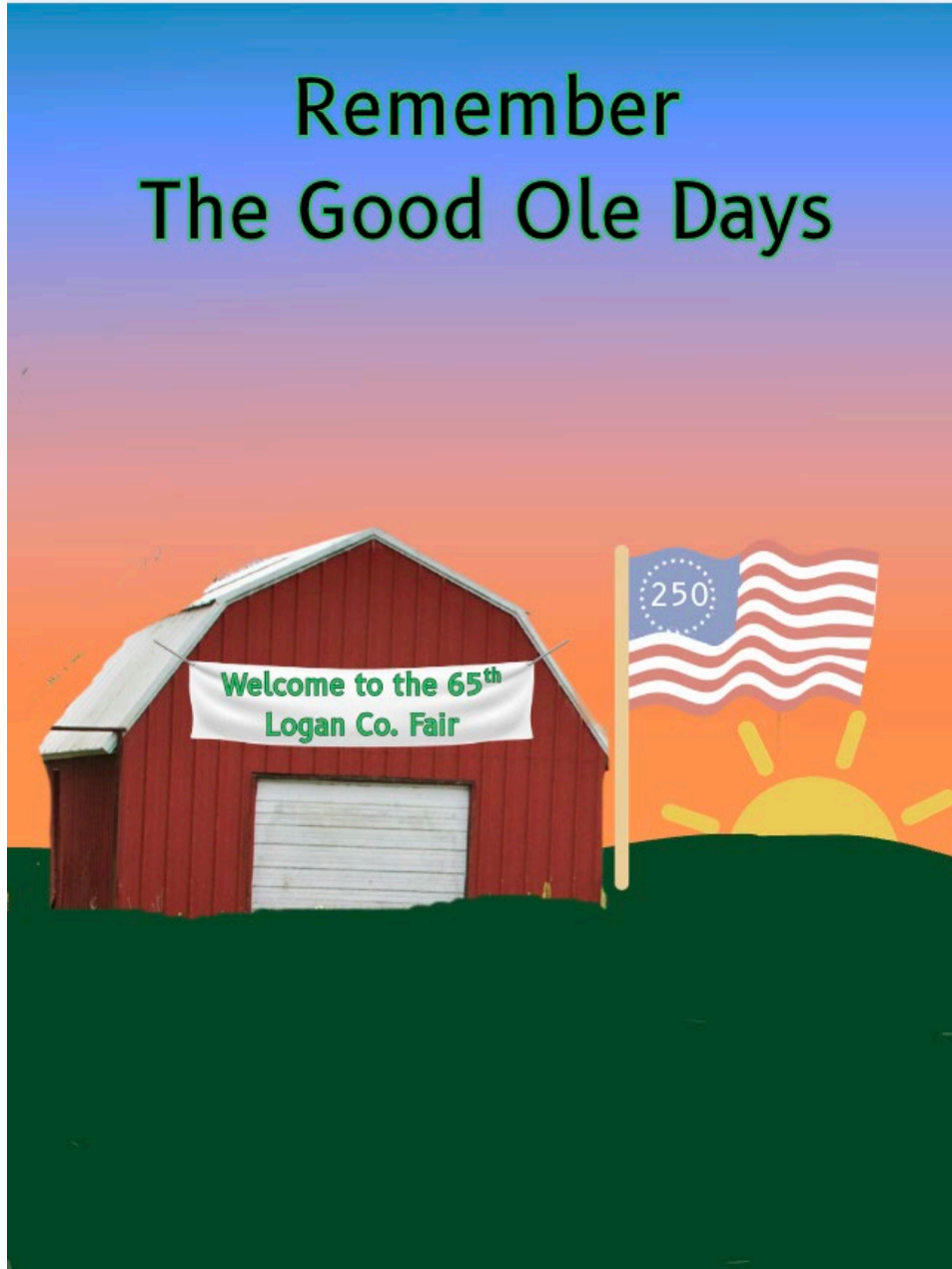


Remember The Good Ole Days



Fair Theme and Design by Maggie Zerr

65th Annual
Logan County Fair
July 19-25th, 2026

K-STATE
Research and Extension



Golden Prairie
District

2026 Logan County Fair

Logan County Fair Board Members

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 Jerrad ZerrVice President
 Kylie WamsleySecretary
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 Ashley Conness..... Trego County 4-H Program Manager
 Aftan Tso.....Family & Consumer Science Agent, Oakley
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County 4-H Clubs & Community Leaders:

Annie Oakley

Kezia Uhrich
 Samantha Barnett

Butterfield Trail

Heather Zerr
 Lindy Kvasnicka

Monument

Ashley Smith
 Tyler Smith

Accessibility Information: The Golden Prairie Extension District and its employees are committed to making their services, activities, and programs accessible to all participants. If you have special requirements because of physical, mental, learning, vision, hearing, or other impairment, please contact your local Golden Prairie Extension District Office.

4-H Fair Time Sportsmanship

An essential part of growing up is developing good sportsmanship. This means being fair and honest while competing, being a courteous loser, and being a gracious winner. As a 4-H member, you are expected to exhibit the following:

1. **Conduct**. Display and maintain high standards of personal behavior that are becoming to you as an individual and as a representative of your family, your club, your community, or any other program you are a part of.
2. **Fairness**. Learn and follow the rules. Do not cheat. Be impartial and honest at all times.
3. **Honesty**. Show integrity. Do not lie or deceive. Do your own work. Do not understate or overstate your abilities, skills, or accomplishments.
4. **Competition**. Rivalry is a part of competition. There are winners and losers in every contest. Be respectful, considerate, cooperative, and cheerful in your attitude and behavior, regardless of the outcome.
5. **Courtesy**. Questions are welcome, and suggestions are appreciated, but please express them respectfully. Be pleasant toward other participants, spectators, program officials, extension staff, fair board members, media representatives, 4-H leaders, and especially your parents. Give others the benefit of the doubt.
6. **Respect**. Do not argue with the judges. Their opinions are the most important on the day of the judging, and if you are prepared and have done your own work, you will succeed! Accept suggestions and comments with a positive attitude. If you receive a lower placing than expected, be gracious and learn from the experience.
7. **Kindness**. Treat animals, people, and property with kindness and respect.
8. **Spirit**. Congratulate those who win after a competition! Recognize, appreciate, and learn from your shortcomings. Do not protest or make accusations unless you have proof and are willing to face the person you are accusing personally.
9. **Graciousness**. If you are named the winner, graciously thank the people who recognize you. Do not gloat, brag, or act conceited, or downplay your accomplishment.
10. **Gratitude**. THANK YOUR PARENTS, leader, judges, fair board members, and the extension staff. They have put in a lot of work for you and the county to put on a successful fair.

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2026 Logan County Fair Schedule

Date/Time	Event	Location
Friday, July 17th 9:00 AM	Judging for 4-H Sewing & Textile Design, Style Review	Western Vista Building
Saturday, July 18 8:00 AM 9:00 AM	Dog Show OC Horse Show	4-H Building Dick Farmer Arena
Sunday, July 19th 5:00 PM	Pre-Fair Set Up *ALL 4-H members and Fairboard Members are required to attend*	
Monday, July 20th 9:00 AM 9:00 AM 7:00 PM 9:00 PM	Judging for 4-H & OC Foods Judging for 4-H Visual Arts/Crafts, 4-H Fiber Arts, and 4-H & OC Photography 4-H Foods Auction, Cloverbuds Show & Tell, & Modeling of Style Review Display 4-H Clothing Exhibits	Western Vista Building Western Vista Building 4-H Building
Tuesday, July 21 7:30-10:30 AM 10:30 AM Immediately following rabbit show 12:00 PM 12:00 PM 12:00 PM 4:00 PM 7:30 PM	4-H & OC Large/Small Animal Check-In Judging for Rabbits Judging for Poultry Judging for Geology, Entomology, Forestry, Wildlife, Vet Science, Agronomy, Shooting Sports Judging for Aerospace/Rocketry, Robotics, Astronomy, Computer Science, Building Blocks, Uncrewed Aerial System, Woodworking Family Studies, Health & Wellness, Individual/Community, Interior Design Performing Arts Electric & Renewable Energy, Environmental Science, Self-Determined, Small Engines, and Youth Shop Projects & FFA 4-H Horse Show Grandstand Event – Team Roping	Livestock Barns Covered Show Arena Covered Show Arena 4-H Building 4-H Building 4-H Building Dick Farmer Arena Grandstand Arena
Wednesday, July 22 9:00 AM 1:00 PM 1:00 PM 1:00 PM 6:00 PM 7:00	4-H & OC Beef Show Judging for Antiques, Domestic Arts, & OC Arts & Crafts Judging for Booths, Notebooks, Banners & Posters Judging for 4-H & OC Cats & Pets Grandstand Event – Mutton Bustin Grandstand Event – Mini Broncs & Mini Bulls	Covered Show Arena 4-H Building 4-H Building Senior Living Center Grandstand Arena Grandstand Arena
Thursday, July 23 8:30 AM 10:00 AM 12:00 PM 1:00-2:30 PM 7:30 PM 7:30 PM	4-H & OC Swine, Catch-A-Pig Show, 4-H & OC Sheep & Goat Show Judging for 4-H & OC Horticulture & Floriculture 4-H Livestock: Sale/Home Destination Forms Due to DFA FFP BINGO (Future Philanthropist Program of Oakley) Grandstand Event – Family Fun Night: Sand Volleyball, FFA Cornhole Grandstand Event ATV Rodeo	Covered Show Arena 4-H Building Dick Farmer Arena Western Vista Building Dick Farmer Arena Grandstand Arena
Friday, July 24 9:00 AM 12:00 PM 1:00 PM 4:00 PM 7:30 PM 8:00 PM	Round Robin Showmanship Oakley Graphic 4-H Grand Champion Picture 4-H Livestock: Post Auction Destination Agreement Forms Due to DFA Office Livestock Auction – with Buyer's Supper Immediately Following *ALL NON-AUCTION LIVESTOCK RELEASED IMMEDIATELY FOLLOWING AUCTION Grandstand Event – Demolition Derby All 4-H Livestock Auction Animals and ALL 4-H projects are released	Dick Farmer Arena Covered Show Arena Dick Farmer Arena Covered Show Arena Grandstand Arena Grandstand Arena
Saturday, July 25 7:00 AM 9:00 AM 10:00 AM 11:00 AM 5:00-7:00 PM 6:00 PM 7:30 PM	Old Settlers Breakfast (60 year or older to attend) Parade Registration Parade Post Fair Clean Up *ALL 4-H and Fairboard Members are Required to attend* Community BBQ – Sponsored by Pioneer Feedyard Kids Pedal Pull – Sponsored by Logan County Farm Bureau – Registration at 5:30 PM Grandstand Event – Demolition Derby	OHS Cafeteria Dick Farmer Arena Fairgrounds Annie Oakley Park Annie Oakley Park – Basketball Court Grandstand Arena

Foreword

This fair is dedicated to every citizen of Logan County and is conducted for your education and pleasure.

4-H Grievance Committee

- Golden Prairie Extension District (GPED) Staff
- Project Area Superintendent of the project involved
 - GPED Board Chair
- 1 GPED Board Member – Representative of LG County
 - Fair Board President
- 1 Logan County Fair Board member at large

General Rules

Rule I- Interpretations, Amendments & Violations

1. The Golden Prairie Extension District reserves the right to interpret these rules and regulations and arbitrarily settle all questions arising in connection with 4-H exhibits.
2. In the event of a conflict regarding 4-H members, 4-H projects, or 4-H events occurring during the county fair, the matter will be turned over to a grievance committee. (See Rule IV)
3. Any Person who violates any general or special rule will forfeit all privileges and premiums.

Rule II- Entry Requirements.

1. All 4-H entries to the county fair are free, except Shooting Sports, Dog, and Horse.
2. All Property entered at the fair for any purpose shall be subject to the control of the superintendent in charge.
3. All 4-H Entries must be pre-entered with the Extension Office

Rule III- Exhibit Duties & Privileges

1. Only members of 4-H clubs in Logan County may exhibit in 4-H competitions. Logan County 4-H members and Logan County open class exhibitors shall have priority over non-residents for livestock exhibiting space. Exhibits cannot be entered in both open class and 4-H competition with the exception of the open class and 4-H dog and horse shows.
2. If any exhibitor has made any false statement in regard to any exhibit on the grounds and any awards that he/she may have received will be forfeited at the discretion of the Golden Prairie District Executive Board.
3. The decision of the judges shall be final and no appeal will be considered except in cases of rare protests.

Rule IV- Grievances

Filing a grievance-

Talk to the Superintendent in that area – if you feel it is not resolved, then put the grievance in writing, sign, and submit it to Extension Staff.

This must be done within 24 hours of the incident, otherwise it is not a valid complaint. Within 24 hours of the complaint being filed a ruling will be made.

The Grievance committee will consist of the superintendent of that project area, Extension Board Chair, 1 – extension board member from Logan county, Logan County Fair Board President, 1- member from Logan County Fair Board, and Extension Staff. The grievance committee ruling will be final. Any violation that affects future participation will be sent to the Golden Prairie District Executive Board.

Rule V- Power and Liabilities of the Extension Executive Board

1. The Golden Prairie District Extension Board reserves the right to remove from the grounds any 4-H exhibit or animals that may be falsely entered, or may be deemed unsuitable or objectionable, or to remove any sign, banner, identification mark or signature or advertising matter of any kind which may be deemed objectionable.
2. All 4-H and open class animals will be checked-in under the supervision of a veterinarian. No diseased animal or fowl will be permitted to be exhibited or occupy space at the fair, and every precaution will be taken to enforce this rule. However, the management will not be responsible for any loss or damage that may be sustained through violation of this rule.
3. No claim for any injury to any person or property shall be asserted to suit instituted, or maintained against the Extension Executive Board, its officers or agents, representatives, servants or employees on behalf of any person, corporation or firms as a result of damage sustained on the grounds of this fair.

Rule VI- Miscellaneous

1. A superintendent will be appointed for each Division, whose duty it shall be to receive the exhibits, properly classify them and to assist the judges. A junior superintendent will also be assigned to assist. Animal superintendents should be present at 4-H animal check-ins to assist the agents and 4-H'ers
2. All entries except livestock shall be exhibited by using an exhibit card. Open class exhibit cards are available from the Extension Office and in the Fair Office in the Dick Farmer Arena. Two cards are required for each exhibit.
3. No Responsibility will be assumed for loss or damage of any property.
4. Premium money will be forfeited if exhibits are removed before release time.
5. FFA/ Vocational agriculture members may exhibit livestock in the open class division.
7. All 4-H exhibits are governed by the general rules of the Golden Prairie District Executive Board.
8. Each 4-H exhibit will receive ribbon placing. Ribbon placings will be made at the discretion of the judges.
9. They will be placed into purple, blue, red, or white groups with Grand Champion and Reserve Champion awarded if quality is deserving. The purple, or State Fair ribbon, is eligible to enter State Fair competition provided they meet age requirements and a class is provided for State Fair exhibit. All entries must conform to the 4-H project requirements (age, breeding, etc.)
10. Prize money will be awarded on a point basis. Point values will be determined by dividing total points awarded into total prize money available. Points awarded will be: Grand Champion 50, Reserve Champion 45, Purple 40, Blue 30, Red 20, White 10.
- 11..All 4-H members must attend the pre-fair clean-up/set-up and the post-fair clean-up to receive premium money. These dates will be announced by the Extension Office.

Entry Cards

The Golden Prairie Extension Office will be using the “Fair Entry” program this year for fair entries and ribbon records. **Pre-Entries must be completed online by June 30th.** Contact the extension office for any questions. Entry card will be then printed at the Extension Office and ready for pick up on the first day of fair. **Please contact us if you need help entering in classes.**

1. First, Refer to the county fair book. (Many times, the answer is clearly defined in the rule book and the issue should be settled.) If you do not agree with the rule book, make a signed, written suggestion for change, and place it in the suggestion box. It will be reviewed by the Fair Board & Extension prior to the next fair. Second, ask the Extension Staff or the Superintendent if they can help you interpret the fair book.
2. If the rule book does not provide a clear-cut answer, a ruling is then determined by the superintendent. Before deciding, the superintendent must confer with the Logan County Extension for 4-H Entries and Fair Board Members for Open Class Entries.
3. The final decision-making authority is retained by the Logan County Extension (except Open Class Entry). If the problems still have not been settled after the question has followed the above recommended procedure, the dissatisfied party may follow the formal protest policy documented on page 7. (Logan County 4-H Protest Policy)
4. **Judging Time Spots for Photography, Visual Arts/Crafts, and Foods will be designated through signup sheets! These will be available at Fair Clean-Up, Clothing Judging, and in exhibit building Monday, July 20th until NOON. Members names will be assigned to the end of the list by Extension Staff if they are not listed by the deadline. These can be found at the EXTENSION DESK at the fair building. Please take note of your time schedule. (HORTICULTURE is the only Come and Go judging event in the 4-H building during Fair Week)**
5. Fair Entry is opened for **multi-entry**, meaning you may choose as many classes as needed before continuing. Ex., Foods- you may click on cookies, cake, snack mix, etc. then continue to complete entries. Old system you had to do one at a time. Please call office if you have any question.
6. Fair Entry is compatible with mobile devices but does not operate as smoothly as it would on a computer. GPD recommends using a computer to complete entries. If you do not have a computer, you are welcome to use the available ones at the extension office.

Ribbon Placement Rules

IF QUALITY IS SHOWN:

Danish System-Most often used in 4-H Exhibits

(Except pets, dogs, cats, poultry, rabbits, and livestock)

Grand & Reserve Champions will be awarded in each age division if quality is shown.

Grand Champion – is awarded to the highest quality exhibit in the project area. If it’s quality merits this award.

Reserve Grand Champion – is awarded to the second highest quality exhibit in one project area, if it is quality merits this award.

Class Champion – is awarded to the highest quality exhibit in a single division if there is a worthy exhibit.

Reserve Class Champion – is awarded to the second highest quality exhibit if there is a worthy exhibit.

Purple – outstanding on all standards

Blue – exceeds the minimum standard; may have minor flaws where improvements can be made.

Red – meets all minimum standards; may be visible signs of needed improvement.

White – fails to meet minimum standards.

Participation – are awarded to those exhibits that do not meet requirements. This ribbon indicates to the 4-Her that the exhibit was not necessarily poor in quality, only that it did not meet the project requirements as indicated in the fair book. *Participation ribbons are also awarded to Clover Buds or other “participation” only classes*

Modified Danish System – Often used in Livestock Shows

(Pets, Dogs, Cats, Poultry, Rabbits, & Livestock)

Exhibits are compared to a standard, placed in four-color ribbon groups, but are ranked top to bottom within each ribbon group.

Age Divisions

*Approved September 13, 2016

Junior Division, 7-9 yrs. old (as of Jan. 1st of current year)

Intermediate Division, 10-13 yrs. old (as of Jan. 1st of current year)

Senior Division, 14-18 yrs. old (as of Jan. 1st of current year)

State Fair Exhibits

Qualifiers for State Fair must be **9-18 yrs. old** (as of Jan. 1st of the current year). Entry must have received a purple ribbon except for entries requiring pre-registration, such as livestock. “State Fair Eligible” stickers will be placed on the entry tags for visual reference to each exhibit. **Visual Arts & Crafts are limited to 1 Entry per Category at the State Fair.** Categories are Fine Arts, Clay & Ceramics, Leather & Jewelry, Three-Dimensional, and General Crafts. Grand & Reserve Champions and Senior Division exhibitors will be chosen from first.

Qualified State Fair Exhibits Entries should be confirmed with Extension Office no later than August 1st, 2025. Please make sure all correct entry information is attached. Please make sure that all release forms are signed by 4-H’ers if the parent is delivering exhibits to the office!!!

**THE LOGAN COUNTY FAIRBOARD AND GOLDEN PRAIRIE EXTENSION
ARE NOT RESPONSIBLE FOR LOST OR STOLEN ARTICLES.**

**THE LOGAN COUNTY FAIRBOARD AND GOLDEN PRAIRIE EXTENSION
ARE NOT RESPONSIBLE FOR ACCIDENTS.**

**No projects and/or livestock (except horses) will be allowed to leave
fair grounds until AFTER livestock sale on Friday.**

AEROSPACE/ROCKETRY

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

The Kansas 4-H STEM-Rocketry program is designed to allow 4-H members to explore aerospace through rockets of various sizes.

Exhibit Information for ALL rocketry categories:

1. **All revisions of all forms previously released for the division, either undated or dated prior to the current year, are void for use, and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms should result in the loss of one ribbon placing for exhibits.**
2. Relevant documents may be obtained from County Extension Offices or from www.STEM4KS.com
3. NAR refers to the National Association of Rocketry and its governing board.
4. Tripoli refers to the Tripoli Rocketry Association and governing board.
5. All NAR documents referenced herein can be found at <http://www.nar.org>. If a fire burn ban is in effect for any county in Kansas, exhibitors in any Kansas County are not required to launch their rocket(s). All requirements for launching rockets for the state fair and documentation of the launches are suspended for the duration of the ban.
6. For the State Fair, the 4-H Member may include a video showcasing their experience in the project.
 - Videos with an accompanying release form signed by the exhibitor's parent or guardian may be displayed at the state fair in the Engineering and Technology exhibit area.
 - The video must not be more than 8 minutes long and should be included on a USB drive.
 - Videos for the Kansas State Fair, may be uploaded to a video sharing site, such as YouTube, instead of being placed on the USB drive. The video should be set to "private" so only those with the link are able to view it. The link should be written on the video form for the judges to review. Capitalization in URLs matter. Incorrect URLs may result in a ribbon place deduction
7. **Video requirements are WAIVED for the Logan Co. Fair judging.**
8. See the last section for full details about exhibiting posters, display boards, and notebooks.

General exhibit Definitions for ALL rocketry categories:

1. As defined by the National Association of Rocketry (NAR), a scale model is "any model rocket that is a true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle, that has flown under rocket power." The intent of scale modeling, according to the NAR, "is to produce an accurate, flying replica of a real rocket powered vehicle that is judged for craftsmanship in construction, finish, and flight performance." (NAR "Model Rocket Sporting Code" 52.1 <https://www.nar.org/USModelRocketSportingCode>)
2. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.
3. For the purposes of Kansas 4-H a mid-powered rocket is defined as a rocket that uses an 'E', 'F', 'G', or equivalent engine for launch. In addition, rockets also qualify for mid-power if they meet any of the following criteria:
 - a. Are 2 inches or greater in diameter (not including fins) and taller than 3 feet (36" including fins) and do not use an engine exceeding 160.01 Newton seconds of total impulse (an 'H' engine equivalent or above).
 - b. The total impulse of all engines used in the rocket is greater than 20.01 Newton-seconds and less than 160.01 Newton-seconds.
4. For the purposes of Kansas 4-H a high-powered rocket is defined as a rocket that meets any of the following criteria:

- a. Weighs more than 3.3125 pounds (53 ounces or 1500 grams) at the time of launch;
 - b. Uses a 'H' engine or larger to launch
 - c. The total impulse of all engines used in the rocket is greater than 160.01 Newton-seconds of thrust.
 - d. Includes any airframes parts of ductile, metal, though, the use of ductile metal is strongly discouraged.
 - e. Models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g.:
 - i. Average thrust in excess of 80.01 Newtons
 - ii. Contains in excess of 125 grams of propellant and are limited to H and I motors only.
 - iii. Uses a hybrid motor or a motor designed to emit sparks.
5. High power certification is defined as having successfully completed a certification program for high-powered rocketry through the NAR or Tripoli and maintaining that certification. This applies to all membership levels in the NAR and Tripoli. Specifically, the "Formal Participation Procedure" for the "Junior HPR Level 1 Participation Program" as outlined by the NAR and the "Tripoli Mentoring Program (TMP) as outlined by Tripoli.
 6. NAR safety codes for launching and construction of all rockets are assumed to be used by all 4-H exhibitors and will be considered during judging.
 7. For the purposes of Kansas 4-H, NO rocket may be launched using engines totaling more than an 'I' impulse engine or 640 Newton-seconds of total thrust.

General Exhibit Rules for ALL categories:

Purpose: These rules apply to how rockets are to be displayed at the state fair and what those displays should and should not contain. These rules apply to all rockets displayed in the STEM division.

1. 4-H members must be currently enrolled in the 4-H Aerospace/Rocketry program to exhibit in this division.
2. Entries must have been selected at the county level for entry at the State Fair. Counties/Districts should select the top blue or purple ribbon rocketry exhibits that meet Kansas State Fair guidelines. Exhibits can change class numbers between county fairs and the state fair, as counties may not offer all class numbers and an exhibit more appropriately aligns with a different class, all entries must still be part of the rocketry division.
3. Exhibits should not contain any perishable items, such as eggs.
4. Each exhibitor may enter up to two rocket exhibits that have been constructed during the current year. If two rockets are entered, one rocket must be a "model rocket kit" and the second may be entered into any other applicable class. An exhibitor may not enter two rockets in the same class.
5. The report that accompanies the rocket must be limited to the 4-H Rocket Exhibit Information Form, which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the rocket stand or to the rocket. The information form should be signed by the exhibitor. This may be downloaded from www.rocketry.engtech4ks.com/ . Any rocket exhibit not including this completed envelope will receive a participation ribbon.
6. Constructions plans (or a photocopy) must be placed inside the envelope.
 - a. This includes original design rockets.
 - b. If a rocket kit has been modified structurally, notations need to be given indicating the changes made, by marking on the Rocket Exhibit Information Form and by placing notes in the plans. Such modifications require the rocket to be swing tested and documented to show a stable flight. **Failure to test and document flight stability following modifications will result in two ribbon placing deductions.** A different paint scheme, changes/reductions in decals, and other non-structural changes are not considered modifications and do not need to be documented.

7. One or more photographs of the rocket during construction and at the launch site are **required**.
 - a. Photographs showing the rocket at the moment of ignition are preferred.
 - b. Photographs must be mounted on one side of an 8 ½" x 11" page(s).
 - c. There must be at least 1 page of photos and no more than 5 pages of photos.
 - d. Include at least one photograph showing rocket construction, preferably with the exhibitor included.
 - e. Do not include photos of members catching their rockets as they return to earth. This is an unsafe practice, and we do not recommend or condone this practice.
 - f. Pictures at the launch site are not required in the event of a burn ban.
8. To exhibit in this division:
 - a. The rocket must have been flown unless a burn ban is in effect.
 - b. Support rods must not extend past the tip of the highest nosecone on the model. This reduces the likelihood of eye pokes.
 - c. Support rods must remain in the upright position, 90 degrees to the display base, do not angle. Support rods may be angled if the rocket itself still remains in the upright position, for example if engine tubes are slanted and the best form of support for the rocket is to use an angled support post. If the rocket is not perpendicular to the display base, the judge should deduct one ribbon placing. The exhibitor's name (or ID), county, and if applicable district, must be labeled on the base for the State Fair.
 - d. No model may be submitted on a launch pad.
9. Launches should not be conducted in winds above 20 mph and will constitute a disqualification of rocket exhibit.
10. All rockets must have a safe method of recovery, e.g., parachute, streamer, or tumble recovery. Any rocket without a recovery system will be disqualified.
11. The altitude achieved by the rocket is to be determined using a method other than estimation. Examples of accepted methods include altimeter, computer software, range finders, etc. If additional space is needed to show calculations of how the altitude was achieved, one or more additional pages may be added to the rocketry information pack.
12. Flight damage is to be documented by the participant on either the construction plans or, an additional sheet of paper titled "flight damage" and marked on the 4-H STEM Rocket Exhibit Information Form.
13. The judging of flight damage is to be secondary to all other aspects of the model and only then may it even be considered. However, under **no circumstance** may flight damage be grounds for disqualification.
14. Accidental Damage- Any damage to an entry while it is in the custody of the judges, assistant/superintendents, or extension staff must not be help against the exhibitor. For example, escape towers being knocked off the top of rockets during transport (both the escape tower and rocket may still be judged). Such damage is to be reported and documented.
15. Improvements- may be made to the exhibit prior to the State Fair to improve the overall presentation of the exhibit while maintaining the major substance of the exhibit from the county fair. For example, a cooking entry of a cookie is re-prepared between a county and state fair, most likely using recommendations from the first judging, it's the same recipe just with improved techniques.
16. Engines and igniters, under any circumstance, **ARE NOT** permitted with the exhibit and constitute an **immediate disqualification**.
 - a. If an engine becomes stuck, jammed, wedged, or in any other way permanently affixed in or to a rocket and cannot be removed from the rocket, the rocket will be subject to **immediate disqualification**. This is because it is not possible to make a full and immediate assessment of the safety of the rocket when it is being judged and safety is paramount.

- b. Engines may not be used as display stands hollowed out or otherwise. Engines used as a display stand will cause the exhibit to be subject to **immediate disqualification**.
 - c. Rocket engines should not be used to join multi-stage rockets together.
17. Multi-stage rockets can be displayed without having the stages connected together. In that case the final stage (the one with the nose cone) should be placed on the display stand, and other stages with a loop of string to the display stand.
- a. The different stages must be included to complete the rocketry exhibit, incomplete exhibits will be deducted at least one ribbon placing.
 - b. Multi-stage rockets can be flown using just the final stage and be considered fully flown.
18. If a safety violation is noted by the judges', superintendent, or other staff, the exhibitor's rocket, at the judge's discretion, **may receive a reduced ribbon placement or disqualification**. *If deemed appropriate* all information necessary will be given to the NAR and TRIPOLI for investigation and possible revocation of membership.

General Construction Rules for ALL categories:

Purpose: These rules apply to the construction of all rockets displayed in the STEM division.

1. Rockets are to be properly assembled according to the assembly instructions.
2. Beginner kits with prefabricated (molded plastic) fin assemblies and pre-finished rockets requiring no painting are not acceptable at the State Fair and will be **disqualified**. **Logan County Fair will accept these for ages 7-8 year old entries only.**
3. Plastic snap together fins and prefabricated fin assemblies that **do not** require fin alignment are not acceptable and will be **disqualified**.
 - a. This rule does not apply to plastic fins that must be manually aligned and do not utilize a fin alignment mechanism, including, but not limited to fin alignment rings or spacing blocks.
 - b. This rule does not apply to fiberglass, Kevlar, composite, or wood fins; especially when used for "through-the-wall" fin attachment techniques that are common in larger rockets.
 - c. In addition, plastic parts for decorative and mechanical purposes (i.e., decorative nozzles and moving landing struts) are not considered fins and can consist of plastic. Decorative nozzles, etc. need to be securely fastened and not pose a safety hazard.
 - d. Fin assemblies that are printed using a 3D printer are excluded from this rule. However, detailed instructions on the creation of fin assemblies must be provided and an additional page of photos may be included to show the creation/printing of fin assemblies.
4. Angles of fins must fall within a plus or minus 2-degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from www.STEM4KS.com.
5. Fins should be rounded or streamlined according to instructions. Additionally other exposed fin edges can be rounded, unless the directions specifically say to leave the flat. Quality fin rounding, beyond that described in the instructions, should not result in a ribbon deduction.
6. Fins and body tubes are to be sealed with filler, sanding sealer and/or primer to **eliminate** the appearance of body grooves and wood grain.
7. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
8. Engine mounts are to be securely attached to the body tube.
9. Any seams on plastic parts are to be sanded smooth.
10. Body tubes/airframes/engine mounts can be made from suitable materials, including, but not limited to reinforced paper, cardboard, phenolic resin, specialized polymer resins, fiberglass, Kevlar, or other suitable structural materials. However, foam may not be used for external body or other external rocket parts.
11. The nose cone is to fit snugly but still allow for easy removal. If the shock cord

- frequently becomes stuck between the nosecone and body, it should be trimmed.
12. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly. The rocket should be free of “runs”, “orange peel”, or “crackling” in the finish.
 13. Nonstandard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch-built rockets.
 14. Models may not be judged based on their paint scheme (colors and placement on the rocket), except for rockets that fit the definition of a "scale model" and are entered in the scale model class. All other rockets do not have to follow the suggested paint scheme, allowing the 4-Her to display maximum creativity in the finishing of their rocket.
 - a. Under no circumstances is the weight given to the paint scheme to be sufficient, by itself, to move a non-scale model from one ribbon placing to another.
 15. "Scale models", exhibited in the scale model class, may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme in this class.
 16. Scale Model Rockets, exhibited in the scale model class, are to be finished and completed with a majority (greater than 70%) of decals.
 17. If a modification is made to the rocket (for example, adding a fin) a swing test must be conducted on the rocket, and the documentation provided. Failure to test and document flight stability following modifications will result in two ribbon placing deductions. Changes to the pain scheme, changes/reduction in decals, and other non-structural changes are not considered modifications and do not require a swing test.

Model Rocketry Guidelines (ages 7-9):

Purpose: Model rockets are generally small-to-medium sized rockets that can be purchased at many hobby stores.

1. Rockets classified as high or mid-powered may not be entered into this category.
2. Each rocket must be able to stand freely by itself or be supported by a solid base, not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name (or ID), county, if applicable district, and age must be labeled on the top of the base. Rod materials should be sturdy, and not made of flimsy materials, such as coat hangers.
3. If the model rocket is greater than 4 feet tall it can be displayed without a base, or displayed parallel to the ground with up to 3 notched blocks not to exceed 4" in height width and depth. The exhibitor's name, county or district, and age must be labeled on the base(s).
4. All exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code, the Engineering & Technology Project Partnership Team may review and implement the modified code.

Original Design Specific Rocket Guidelines (ages 10-13):

Purpose: Scratch built or original design rockets allow youth to create their own rockets (model, mid, and high powered) in a safe manner that displays maximum craftsmanship.

1. Original design rockets cannot be a modification of a pre-existing kit and must be of original design.
2. Original design rockets must be designed by the exhibitor(s).
3. Original design rockets must include detailed instructions, so that someone else could construct the original designed rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey full and complete construction techniques.
4. Original design rocket instructions should not include copies of instructions in part or in whole from existing kits without crediting the source instructions. For example, "Fin alignment template form Estes Baby Bertha."
5. For a rocket entered in the original design classes, describe in the summary how the

rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are strongly encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.

Exhibitors 7 - 8 Years Old (*Not State Fair Eligible)

- *CLASS 001** Rocket made from kit, without pre-assembled fin units. Include plans.
- *CLASS 002** Rocket made from "beginners kit." Include plans. Rockets in this class may have pre-assembled fin units. (This class is for first and second year 4-H members to explore the rocketry project.)
- *CLASS 003** Scale Model Rocket from kit. Include Plans

Exhibitors 9-13 Years Old

- CLASS 004** Rocket made from kit. Include plans.
- CLASS 005** Scale Model Rocket made from kit. Include plans.

Exhibitors 11-13 years old

- CLASS 006** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.
- CLASS 007** Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

Exhibitors 14 Years and Older

- CLASS 008** Rocket made from kit. Include plans.
- CLASS 009** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.
- CLASS 010** Rocket designed by exhibitor: that uses alternative skins; not merely a modification of an existing kit. Include original plans.
- CLASS 011** Scale Model Rocket made from kit. Include plans.
- CLASS 012** Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

Exhibitors 11 Years Old and Older (Teams)

This class is designed to encourage teamwork among individuals and clubs to work on a rocket from the initial design to the finished product.

- CLASS 013** Rocket designed by 2 or more exhibitors; not merely a modification of an existing kit. Include original plans.

Mid-Power Rocketry (2x'D' to 'G' Engines) Guidelines:

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H mid-power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year. This is to align with NAR certification guidelines.
2. The rules from sections A,B,C,D,E, and F apply.
3. In addition to the information packet completed for all rockets, a high/mid power information form is to be completed and placed inside of the information packet. The may be downloaded from <http://www.kansas4-H.org/> Click on KSF Packet link.
4. Exhibitors in this division must hold membership in either NAR or Tripoli organizations.
5. The NAR Model Rocket Safety code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current year. However in the event that there is a modification in this code the Engineering & Technology Project Partnership Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. High power rockets as defined above ('H' or 'I' engines) may not be launched in this

division.

8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event a substitute for a copy of the waiver is the Range Safety Officers (RSO's) contact information, launch location, and date.

9. Mid-Power rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one quarter inch) thick and 8" square. The exhibitor's name (or ID), county, if applicable district, and age must be labeled on the base.

Exhibitors 14 years or older

CLASS 014 Mid- Power Rocket made form kit or design

High Power Rocketry ('H' or 'I' engines) Guidelines:

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H high power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year. This is to align with NAR certification guidelines.
2. The rules from sections A, B, C, D, E, and F apply.
3. In addition to the information packet completed for all rockets, a high power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://rocketry.engtech4ks.com/> Click on KSF Packet link.
4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
5. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code the Engineering & Technology Project Partnership Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. For rockets launched using an engine(s) that are 160.1 ('H' engine or equivalent amount of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a level 1 high-power certification.
 - a. The 4-H member should also hold or be attempting to attain their level 1 high power certification, and should include supporting documentation of such (for example, a copy of Level 1 card is sufficient).
8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High-Power Information Form. In the case where the launch was a public event a substitute for a copy of the waiver is the Range Safety Officers (RSO's) contact information, launch location, and date.
9. High-power rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

Exhibitors 14 years and older (Sr.)

CLASS 015 High power rocket made from kit or original design.

AGRONOMY

Location: 4-H Building
 Judging Date: Tuesday, July 21st, 12:00 p.m.
 Category Miscellaneous Project Judging

4-H members in the Agronomy (Field Crops) project may exhibit grain, plants, a wheat variety plot display, or a weed control exhibit to prepare an educational display representing their project.

1. Exhibits should be as mature as possible.
2. Every entry must be identified by hybrid or variety name.
3. All classes calling for a gallon sample may have a 2 1/2" x 3" in diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts.
6. **If variety is NOT stated where requested OR samples not tied where requested, ribbon placing will drop one placing.**
7. Hay samples should be approximately 15"x12"x6". Maximum thickness of 6" and minimum of 5". Hay samples should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package.

CORN: Ten Ear Exhibit

CLASS 020 White. Variety or hybrid must be named.

CLASS 021 Yellow. Variety or hybrid must be named.

SORGHUM: Ten Head Exhibit

CLASS 022 Hybrid grain sorghum. Hybrid must be named.

CLASS 023 Hybrid forage sorghum. Exhibit to consist of one gallon sample; no roots. Hybrid must be named.

CLASS 024 Other forage sorghums. Exhibit to consist of the entire plant; no roots. Variety must be named.

WHEAT: One Gallon Sample

CLASS 025 Soft red winter wheat. Variety or hybrid must be named.

CLASS 026 Hard red winter wheat. Variety or hybrid must be named.

CLASS 027 Hard white wheat. Variety or hybrid must be named.

SUNFLOWERS

CLASS 028 Confectionery heads. 3 heads must be submitted.

CLASS 029 Confectionery seeds in jar. 1-gallon jar must be submitted.

CLASS 030 Oil seed heads. 3 heads must be submitted.

CLASS 031 Oil seeds in jar. 1-gallon jar must be submitted.

OTHER CROPS

CLASS 032 Oats: Exhibit to consist of one gallon sample. Variety must be named.

CLASS 033 Barley: Exhibit to consist of one gallon sample. Variety must be named.

CLASS 034 Alfalfa: Exhibit to consist of one gallon sample. Variety must be named.

CLASS 035 Alfalfa Hay: Exhibit to consist of one flake or slice from a rectangular bale, or a 10" section cut from a round bale. The flake or slice should be approximately 6" in thickness and should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package. Variety must be named.

CLASS 036 Native Grass Hay: 10" flake or slice, 6" thick and should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package. Variety must be named.

CLASS 037 Brome Grass: Exhibit to consist of one gallon sample of seed.

- CLASS 038** Other Tame Grasses: Exhibit to consist of one gallon sample of seed.
- CLASS 039** Soybeans: Exhibit to consist of one gallon sample of seed from most recent harvest. Variety must be named.
- CLASS 040** Soybeans: Bundle of five plants (with root intact) from most recent harvest. Variety must be named.
- CLASS 041** Edible field beans: Exhibit to consist of one gallon sample of seed from most recent harvest.
- CLASS 042** Edible field beans: Bundle of five plants (with roots intact) from most recent harvest.
- CLASS 043** Miscellaneous Crops: Exhibit to consist of one gallon sample of seed or 10 heads produced from current project. Variety must be named.
- CLASS 044** Cotton: Provide 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold doesn't develop.
- CLASS 045** Corn: Exhibit to consist of 1-gallon sample. Variety must be named.
- CLASS 046** Cool Season Grass Hay (e.g., fescue, etc.): 10"-flake or slice, 6" thick and should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie like a gift package. Variety must be named.

WHEAT VARIETY PLOT DISPLAYS

The free-standing displays must not exceed the overall dimensions of 36" wide x 36" high x 18" deep (measure on the outside). Care should be taken to select durable materials that will withstand Fair conditions. Displays must not require the use of electricity. If booth exceeds overall dimensions, ribbon placing will be dropped one place.

1. These displays will have been planned and prepared by 4-H members enrolled in the wheat variety plot project.
2. Members must use wheat varieties provided in the display, but may include more if desired.

Basis for Awards:

1. **Educational Value 70%**
Is the main idea of the display specific? Was the title or theme emphasized? Is the idea presented so clearly, so simply, so forcefully, that it will stop the casual observer? If the passerby stopped, did the display give the observe additional facts in a clear, concise way? For example, varietal differences in wheat, economic gains from adoption of desirable practices, etc.
2. **Quality of Display Material 30%**
Size, style and neatness of lettering. Proportion of models and lettering balanced. Workmanship, including handouts, if used. Charts, models and lettering used effectively to teach ideas. Colorful artistic, neat and well balance.

CLASS 047 Wheat Variety Plot Displays

Weed Control Exhibit

1. Collect, identify, press, mount, and label 15 weeds. Try to include their roots, stems, leaves, and flowers. Three of the weeds must be noxious weeds preferably found in your home county. A standard 9" x 12" scrapbook may used to permanently mount your weed specimens. Identify the scrapbook with your name and county on the inside front cover.
2. Prepare a list of the weeds mounted, showing common name, scientific name, and where it was found. Place the list in a specially identified section of the scrapbook.
3. Collect and identify weed seeds found in crop seeds. Mount them for display purposes. Place them in a specially identified section of the scrapbook.
4. Write a story on "How We Control Weeds on Our Farm" if you live on a farm. Other members write "How We control Weeds at Home". The story should be about 300 words in length. It must show definite methods used to control weeds. Place the story in a specially identified section of the scrapbook.
5. Eligibility – Products exhibited in the division must have been grown by the 4-H members in the current year, with the exception of soybean seed and edible field bean seed.

CLASS 048 Weed Control Exhibit, Exhibit consist of the four items above.

Basis for Awards

Mounted weed collection: number of mounted specimens, completeness of individual mounts, correctness of identification and information, and neatness. Include record sheet of weeds.

RECORDS.....	50%
WEED SEED COLLECTION AND EXHIBIT	30%
STORY	20%

AG MECHANICS WELDING

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

1. 4-H members must be currently enrolled in the Kansas 4-H Ag Mechanics Welding project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibits must have been constructed or repaired during the current 4-H year.
3. Wheeled exhibits must utilize a breaking mechanism which prevents the exhibit from freely rolling while on display.
4. Exhibitors are responsible for providing sufficient braking or “chocks” for trailer or wheeled exhibits to ensure that the exhibits do not move once positioned. If using a wheel “chocking” mechanism, the two individual blocks should be connected together as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.
5. For trailer exhibits the tongue of the trailer should be equipped with a locking mechanism (e.g. padlock) to prevent the trailer from being moved by unauthorized individuals while on display. A key for the locking mechanism should be left with the superintendent and labeled with the exhibitor’s name, county, and phone number.
6. Exhibits with downward swinging parts, such as tailgates, that could pose a fall/striking/crushing hazard should have a tamper resistant locking mechanism such as a “zip-tie” or a “cotter-key” through a release pin that would prevent the swinging part from being accidentally released and falling on someone.
7. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable. Exhibit display boards should have portable and moveable base and examples should be firmly affixed to the board to ensure all parts of the display stay together. No exhibits may be staked to the ground for display.
8. Top heavy items should be braced or placed in a stand sufficient to prevent them from toppling over while on display.
9. No sealed vessels are allowed. All vessels must be properly vented, for example, a water tank with a fill cap, or a drilled hole for empty chambers that allows pressure to equalize. Exhibits not properly vented will be disqualified.
10. Tanks are to be triple rinsed, dried and free of all liquid residue.
11. As exhibitors build their exhibits, appropriate PPE (Personal Protection Equipment) is required.
12. Exhibits may not be bound, affixed, or attached to the building.
13. Painting or spot painting is not allowed on projects after arrival on fairgrounds. If wet paint is detected, judges will deduct one ribbon placing.
14. Repair projects having adequate original finish need not be repainted.
15. Cutting surfaces, such as blades or knives, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. (Foam “pool noodles” and multiple layers of carboard are acceptable)
16. Display cases for small exhibits, such as knives, are acceptable, and must be easily opened so the item can be removed and examined as part of judging.

17. Exhibits that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical that is intended to be used to inflict damage and/or harm to individuals, animal life, and/or property.
18. Trailers and large exhibits (larger than 5' in any dimension) may be displayed outside. *Please ask Extension Staff where you should display your project prior to the beginning of fair.*
19. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and fuel system should be drained and allowed to dry, to avoid spills and potential fires.
20. Electric powered (battery, corded, solar, or alternative energy) exhibits should have a primary shutoff or disconnect switch
21. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or a disqualification.
22. Each exhibit except for display boards must include an Ag Mechanics Welding information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
23. The exhibitor's name (or ID), county, if applicable district, must be tagged or labeled on the display for State Fair.
24. Each exhibitor is required to complete the "4-H Ag Mechanics Welding Exhibit Information Form" for each exhibit, except for display boards, which is available through your local Extension Office or at <http://welding.engtech4ks.com/> . This form must be attached to the outside of a 10" x 13" manila envelope. Do Not tie envelope to the exhibit. All revisions of all forms previously released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.
25. Each exhibit information packet should include the following items:
 - a. Bill of materials for the project with associated costs shall be provided. Scrap items used may be listed as having a \$0.00 cost.
 - b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state
 - c. If applicable schematics or working drawings relating to the creation or repair must be provided. This requirement is not required for display boards.
 - d. If appropriate operating instructions
26. Additionally, exhibitors may create an optional video (not required) about their project showing its operation and the work they have done. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on a USB drive.

Junior Division (7-9): *Not Eligible for State Fair*

- CLASS 050** Welding Ag Repair- repair of ag equipment with welding
- CLASS 051** Welding Ag Fabrication- creation of new ag equipment with welding
- CLASS 052** Welding Ag General Repair – repair of non-ag equipment with welding
- CLASS 053** Welding General fabrication – creation of non-ag equipment with welding
- CLASS 054** Welding Artistic Fabrication – creation of artistic or interpretive pieces with welding
- CLASS 055** Other Metalwork
- CLASS 057** Smithing Display Board – a 3'x3' display with different pieces of forged metal attached illustrating different forms, each form being labeled
- CLASS 058** Smithing - a design forged with at least one formed element (twists or spirals for example)

Intermediate Division (10-13): This level is designed for youth with some experience in the

project area allowing them to expand on common principles and methods in the given area.

- CLASS 059** Welding Ag Repair- repair of ag equipment with welding
- CLASS 060** Welding Ag Fabrication- creation of new ag equipment with welding
- CLASS 061** Welding Ag General Repair – repair of non-ag equipment with welding
- CLASS 062** Welding General fabrication – creation of non-ag equipment with welding
- CLASS 063** Welding Artistic Fabrication – creation of artistic or interpretive pieces with welding
- CLASS 064** Other Metalwork
- CLASS 065** Smithing Display Board – a 3’x3’ display with different pieces of forged metal attached illustrating different forms, each form being labeled
- CLASS 066** Smithing - a design forged with at least one formed element (twists or spirals for example)

Senior Division (Ages 14 and older)

- CLASS 068** Welding Ag Repair- repair of ag equipment with welding
- CLASS 069** Welding Ag Fabrication- creation of new ag equipment with welding
- CLASS 070** Welding General Repair– repair of non-ag equipment with welding
- CLASS 071** Welding General Fabrication – creation of non-ag equipment with welding
- CLASS 072** Welding Artistic Fabrication – creation of artistic or interpretive pieces with welding
- CLASS 073** Other Metalwork
- CLASS 075** Smithing - a design forged with at least one formed element (twists or spirals for example)

Educational Exhibits Rules

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to the Engineering and Technology are of Ag Mechanics Welding.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at [Ag Mechanics Scoresheet](#).
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: “Make a Star Finder” <https://spaceplace.nasa.gov/starfinder/en/>
6. Educational displays are not to exceed a standard commercial 4’ high X 3’ wide X 2’ deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions.
7. Posters are limited to commercial 3’ X 4’ trifold display boards.
8. “Construction Kits” that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 2’ x 2’ x 2’ and must have a latch which securely keeps all components contained in the “Construction Kits”. Other components are to adhere to appropriate dimensions as stated elsewhere.
9. Educational Project notebooks must be organized in a 3-ring binder or similar book.
10. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
11. Exhibitor’s name (or ID), county, if applicable district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
12. Exhibits should possess the following qualities (in no particular order):
 - a) A central theme
 - b) What you want others to learn
 - c) Be designed and constructed in a manner befitting the exhibit
 - d) Be something you are interested in

13. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

Educational Displays –

Junior Division (Ages 7-9)

- CLASS 076** Ag Mechanics/Welding Educational Display
- CLASS 077** Mechanics/Welding Educational Notebook
- CLASS 078** Ag Mechanics/Welding Educational Poster

Intermediate Division (Ages 10 – 13)

- CLASS 079** Ag Mechanics/Welding Educational Display
- CLASS 080** Ag Mechanics/Welding Educational Notebook
- CLASS 081** Ag Mechanics/Welding Educational Poster

Senior Division (Ages 14 years and older)

- CLASS 082** Ag Mechanics/Welding Educational Display
- CLASS 083** Ag Mechanics/Welding Educational Notebook
- CLASS 084** Ag Mechanics/Welding Educational Poster

ASTRONOMY

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

1. The 4-H member must be currently enrolled in the 4-H Astronomy project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
3. Telescopes entered in this division may be built from a kit or by original design. Radio telescopes are acceptable entries in this category. Pre-finished telescopes which require no construction are not acceptable exhibits.
4. Telescopes are limited to no more than six feet in length. They must be placed on a stationary stand that does not allow the telescope to roll and/or fall over. The stand cannot extend past two feet in length or width.
5. Each telescope exhibit must include a "4-H Astronomy Exhibit Information Form," which is available through your local K-State Extension office or at <http://astronomy.engtech4ks.com/>. This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit. All revisions of forms previously released for the STEM division dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. You must also include construction plans (or a photocopy) for the telescope and place it inside the manila envelope.
6. At least two photographs showing telescope construction and operation are required. Photographs should be mounted on one side of 8 ½" x 11" page. A brief caption should accompany each photograph. Place photos in the 10" x 13" manila envelope. Up to 10 pages of pictures can be included.
7. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smoothly and tightly.
8. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
9. Educational displays should be creative and showcase something specific you have learned in the Astronomy project during the current 4-H year. Follow copyright laws, as explained in the General Rules as you are preparing your exhibit. Sources of scientific

- information must be cited on the front of your exhibit, including all posters and educational display boards.
10. Educational displays are not to exceed a standard commercial 3' X 4' tri-fold display board. Other odd sized-type displays (non-tri-fold) shall not exceed 30" x 36". Care should be taken to use durable materials that will withstand Fair conditions. No electricity will be provided.
 11. Exhibitor's name (or ID), county, if applicable district, age, and year(s) in project must be tagged or labeled in a prominent location on the telescope stand, educational display, notebook, and/or poster.
 12. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at that judge's discretion, may receive a reduced ribbon placement or disqualification.
 12. Astronomy educational posters must be no larger than a standard sized poster board, general 20" x 30".
 13. Astronomy project notebooks must be organized in a 3-ring binder.

CLASS 089 Telescope made from kit

CLASS 090 Telescope made from original design

Educational Exhibits Rules

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a **clear link to the Engineering and Technology areas** of astronomy.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://astronomy.engtech4ks.com/>
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: "Make a Star Finder" <https://spaceplace.nasa.gov/starfinder/en/>
6. Educational displays are not to exceed a standard commercial 4' high X 3' wide X 2' deep.. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions.
7. Posters are limited to commercial 3' X 4' tri-fold display boards.
8. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 2' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
9. Educational Project notebooks must be organized in a 3-ring binder or similar book.
10. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
11. Exhibitor's name (or ID), county, if applicable district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
12. Exhibits should possess the following qualities (in no particular order): A central theme
What you want others to learn
Be designed and constructed in a manner befitting the exhibit
Be something you are interested in
13. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification.

Junior Division (Ages 7-9)

- CLASS 091** Astronomy Educational Display
CLASS 092 Astronomy Educational Notebook
CLASS 093 Astronomy Educational Poster

Intermediate Division (Ages 10 – 13)

- CLASS 094** Astronomy Educational Display
CLASS 095 Astronomy Educational Notebook
CLASS 096 Astronomy Educational Poster

Senior Division (Ages 14 years and older)

- CLASS 097** Astronomy Educational Display
CLASS 098 Astronomy Educational Notebook
CLASS 099 Astronomy Educational Poster

BANNERS

Location: 4-H Building

Judging Date: Wednesday, July 22nd, 1 p.m.

Category: Miscellaneous Project Judging

*(*Not eligible for State Fair or Open Class)*

1. Read General Rules.
2. Each banner should illustrate a phase of 4-H work which is being practiced by youth in 4-H or promote 4-H generally.
3. Banners will be checked in by 1 p.m. Tuesday, July 19th. Banners are a two-dimensional display, depicting one idea. **Letters should be at least 2" in height but not to exceed 6" in height.**
4. A label is to be attached to the front lower left-hand corner of the banner (as you face it) giving the name of the club.
5. **Take caution of copyright materials.**
6. Do not use copyrighted logo(s) or slogans.
7. **Community clubs are only permitted 1 entry.**

BASIS OF EVALUATION

1. **EDUCATIONAL VALUE**
 - a. Presents suggestions or striking facts that are simple in form & quickly grasped, or
 - b. Shows extent to which 4-H involvements meet a fundamental need, or...
 - c. Promotes decision and action.
2. **INTEREST AND ORIGINALITY**
 - a. Presents original, unusual or striking method of exhibition.
 - b. Holds interest of people until they have read or observed essentials of the message.
 - c. Defines clearly one central idea.
3. **APPEARANCE**
 - a. General appearance, artistic, neat and attractive.
 - b. Can be viewed and read (if words are used) at a distance up to 20 feet.
4. **QUALITY OF DISPLAY MATERIALS**
 - a. Display should be made of non-flammable materials that will permit the banner to be rolled/folded without damaging the banner. Three dimensional objects may not be attached to the front of the banner.
 - b. Banner must be a minimum of 12 sq. ft. and a maximum of 16 sq. ft., with no side less than 3 feet.
 - c. Banners must be hung on a rod strong enough to support the banner. On each end of the banner rod, there should be a wire or chain 6" long. One end of the wire will be fastened to the end of the rod. The other end will be connected to an

“S” hook which will permit the banner to be hung.

***CLASS 100** 4-H Club Banner

***CLASS 101** Individual Banner

BOOTH EXHIBIT

Location: 4-H Building

Judging Date: Wednesday, July 22nd, 1 p.m.

Category: Miscellaneous Project Judging

(*Not eligible for State Fair or Open Class)

Please notify the Extension Office if you want booth space before July 1st!

1. See General Rules.
2. Each booth should illustrate a phase of 4-H work which is being practiced by 4-H members.
3. Basis of awards:
 - QUALITY OF DISPLAY MATERIALS
 - GENERAL APPEARANCE & ATTRACTIVENESS
 - INTEREST AND ORIGINALITY
 - EDUCATIONAL VALUE
4. **Each participant or entrant is required to label its booth (with a card 4" x 16" giving the name of the club)** and to maintain the booth in a clean or orderly manner daily. Each participants or entrant should provide a barrier of light rope, etc., not crepe paper, to prevent entry by the public
5. Booth size is 6' x 6'.
6. Exhibit material should be made or grown by the club members in the current year.
7. **Power outlets are available around building, but entrants must bring their own extension cords.**
8. **Staples and fasteners may be used but must be removed at end of fair.**
9. **Booths will be inspected prior to being dismantled. If booths are not cleaned properly, premiums for booths will be forfeited.**
10. **Take caution of copyright materials.**

BOOTH

***CLASS 105** Other 4-H Booth

***CLASS 106** Project Club Booth

BUILDING BLOCK ENGINEERING

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

The project is starting with an emphasis on using architectural blocks (“Legos”) to construct dioramas. This project allows youth to explore architectural design in a three-dimensional space.

The following list of rules applies to CLASS 110-111, in regard to Kansas State Fair qualification.

1. 4-H members must be currently enrolled in the Kansas 4-H Building Block Engineering Construction project to exhibit in the following classes.
2. Each exhibitor may enter one exhibit. Exhibits must have been constructed during the current 4-H year.
3. Total exhibit dimensions may not exceed 2'Hx2'Wx2'D for entries. For display at Kansas State Fair.
4. The minimum exhibit dimensions must be at least 6” wide and deep.
5. All entries are required to be placed in a sturdy see-through enclosure with a top, bottom,

and 4 sides. A clear tub turned upside down with the exhibit placed on the lid would be an acceptable enclosure. It may be desirable to place a cutting board or other hard surface between the lid and base plate of the exhibit to make it MORE sturdy. This is to keep exhibit components from being “scattered” at the fair. The outer dimensions of the enclosure do not count towards the total exhibit dimensions but should not be excessive. The entire exhibit should fit in the display enclosure, so the enclosure does not smash into the exhibit during movement.

- Cases are to be removable and should not be bolted down, glued, or sealed in any way that prevents judges from touching the actual display. (Locking handles and snap shut lids are fine).
6. All components used in construction should be dust and hair free, clean, free of chips, scuff, cracks, or broken blocks.
 7. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake
 8. The primary building component should be interlocking blocks (Legos®)
 9. Other components can be integrated into dioramas to illustrate architectural aspects that maybe be difficult to convey with traditional interlocking blocks, for example marbles for small round objects.
 10. The use of existing “store bought” set for major elements of the display is not allowed. Use of figurines from the sets is allowed as are using individual bricks, or small sub-assemblies to create something different than the architectural component of the set it came from. For example, a car hood or front end from a car kit could be used in a “car museum,” just not the entire car. The intent of this is to ensure fairness among exhibitors and encourage maximum creativity instead of just following a set of plans.
 11. Dioramas should be suitably complex and have multiple elements. They can be of buildings (inside/outside), natural spaces, imaginative/fictional areas, compartments of vehicles, logic puzzles, about anything you can think of that’s not a picture or artwork. For example, a camp site that has a log cabin, a tree fort, and a car.
 12. Weapons are not prohibited in dioramas. Scenes depicting battles, like you would find in museums are acceptable exhibits. However, blood and “gore” is not to be added and will result in a ribbon place deduction.
 - 12 All dioramas should have a story, which is part of the information pack, that describes what is happening in the diorama; this can be as simple (the nursery rhyme “Jack and Jill” for example) or complex as needed to explain to someone looking at the exhibit what is happening.
 13. Vehicles that are intended to stay in a single place should be affixed to base plates with stick tack, hot glue, or other methods.
 14. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. For example, merry-go-rounds, doors, elevators, gears, marbles going down a channel, flapping wings, animatronics, etc. If included judges should be able to use them and instructions should be provided for operation either in the story or on a separate page
 15. Artistic designs, for example recreating paintings like the “Mona Lisa” or “Starry Nights” and sculptures like “David,” are not permitted as exhibits and one ribbon placing should be deducted. These exhibits should be displayed in Visual Arts.
 16. The exhibitor’s name (or ID), county, if applicable district, must be tagged or labeled. Additionally, the display case should have the exhibitor’s information attached to both the lid (base) and clear container (covering) as well, as the case may be separated from the display.
 17. Each exhibit must include an Architectural Block Construction information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
 18. Each exhibitor is required to complete the “4-H Building Block Engineering Exhibit Information Form” which is available through your local Extension Office or at <http://blocks.engtech4ks.com/> This form must be attached to the outside of a 10”x13” manila envelope. Do not tie the envelope to the exhibit. All revisions of forms previously

- released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year.
19. Each exhibit information packet should include the following items:
- * 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state. Final pictures help in determining where a part might go in case something comes loose.
 - * If appropriate operating instructions for mechanical portions of the diorama.
20. For the State Fair, the 4-H member must include a video telling the story of their project as well as a walkthrough of any project mechanics
- a. Videos with an accompanying release form signed the exhibitor's parent or guardian may be displayed at the State Fair in the Engineering and Technology exhibit area. (Videos are not required for Logan County Fair)

Junior (ages 7-9)

CLASS 109 Interlocking brick diorama built from scratch

Intermediate (ages 10-13)

CLASS 110 Interlocking brick diorama built from scratch

Senior (Ages 14 and up)

CLASS 111 Advanced Interlocking brick diorama built from scratch

The following list of rules applies to CLASS 112 & 113, regarding Logan County Fair qualification.

1. Must be enrolled in STEM-Architectural Block Construction project area to exhibit in the following classes.
 2. Each exhibitor may enter up to 3 entries per class. Exhibits must have been constructed during the current 4-H year.
 3. A group of items should be entered as 1 entry if they form a "collection". (i.e., Marvel®, Star Wars™, Disney®, etc.)
 4. Construction of entries can utilize any type of connective building materials (i.e., Lego®, K'Nex®, etc.)
 5. These entries for Classes 112 & 113 are *NOT STATE FAIR ELIGIBLE.
- ***CLASS 112** Architectural Block Construction by member design
 ***CLASS 113** Architectural Block Construction by kit (must include copy of kit instructions)

Educational Exhibits Rules

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits shall have a **clear link to the Engineering and Technology area** of Building Block Engineering.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational displays may use kits and any interlocking bricks used must adhere to the other general rules set forth. Educational displays are to inform the audience about something, for example, the Titanic. They are not to be merely an entry of a kit. Entries of just kits in the educational division will be disqualified.
5. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <http://blocks.engtech4ks.com/>.
6. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: "Make a Star Finder" <https://spaceplace.nasa.gov/starfinder/en/>
7. Educational displays are not to exceed a standard commercial 4' high X 3' wide X 2' deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions.

8. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 2' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
9. Posters are limited to commercial 3' X 4' tri-fold display boards.
10. Educational Project notebooks must be organized in a 3-ring binder or similar book.
11. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
12. Exhibitor's name (or ID), county, if applicable district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon place deduction.
13. Exhibits should possess the following qualities (in no particular order):
 - a) A central theme
 - b) What you want others to learn
 - c) Be designed and constructed in a manner befitting the exhibit
 - d) Be something you are interested in
14. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

Junior Division (Ages 7-9)

- CLASS 810** Building Block Engineering Educational Display
CLASS 811 Building Block Engineering Educational Notebook
CLASS 812 Building Block Engineering Educational Poster

Intermediate Division (Ages 10 – 13)

- CLASS 813** Building Block Engineering Educational Display
CLASS 814 Building Block Engineering Educational Notebook
CLASS 815 Building Block Engineering Educational Poster

Senior Division (Ages 14 years and older)

- CLASS 816** Building Block Engineering Educational Display.
CLASS 817 Building Block Engineering Educational Notebook
CLASS 818 Building Block Engineering Education Poster

COMMUNICATIONS

Location: District Club Days & Kansas State Fair

Youth will learn to interpret verbal and nonverbal information, develop effective public speaking skills, enhance written and spoken communication, defend a point, design a presentation, bring a reading to life and much more! For more information on how to exhibit in this project area, please contact our office or go to <https://www.goldenprairie.k-state.edu/4-h/index-4-h.html> Sign ups for the Kansas State Fair will be directed through your Logan County Fair Newsletters.

COMPUTER SCIENCE

Location: 4-H Building
 Judging Date: Tuesday, July 21st, 12:00 p.m.
 Category: Miscellaneous Project Judging

1. The actual construction of computer hardware (For example, building a computer, which would include computer components plugged into a motherboard, discrete circuitry soldered on a printed circuit board, or wire-wrapped circuitry) will be entered in the Electronics division.
2. If a safety violation is noted by the judge, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or

disqualification. A safety violation could include Malware, a virus, or any similar program that potentially is harmful.

Exhibit Requirements

1. All exhibits in the Computer Science division must be entered on a USB drive containing all supporting documents as listed below for each class.
 - a. The USB drive should be included in a manilla envelope with the Computer Exhibit Form (found at <http://computers.engtech4ks.com/> or your local extension office) attached to the front.
 - b. The USB drive should be labeled with the 4-H member's name or ID and county.
2. Source code must be included on the USB drive for all computer programming projects coded by the 4-H member. This could include a .txt file, python Script (.py), Scratch URL, etc. Failure to include the source code will result in one ribbon deduction.
3. Each exhibit must include written operating instructions including how to locate, run, and use the project. Operating instructions should be printed and placed in the manila envelope and included digitally on the USB drive.
4. Each exhibit must be accompanied by a typed requirements document included on the USB drive. See [<https://computers.engtech4ks.com/>] for a template that can be used for documenting requirements.
 - a. The requirements document should be started at the beginning of the project. It will include a list of goals and requirements that the 4-H member wants to include or achieve in their final project.
 - b. The project requirements section is formatted as a checklist, with the 4-Her checking off what they accomplished making adjustments throughout their work on the project as needed.
 - c. Flow charts, designs, or other diagrams may be included for computer programs to show the logical flow of the program as needed.
5. For coded computer programs, screenshots of the program will be displayed digitally at the state fair. A display screenshot must be included electronically on the USB drive. For county fairs, it is recommended to print screenshots for display at fairs that don't have electronic displays available.
6. All electric components of micro controlled devices must be adequately covered or concealed with a protective enclosure, specifically circuit board. Paper is NOT considered an adequate enclosure or covering for electrical components.
7. For the State Fair, the 4-H Member must include a video showcasing how to open and run the project as well as a walkthrough of any project mechanics.
 - a. Videos with an accompanying release form (<http://computers.engtech4ks.com/>) signed by the exhibitor's parent or guardian may be displayed at the state fair in the Engineering and Technology exhibit area.
 - b. The video must not be more than 8 minutes long and should be included on the USB drive.

8. Video requirements have been WAIVED for the Logan Co. Fair

Educational Exhibits Rules

Formatted: Indent: Left: 0", First line: 0"1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.

2. Exhibits shall have a clear link to the Engineering and Technology area of computers
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.

4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet available at <https://bit.ly/3QNQD6h>. <https://computers.engtech4ks.com/> .
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: "Make a Star Finder" <https://spaceplace.nasa.gov/starfinder/en>
6. Educational displays are not to exceed a standard commercial 4' high X 3' wide X 2' deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions.
7. Posters are limited to commercial 3' X 4' tri-fold display boards.
8. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) no larger than 2' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.
9. Educational Project notebooks must be organized in a 3-ring binder or similar book.
10. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
11. Exhibitor's name (or ID), county, or if applicable district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
12. Exhibits should possess the following qualities (in no particular order): A central theme
What you want others to learn
Be designed and constructed in a manner befitting the exhibit
Be something you are interested in
13. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification.
14. Posters, Notebooks, and Display Boards exhibits may be checked out for use in a Kansas State Fair 4-H demonstration or 4-H illustrated talk with prior permission. For permission, check with the superintendent or the information desk in 4-H Centennial Hall. The exhibit must be returned to display immediately after the demonstration/illustrated talk, or the exhibit will be disqualified. Exhibitors and/or their designees may not remove exhibits from 4-H Centennial Hall prior to the exhibit release time on Sunday evening without the express consent of State 4-H staff, any exhibit removed before release time without 4-H staff consent will be disqualified

Junior Division (7-9)

- CLASS 115** Computer Educational Poster
- CLASS 116** Computer Display Board
- CLASS 117** Computer Notebook

Intermediate Division (10-13)

- CLASS 819** Computer Educational Poster
- CLASS 820** Computer Display Board
- CLASS 821** Computer Notebook

Senior Division (14 and up)

- CLASS 822** Computer Educational Poster
- CLASS 823** Computer Display Board
- CLASS 824** Computer Notebook

Computer Systems

The Kansas 4-H Computer Science portion of the computer project is designed to allow 4-H members to explore how *information* is moved from one part of the computer to the other; how *information* is moved between two or more computer systems (networking); how *information* is stored; or how *information* is acted on (programming).

Any item which IS NOT a notebook, display board, or poster displayed in this class is considered a "computer system" exhibit and MUST follow the rules set forth below.

1. All exhibits must be:
 - a. Self-contained on a USB drive (thumb drive, flash drive, jump drive, or other any other name for a small USB storage device; the rules will use "USB drive"). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below.
 - b. System-On-A-Chip (SOC) (such as Raspberry Pi) or a Micro-Controller (such as an Arduino or Ozobot) and is a compact (less than 4-8"x4-8"x4-8") system, which can be programmed and requires minimal assembly to operate (e.g. connecting power, display, and keyboard/mouse cables). Referred to as a "chip system" through the rest of the rules.
2. Physical computers such as tablets, smart phones, laptops, or personal computers (PCs) will not be accepted as an exhibit.
3. "Chip Systems" may use/include GPIO bread boards or HATs (Hardware Attached On Top) the size of which is not included in the size of the chip system, however the total size of the chip system and GPIO devices may not exceed 24"x24"x24" including any protective enclosures.
4. Any attached GPIO devices are not judged for electrical construction or quality as this division is focused on the operational aspects of the systems (the code). Some of these systems, with automation, can also be classified as a Robot, and the exhibitor must which division to exhibit in as the exhibit may not be entered in both divisions.
5. For chip systems, all electric components of the system must be adequately covered or concealed with protective enclosure. Paper is NOT considered an adequate enclosure or covering for the electrical components.
6. All revisions of all forms previously released for the division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. Use of old forms should result in the loss of one ribbon placing for exhibits.
7. For all computer system entries, the following items are required as part of an exhibit packet:
 - a. A manila envelope with the Computer Exhibit Form, which is available through your local K-State Research and Extension office or at www.STEM4KS.com. This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit.
 - b. A USB drive labeled with the 4-Hers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
 - c. For exhibits that are entered only on USB drives, on graphic should be uploaded to emailed to pmaddy@ksu.edu with the exhibitor number by August 23rd for the Kansas State Fair judging. Logan County Fair will display the manila envelope.
 - d. Instructions to run any part of the exhibit on the USB drive. (There should be at least two (2) items in your manila envelope: USB drive and instructions)
8. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila envelope.
 - a. The "4-H Engineer's Journal" should start with a dated entry describing what the 4-H member is trying to accomplish/build.
 - b. The "4-H Engineer's Journal" should conclude with a dated entry describing what the 4-H member achieved in creating. (The start and end many times will be different. The judges are interested in the journey).
 - c. Additional entries in the "4-H Engineer's Journal" should be made as progress occur describing successes and failures; as well as the steps done and any sources of information including links used.
 - d. Pictures can also be included in the "4-H Engineer's Journal" but should not be more than 50% of the entries.
 - e. The "4-H Engineer's Journal" should contain at least one graphic.
 - f. The "4-H Engineer's Journal" must be at least 3 pages in length.

- g. An example of a “4-H Engineer’s Journal” can be found at <http://computers.engtech4ks.com/>
 - h. The “4-H Engineer’s Journal” will comprise 25% of the overall exhibit score. Failure to include a “4-H Engineer’s Journal” will result in the exhibit being disqualified.
9. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive. Failure to include a copy of the “source code” may result in up to one ribbon place deduction.
 10. Flow diagrams or decision trees showing the logical flow of the code must be included on the USB drive for all coded exhibits. PowerPoint presentations, for example, would not require a decision tree or flow diagram.
 11. Since there is no conference judging at the Kansas State Fair, a set of instructions must be provided to run the computer system/application. These instructions should be printed off and included in the exhibit package and a copy should be included on the USB drive.
 - a. FOR COUNTY FAIRS it is recommended that 4-Hers bring a computer that will run their project to the fair for judging as judges typically do not bring computers with them. Operating instructions are still required.
 - b. Instructions should be written as though you were helping a less techy person, (like a grandparent) operate your exhibit, similar to what is described in rule 12 below. An example of instructions can be found at <http://computers.engtech4ks.com/>
 12. Each exhibit MUST include a video of the youth following their instructions for operation. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on the USB drive or, if desired, uploaded to YouTube as an unlisted video and a link to that video included in a file titled “VideoLink”. These videos may also be considered for inclusion in a running video loop in the STEM area at the state fair after review by judges, superintendent(s), and extension staff. Adult guardians must complete the video release included with the exhibit form. If the release is not completed the video will not be included in the video loop on display in the STEM area at the Kansas State Fair.
 13. Each exhibit must accomplish a specific automated task using a computer, a chip system, or virtual machine (VM).
 14. Kanas State Fair Judge(s) in the computer systems division will have a physical computer with the following minimum configuration to test exhibits with and view files:
 - a. Microsoft Windows® 10 or Windows® 11
 - b. Microsoft Office® 365 (Excel, Power Point, & Word)
 - c. Microsoft Visual Studio®
 - d. Microsoft Edge Browser®
 - e. Mozilla Firefox® Browser
 - f. Google Chrome® Browser
 - g. Adobe Acrobat Reader®
 - h. Apache OpenOffice®
 - i. VMware Player Windows 64bit
 - j. Scratch Desktop editor (offline version)
 14. The STEM judges will have internet access at the Fair. Internet based content may be included in exhibits. Exhibitors should take great care and only go on-line with their guardian’s permission. User names and passwords should not be included in exhibits. If they are required to view the content, a temporary user account and password should be created for judging at the Kansas State Fair, once judging is complete the user name and password should be disabled on the account. If a separate user account is not possible, the content should be included as part of the video. **YOU SHOULD NOT SHARE YOUR USER NAME OR PASSWORD WITH OTHERS.**
 15. All licensing should be adhered to for any software used in the exhibit. Failure to do so will result in a reduction of one ribbon placing and may not be considered for best of show.
 16. The creation of viruses, malware, malicious applications or code, defamatory language or graphics, bullying, or any material that is “mean,” “dangerous,” or harmful according to the

judge's opinion will result in the exhibit being disqualified.

17. Pictures or still graphics created are not eligible for entry as a project in this division and should be entered in the appropriate photography division.
18. Judging will be based on a score sheet which can be found at <http://computers.engtech4ks.com/>

There are four (4) areas each exhibit will be judged on. They are:

- a. 4-H Engineers Journal (what I learned to make it work), 25% overall score.
- b. Instructions (how I help others make it work), 25% overall score.
- c. Functionality (does it work), 25% overall score.
- d. Diagrams (and code if applicable) (how I think it works), 25% overall score.

- CLASS 118** Computer program, application, app, script, or coded system that is new and unique (not merely a file run in a program, such as a 'word document' or a picture drawn in 'Microsoft Paint.')
- CLASS 119** Computer presentation (power point, web page/site, animated graphics, etc.)
- CLASS 120** Single computer system (web server, database server, etc.)
- CLASS 121** Networked system consisting of two or more computers
- CLASS 123** Chip system- a small (4-8"x4-8"x4-8") programmed physical device that accomplishes a specific task

CLOVERBUDS

Location:

Judging Date:

(*Not State Fair Eligible)

https://www.kansas4-h.org/get-involved/cloverbuds/docs/Cloverbuds_Policies.pdf

1. The 4-H Cloverbuds is the authorized 4-H educational option for 5 & 6 year old. Former programs, such as tag-alongs, mini 4-H, etc., can no longer be recognized as 4-H youth development programs.
2. 4-H Cloverbuds exhibits can be showcased at fairs and public events, but a 4-H Cloverbuds member may not participate as a competitive exhibitor in traditional 4-H events. The 4-H Cloverbuds member may exhibit or showcase activity-related items from their 4-H Cloverbuds' experiences at appropriate locations. The 4-H Cloverbuds member is not eligible to receive premiums or awards like traditional 4-H events. The 4-H Cloverbuds member may receive a 4-H Cloverbuds ribbon.
3. The 4-H Cloverbuds member can showcase a pet from the approved list in accordance with 4-H Cloverbuds pet policies. The 4-H Cloverbuds member may NOT have 4-H Livestock exhibits that require long-term ongoing care or weigh-ins, nor can the member participate as a competitive 4-H exhibitor within livestock divisions.
4. The 4-H Cloverbuds member may showcase a product, poster, or notebook of 4-H Cloverbud activities.
5. Pet Policies

* A 4-H Cloverbuds member may showcase a pet from the approved pet list below.

* Wildlife cannot be allowed (as per the Kansas Wildlife and Parks Policies and Statutes).

* All pets must be caged, leashed, and/or contained as appropriate and manageable/under control.

* A parent or guardian must be present with their child and pet at all times.

* Pets cannot be included in overnight exhibits at the fair but may be used as a show-and-tell activity or showcase.

Approved Pets

Amphibians- Frogs, Toads
 Cats
 Fish
 Guinea Pigs
 Mice
 Rabbits (Non-Market)

Ant Farms
 Dogs
 Gerbils
 Hamsters
 Parakeets

*CLASS 125 Cloverbuds Show & Tell

DOG CARE & TRAINING

Location: Logan County Fair Grounds
 Judging Date: Saturday, July 18th, 2026
 Category: Dogs

Dog Show will now be held at the Dick Farmer Arena in Oakley, on July 18th at

9:00 am Dogs must go home after the judging. 4-H'er only is encouraged to answer and/or ask judge questions.

1. Read General Regulations.
2. All teams, comprising of 4-H member who are 9-18 years of age and their dog, who meet county qualifications with a qualifying blue or purple in showmanship, obedience, agility, or rally obedience can compete in the State 4-H Dog Show.
3. **4-H Dog Show Immunization Record (only MG-34 Revised, October 2017 accepted) must be completed for each dog entered at the county and State 4-H Dog Show. The fully completed form must be presented at check-in to be eligible to compete.** Required vaccinations include **Bordetella**, Distemper, Hepatitis, Parvovirus, Parainfluenza, and Rabies. The rabies vaccination must be administered by a licensed veterinarian. All vaccinations must be current. **Dogs must be at least 6 months of age at time of show to compete in showmanship, obedience or rally obedience.** Dogs must be ONE year old for Agility.
4. Any abuse of dogs on grounds, or in the ring, will result in disqualification.
5. No dog in season will be allowed to show.
6. A well-fitting collar of leather, chain, or fabric is to be used for obedience and Rally Obedience; for Agility, a buckle or snap collar; for Showmanship, a show lead that serves as both collar and lead or a fine link chain collar, a "snake" chain or a fabric slip collar with a narrow, lightweight fabric or leather lead. No spiked, pinch, special training collars, and hanging objects from collars are allowed.
7. Any dog fouling the ring will receive a white ribbon. **Owners should collect all dog waste in plastic bags and put in trash.**
8. Baiting dogs is not allowed in the ring.
9. **No exhibitor mobile phones and/or other electronic devices are allowed in the ring.**
10. **DOGS ARE NOT ALLOWED TO RUN AT LARGE OR ACCOMPANY OWNER ANYWHERE ON FAIR GROUNDS AT ANY TIME.**
11. The County Fair Show will follow rules as listed in the published Kansas 4-H Dog rule books: Kansas 4-H Dog Show Rules Book (4H 1120 Revised, January, 2023)
12. **For time constraints, teams receiving a non-qualifying score may be excused from the ring at the show committee's discretion for long performance times (more than 5 minutes) AND repeated failures at obstacles.**
13. Good sportsmanship shall always be observed. The judges decision is final. Poor sportsmanship may lead to loss of ribbon, class dismissal, or disqualification from show as determined by judge. Any protest should be made in writing to the show committee. Exhibitors, parents, volunteers are not to approach the judge directly.
14. Score sheets are available at http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/dog/State_Fair_Dog_Show_Score_Sheets.pdf or through your local Extension Office for showmanship and obedience.

Showmanship Competition

Showmanship: The purpose of Showmanship is to provide 4-H'ers the opportunity to 105 show their dog and themselves to the best of their ability.

Entries will be judged on fitting of the dog: clean and well brushed, tone and condition of coat, healthy appearance, teeth, toenails, and eyes. Handler will be judged on alertness, grace, and ease, coordination with dog and reaction of dog to handler with straight and even gait and movement of dog.

CLASS 130 Jr. Showmanship - 7 - 9 years old (only those 9 and up eligible for State Fair)

CLASS 131 Int. Showmanship- 10-13 years old

CLASS 132 Sr. Showmanship – 14-18 years old

Obedience Competition

Obedience: Kansas 4-H Obedience is to provide 4-Hers the opportunity to demonstrate the teamwork necessary to work under a variety of conditions. In obedience, the intent is to evaluate the proficiency by which the dog and handler are able to perform various exercises as a team in much the same way as might be done in demonstrating the behavioral activities in normal life.

A 4-H member may enter only one dog per class. See rule 2 to enter the proper class. A score of 170 points or greater (blue or purple) is a qualifying score, with at least 50% in each exercise. In case of tie, a run-off on the heel free exercise will be held with one team performing at a time.

CLASS 133 Novice obedience (A)

CLASS 134 Graduate Novice obedience (B)

CLASS 135 Open A

CLASS 136 Open B

CLASS 137 Utility A

CLASS 138 Utility B

Agility Competition

Agility: The purpose of Kansas 4-H Dog Agility is to provide 4-H members the opportunity to demonstrate the teamwork necessary to work under a variety of conditions that challenge both the handler and dog. By teaching a series of obstacles, the 4-H'er provides the basic training and exercise that leads to a more versatile, well-conditioned dog. Different obstacles and courses present unique tests of speed, confidence, technical skills, athleticism, balance, communication, attentiveness, distance, and directional control. The task of leaders, judges, trainers, and handlers is to incorporate all these elements while maintaining a fun, safe environment for the dogs and 4-H'ers. The sport of agility provides a basis for other activities such as search and rescue. Agility is exciting for both exhibitors and spectators, as well as motivating for the dogs.

1. Dogs must be at least 12 months of age before competing.
2. Divisions for all Agility classes are
 - a. Small Dogs- under 15" at the withers.
 - b. Medium Dogs- 15-20" at the withers.
 - c. Large Dogs- more than 20" at the withers.

***CLASS 139** Pre-Agility/Agility Lead (*Not State Fair Eligible)

CLASS 140 Agility I

CLASS 141 Agility II

CLASS 142 Agility III

Rally Obedience Competition

Rally: The purpose of Kansas 4-H Rally Obedience is to provide 4-Hers the opportunity to demonstrate the teamwork necessary to work under a variety of conditions. In Rally Obedience, the intent is to evaluate the proficiency by which the dog and handler are able to perform various exercises as a team in much the same way as might be done in undertaking different activities outside the show ring.

***CLASS 143** Rally Level I on Lead (*Not State Fair Eligible)

CLASS 144 Rally Level II

CLASS 145 Rally Level III

ELECTRIC AND RENEWABLE ENERGY

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00p.m.

Category: Miscellaneous Project Judging

1. Read General Rules.
2. Entries that have been in use should be cleaned for exhibit.
3. A sheet of operating instructions must be furnished for any exhibit not self-explanatory.
4. Projects (classes 50, 51, 52, and 53) must be operable using only 110 or 120V AC or battery power. If battery power is required, batteries must be furnished.
5. Any project with a complexity of size or electronics must have (a) instructions for assembly and use and (b) equipment available at the time of judging for actual testing of the exhibit.
6. No hand dipped solder may be used on exhibits.

ELECTRICAL AND ELECTRONICS

- CLASS 150 AC Electric Projects.** Electric projects with a 110 or 120 V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliances extension cords, trouble lights, indoor or outdoor wiring boards, or shop lights. Projects may be a restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V, no 240 V exhibits are allowed, and must be constructed such that the judges have wiring access to examine the quality and safety of workmanship.
- CLASS 151 DC Electric Projects.** Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered project. Examples include: wiring two-way or three-way switches, difference between series/parallel lighting circuits or wiring doorbells switches. All DC electric projects must include batteries supplied by the 4- H member. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- CLASS 152 Electronic Projects.** Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. They may be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if the exhibit is from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.
- CLASS 153** Newly built or repaired computers. This class is for newly built or repaired computers (laptop or PC) and allows 4-H members to demonstrate skills integrating the various parts of a computer into a single unit. Displays should show either a fully functional computer or show what the individual components do. The display should be free of dust and cabled neatly. Fully functional computers should boot up and do not need to include a monitor, keyboard, or mouse at the State Fair.
- CLASS 154 Educational Displays and Exhibits.** The purpose of the educational display and exhibit is to educate the viewer about a specific area of the 4-H electrical or electronics project. The display or exhibit should illustrate one basic idea. This class includes any educational displays, exhibits or science fair type projects which DO NOT have a power source, i.e. exhibits, posters or displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology. Educational displays and exhibits must be legible from a distance of four feet, using a maximum tri-fold size of 3' x 4'.

ENTOMOLOGY

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12 pm

Category: Miscellaneous Project Judging

A 4-H member may exhibit in the ENTOMOLOGY COLLECTION, ENTOMOLOGY NOTEBOOK and/or EDUCATIONAL categories. Within each category that are classes in Beginning, Intermediate, or Advance phases in which they enroll. The Notebook category also has an Introductory class that 4-Hers may exhibit in the State Fair as long as they meet age requirements and County Fair ribbon placing requirements. An Introductory Entomology Collection Class exhibit is encouraged for county fairs (first year members only), but these may not be exhibits at the State Fair. See class descriptions within categories for requirements.

Resources for exhibiting can be found on the Kansas 4-H Entomology project page.

Insect Collection Rules:

1. All entries should be submitted in an 18 x 24 x 3.5" wooden display box with a clear plastic top (such as Plexiglas). Boxes can be handmade or purchased as long as they are of the correct size and do not have a glass top.
2. 4-H members may choose to use one of two taxonomies:
 - a. "Insects in Kansas" book or
 - b. "Insects in Kansas Book: 2016 Revised Taxonomy" which follows www.bugguide.net
3. Each exhibitor is required to identify each box with two identification labels bearing exhibitor's name, county or district, the class, and statement of taxonomy used. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so it can be displayed lengthwise.
4. The number of orders, specimens (and families where required) must be included on both of the exhibitor's box identification labels. Only one adult insect per species can be used in the Collection Boxes and Notebook Classes, unless labeled as male or female and correctly identified.
5. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then family where required.
6. Two labels should be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality. Full county name and state abbreviation should be on the second label. Collector's name (or host) on the date/locality label is optional.
7. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from on county into bordering states and labeled accordingly. Please refer to "Entomology Collection Exhibit Resource" for full details on out-of-state insects in collections.
8. Only specimens of the class Insects should be included.
9. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
10. Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose significant hazard to the rest of the collection if they become loose in transit.
11. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.
12. After the first year in entomology, all 4-H members need to add an 8 ½ by 11-inch sheet of paper to their collection that state what they did to improve their collection for the current year. This should include how many new insects were added to the display box (please list), how many insects were replaced in the display box (please list), and

- number of new orders and/or families were added to the display box. Other optional things that could be included are number of insects caught for the year, number of new Orders added this year, number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be taped to the upper left corner on the front of your display box.
13. The following insects are listed as Threatened or Endangered by the Fish and Wildlife Service. Because of this, no specimens of the below species may be caught or displayed in insect collections or educational displays. If specimens of these species are included in collections or educational displays, it will be counted as a major violation. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Please refer to www.kansas4-h.org on the Entomology project page for more information.
 - a. American Burying Beetle
 - b. Monarch Butterfly
 - c. Eastern Regal Fritillary Butterfly
 - d. Western Regional Fritillary Butterfly
 - e. Great Spangled Fritillary
 14. Threatened or endangered species cannot be displayed in collections, BUT pictures are allowed. Pictures must be of the live species. Youth cannot kill the insects to take pictures or damage the habitat
 15. A minimum of 10 new species must be added and/or replaced each year.
 16. Do not put the spindle-shaped bag of a Bagworm in your collections (as a female example of the species). These bags must be cut open to determine if the caterpillar inside is male or female. Opening the box to confirm the ID correctness could pose a significant risk to the collection.
 17. As outline in the General Rules of the Kansas State Fair 4-H Exhibitor Handbook “Exhibits at the Kansas State Fair are entered and displayed at the risk of the exhibitor”. For projects displayed in box-style exhibits – such as Entomology or Geology – that must be opened for judging, exhibitors may choose to include a closure mechanism on the box. While closures are not required, their use will not result in a ribbon deductions. Acceptable options include Velcro strips or hook style fasteners. Closures should not interfere with the box’s ability to be displayed on a shelf and must not be lockable.

BEGINNING 1 ENTOMOLOGY COLLECTION

CLASS 210 Display in one standard box a minimum of 50 and maximum of 125 species representing at least 7 orders. Follow the general guidelines listed for Collection. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first, then they must move up a division.

BEGINNING 2 ENTOMOLOGY COLLECTION

CLASS 211 Display in one standard box minimum of 75 and maximum of 150 species representing at least 9 orders. Follow the general guidelines listed for Collections. Members can exhibit in this class for a maximum of 3 years, or until they receive a purple at the Kansas State Fair, whichever comes first then and they must move up a division.

INT. ENTOMOLOGY COLLECTION

CLASS 212 Display a minimum of 100 and maximum of 300 species representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the follow six orders: (Only two will be counted for judging)

- a. “Insects in Kansas” book – Orthoptera, Hemiptera, Homoptera, Cleoptera,

- Hymenoptera, and/or Diptera or
- b. "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net – Taxonomy - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera.
- Members can exhibit in this class a maximum of 3 years. A 4-H member must move up if they receive a purple ribbon at the Kansas State Fair.

ADVANCED ENTOMOLOGY COLLECTION

CLASS 213 Display a minimum of 150 and a maximum of 450 species representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class at the Kansas State Fair for an unrestricted number of years as long as they remain eligible for 4-H membership.

NOTEBOOK CLASSES

1. Individual entries are to be placed for display in a three-ring notebook for competition. For the Intermediate and Advanced level, two notebooks may be used. A Title Page must be placed in the front of the second notebook. (Refer back to Rule #3 in Notebook Rules).
2. 4-H'ers who have been previously enrolled in or are currently enrolled in the other phases of Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the Introductory Phase.
3. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor's name, county our district, and class 4-H'er is enrolled in and statement of taxonomy used:
 - a. "Insects in Kansas" book or
 - b. "Insects in Kansas Book: 2016 Revised Taxonomy" which follows www.bugguide.net

The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
4. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.
5. Date, common name, full county name, state abbreviation and collector name should be included for each species. Collector's name on the specimen page is optional.
6. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
7. A statement describing the habitat where found/host plant may be included and is encouraged and will worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.
8. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page and also on the front of the divider page.
9. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
10. In the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.
11. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.
12. Any major violation of rules will result in the exhibit being dropped one ribbon placing.

Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.

INTRODUCTORY ENTOMOLOGY NOTEBOOK

CLASS 214 Display a minimum of 10 and a maximum of 30 insect species representing at least six different orders. Follow the general guidelines listed for Notebooks, including the Special Project. A 4-H member must be of minimum age to compete at the Kansas State Fair. A 4-H member may exhibit in this class for a maximum of two years.

BEGINNING ENTOMOLOGY NOTEBOOK

CLASS 215 Display a minimum of 20 and a maximum of 60 insect species representing at least 7 different orders. Follow the general guidelines listed for all Notebooks, including the Special Project. Members can exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

BEGINNING II ENTOMOLOGY NOTEBOOK: Display a minimum of 40 and a maximum of 70 insect species representing at least 8 different orders. Follow the general guidelines listed for all Notebooks, including the Special project. Members can exhibit in this class for a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair.

INTERMEDIATE ENTOMOLOGY NOTEBOOK

CLASS 217 Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special Project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

- a. "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
- b. "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net – Taxonomu - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

A 4-Her may exhibit in this class for a maximum of three years or until they receive a purple ribbon at the Kansas State Fair. A 4-Her may move up if they receive a purple ribbon.

ADVANCED ENTOMOLOGY NOTEBOOK

CLASS 218 Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general rules listed for Notebooks, including the Special Project. Follow the general guidelines listed for notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

Educational Display

1. Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.
2. Follow copyright laws as explained in the General Rules.
3. The exhibit may be, but is not limited to, original works, digital presentations presented on a USB drive (must provide printed hardcopy for exhibit purposes for duration of state fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.
4. If the exhibit is a wooden display box, it must be 18x24x3.5 inches with a clear plastic top

(such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22"x28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3'x4' tri-fold display board.

5. Name and county/district must clearly be marked on educational exhibits.
6. Refer to Entomology General Rule 14 for information on Threatened and Endangered Species specimens that cannot be displayed in Educational Exhibits.
7. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no reference information and/or photos, etc.

BEGINNING EDUCATIONAL EXHIBIT

CLASS 219 Class for individuals that are exhibiting in the Beginning I and II Collection or Beginning Notebook Classes. If only exhibiting in this category, then ages 9-12.

INTERMEDIATE EDUCATIONAL EXHIBIT

CLASS 220 Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14.

ADVANCED EDUCATIONAL EXHIBIT

CLASS 221 Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older.

Monarch Butterfly Educational Display Rules:

Monarch Butterflies were officially put on the Endangered Species List on July 21, 2022. Having the scientific name *Danatus plexippus*, this migratory butterfly is well known for its spectacular annual journey of up to 3,000 miles across the Americas. It is now threatened with extinction due to habitat loss and climate change. 4-Hers can play a critical role in helping to bring habitat back for the Monarch Butterfly. They can help educate the public on ways to establish food sanctuaries for this butterfly species and help bring them back from the threat of extinction.

1. Exhibits should teach the public about the Monarch Butterfly and/or ways to protect and conserve it. The information could show nectar sources for adult 20 butterflies and food sources for caterpillars, Monarch tagging activities, collection of native milkweed and then packaging it to give to others to plant, a group working together to plant a Monarch friendly garden, etc.
2. 4-Hers may create a poster, notebook, standard size tri-fold, diorama, slide show or other visual display that shows information on Monarch Butterflies. If a slide show is created, it should be presented on a zip drive along with a printed copy of the presentation.
3. Specimens of the actual Monarch Butterfly insect, caterpillars, or chrysalis **MAY NOT BE USED** in these displays.

CLASS 222 Beginning Monarch Butterfly Educational Display Class: for 4-H members enrolled in Beginning I or II Entomology

CLASS 223 Intermediate Monarch Butterfly Educational Display Class: for 4-H members enrolled in Intermediate Entomology

CLASS 224 Advanced Monarch Butterfly Educational Display Class: for 4-H members enrolled in Advanced Entomology

ENVIRONMENTAL SCIENCE

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12 pm

Category: Miscellaneous Project Judging

(*Not eligible for State Fair)

1. Entries can be displays, posters, or notebooks.

***CLASS 230 EXPLORING YOUR ENVIRONMENT**

***CLASS 231 WATER**

FAMILY STUDIES

Location: 4-H Building
 Judging Date: Tuesday, July 21st, 12 p.m.
 Category: Miscellaneous Project Judging
 (*Not eligible for State Fair)

FAMILY STUDIES

A family project book or activity project made by your family and/or a fun friend. A short explanation of the project might help.

***CLASS 235** Child Development

***CLASS 236** Consumer Skills

***CLASS 237** Family

FASHION REVUE

Location: Western Vista Building
 Judging Date: Friday, July 17th, 9:00 am
 Category: Shopping in Style & Sewing and Textiles
 (Formerly known as Buymanship & Clothing Construction)

Fashion Revue is an educational component of both the Sewing & Textile Design project and the Shopping in Style project. It emphasizes skill development in selecting, constructing or purchasing, accessorizing, and modeling of a garment or garments. Additional skills developed through the Fashion Revue are leadership, self-confidence, poise, good posture, good grooming, and planning.

Rules

1. Read General Rules. Style Revue judging will be Friday, July 17, 2026 at 10:00 a.m. at the Western Vista Building. Entry cards are to be filled out before the judging.
2. Any 4-H member can enter the Fashion Revue. Participants must be enrolled in the Shopping in Style or Sewing & Textile Design project to be eligible to participate at State Fair.
3. State Fair Eligibility will be determined by Grand & Reserve Champion awards for Intermediate and Senior Division. (10-18 age). KSF now includes all entries for competition, no longer splitting for a male & female division. *Limit for KSF is 2 contestants per class. KSF contest will be held on Saturday, September 13, 2025.*
4. Modeling in the Shopping in Style phase must be accompanied by an itemized statement of the entire costume. Both boys and girls are eligible to participate.
5. Individuals must participate in the Public Style Revue unless there are circumstances beyond their control which could prevent them from being present. **Premium money will not be given to those not participating in the public revue**
6. The 4-Her may exhibit at total 4 entries (all in the same class) for **Shopping in Style** Class division with 1 of those entries accompanied by the appropriate class division exhibit poster/display board. **Classes found on page 68.**
7. Participants may only model what can be worn. 4-Her's should use good sense in choosing items that are appropriate to be modeled publicly.
8. No live animals may accompany participant in Fashion Revue or Public Revue; see extension staff for the need of service animals.
9. Exhibitors may enter up to a total of 4 entries in **Sewing & Textile Design** for Fashion Revue contest. KSF entries must be determined if garment is to be judged in Sewing & Textiles or Fashion revue, you cannot submit for both.
10. **Cost Per Wear Forms are required for ALL AGE DIVISIONS entered in Fashion Revue Classes.** Include a 4 x 6 picture of exhibitor in outfit & fabric swatch if constructed with entry.

SEWING & TEXTILE DESIGN REVUE

A majority of the outfit must be constructed and modeled by the 4-Her who made the garment/outfit. Everything which is commonly considered an outer garment must be constructed (vest, jacket, dress, skirt, pants, coat, etc.) A sweater, blouse, or shirt that is not worn as an outer garment can be purchased or made.

(Only ages 10 and older are eligible for State Fair)

CLASS 240 A garment or outfit constructed by a 7-9-year-old.

CLASS 241 A garment or outfit constructed by a 10-13-year-old.

CLASS 242 A garment or outfit constructed by a 14-18-year-old.

SHOPPING IN STYLE REVUE

1. A majority of the outfit must be purchased (not borrowed) for the project, or made by another individual for the 4-Her if the fabric and pattern were chosen by the 4-Her. Everything considered on outside garment must be purchased by the 4-Her or made by someone else, (vest, jacket, dress, pants, etc.)
2. A 4-H member must be enrolled in the Clothing and Textile project to be eligible to participate at State Fair.
3. The committee urges those who display their ready-made garments at the fair to **please** display the garment with the ribbon.
4. The 4-Her may purchase 4 entries (all in the same class).

(Only ages 10 and older are eligible for State Fair)

CLASS 243 Shopping in Style Fashion Revue (7-9-year-old)

CLASS 244 Shopping in Style Fashion Revue (10-13-year-old)

CLASS 245 Shopping in Style Fashion Revue (14-18-year-old)

FIBER ARTS

Location: Western Vista Building
Judging Date: Monday, July 20th, 9:00 a.m.
Category: Fiber Arts Judging

1. Read General Rules.
2. 4-Hers must be enrolled in the Fiber Arts project to exhibit. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-Her.
3. All knitting and crocheting must be cleaned and/or freshly laundered and be presentable for exhibiting.
4. Fiber Arts are defined as any method of creating a unique design with fiber, fabric or yarn. This may include making fabric (such as wearing crochet, knitting, needlepoint); or when existing fabric is changed into something quite different (such as a quilting or embroidery or ethnic art). Ethnic Fiber Arts should use a fiber, yarn or fabric to create the design exhibit. Non-textile (examples include wood reed, straw, grass, etc.) baskets/pieces should be entered in the Visual Arts Division.
5. **A member may enter two exhibits in each class, with a total of up to 3 Fiber Arts Exhibits.**
6. All articles/garments must be finished for use. If not the article/garment will not be allowed to exhibit.
7. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.
8. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.
9. The 4-Her should attach an index card, no larger than 3" x 5", with the entry form to give the judge any information on what parts of the exhibit they made, processes used, or other information which the 4-Her thinks would be helpful for the judge. For all items, please

indicate if item was made from a kit. For all items, please indicate fiber content, and specifically if they are made of at least 60% wool. For quilted items indicate who did the quilting and binding.

10. **All exhibits which need to be hung, MUST have the appropriate saw tooth hanger, rod, wire, or other mechanism attached in order to be properly displayed. If necessary hardware is not attached, it may not be displayed.**

11. There are no age-specific classes in fiber arts.

CLASS 250 Crochet, an article including felted items

CLASS 251 Knitting, an article made either by hand or by knitting machine including felted items.

CLASS 252 Needle Arts, an article created by hand using any of the following techniques: a) embroidery and cross-stitch; b) needle point; c) candle wicking; d) crewel; e) lace work; and/or f) appliqué.

CLASS 253 Patchwork or Quilted article - It is an acceptable practice for the 4-Her to create the patchwork or quilted article and have someone else quilt it.

CLASS 254 Rug Making, acceptable techniques include braiding, latch hook, tying, floor cloth, etc. The finished product should be an item that would be an item used in the home.

CLASS 255 Spinning, a skein - minimum 10 yards in length.

CLASS 256 Weaving, a woven article - Members should attach information about the type of loom or process used. Woven wood reed basket, should be exhibited in Visual Arts

CLASS 257 Ethnic Arts, an article: this is defined as a Fiber Art/Textile technique that is associated with a specific country or culture. It is a practical skill that was developed to provide basic family needs such as apparel, home furnishings or decorations. It is also defined as a method that has been maintained throughout history and passed on to others, often by observation and by example, such as batik, Swedish huck- towel weaving, mud cloth, bobbin weaving, tatting, felted items that are not knitted or crocheted. 4-Hers should attach information on the history of the ethnic fiber art, where it was used, by whom, how it was used, short description of the technique, etc.

CLASS 258 Macramé, an article.

CLASS 259 Tied Quilts- No Sewing Required (Not State Fair Eligible)

CLASS 260 Fiber Arts Educational Notebook

FOODS & NUTRITION

Location: Western Vista Building

Judging Date: Monday, July 20th, 9:00 a.m.

Category: Foods Judging

Sign up for Judging Spots via Sign Up Sheets

General Rules.

1. **A member can make only five entries total. (This number would include educational exhibit, preserved food, or one Food Gift Package).**
2. There will be an Overall Jr. (ages 7- 9), Int. (10-13), and a Sr. (ages 14-18) Grand & Reserve Champ.
3. Recipes in the 4-H food projects are only guidelines. Comparable recipes from other sources may be used.
4. Any baked products that can be removed from baking pans should be placed on a plate, covered cardboard or disposable container. Exhibits should be in a food grade plastic bags, disposable plastic containers, or boxes. The entire product must be entered and uncut.
5. Layer cakes must be two or more complete layers.
6. Cakes must be made from scratch.
 7. All unfrosted cakes shall be exhibited in upright position with top crust showing
 - Exception: Bundt, chiffon and foam cakes baked in tube or bundt pans.
8. **Recipes are required for all exhibits. Please include 2 - one for judging and one for**

Food Sale Buyer. Recipes should be attached to left side of entry tag. **If recipe is not included, exhibit will not be allowed.**

9. 4-Hers are encouraged to use whole grain flours, fruits, nuts, etc.
10. All State Fair quality entries shall be given a purple and will be marked with "State Fair Eligible" sticker.
11. **For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. The calculation must be attached to entry, or the placing will be lowered one ribbon when judged. Frosting and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are included in the publication located at: <https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf> A worksheet is available at: chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://bookstore.ksre.ksu.edu/pubs/food-safety-of-frostings-and-fillings_MF3544.pdf**
12. **For food safety purposes, any food with custard and dairy-based fillings and/or frostings (ex. Cream cheese) raw eggs, flavored oils, "canned" bread or cakes in a jar, cut fresh fruit or any foods requiring refrigeration (ex. Bacon) or unbaked exhibit with raw flour (ex. *Unbaked Cookie Dough*) will be disqualified and not judged. Refer to K- State Research & Extension publication, 4-H 488, Judge's Guide for Food & Nutrition Exhibits, (March, 2019) for information to help you make informed, safe food exhibit decisions.**
13. Alcohol (ex. Wine, beer and hard liquor) is not allowed as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not be judged
14. Educational classes: Exhibits may be in the form of a poster, notebook or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select materials that will withstand Fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". Displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county or district must be clearly marked on educational exhibits. The educational exhibit evaluation form will be provided at judging time. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.
15. **All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 3 cookies, 3 muffins, 3 bread sticks, 1 loaf bread, etc.**
16. Under baked entries will be lowered one or more ribbon placings.
17. Dried foods must be exhibited in the Food Preservation division.

Food Auction Rules:

- The Food Auction and Sale will take place directly following the Public Style Revue.
- Food Exhibits will be auctioned in the following order: Senior Grand Champion, Intermediate Grand Champion, Junior Grand Champion, then all remaining items in ribbon order (Purple, Blue, Red, and White).
- All food will be auctioned on a price per item basis.
- All food project members are required to sell one item at the auction. It is the exhibitor's responsibility to indicated to the superintendents which item will be sold. If he/she enters more than one food item, the highest ribbon placing will be sold.
- **If cookies, bar cookies, muffins, fruit leather, or other classes where only 3 items are stated, 4-H'ers must provide one dozen of that baked food item for food auction (12 cookies, 12 bar cookies, etc.) for snacks, cereal, crunch, etc., 4-H'er must provide one-quart size container to be auctioned.**
- The 4-H member will receive the total sale price of the designated food auction item.
- It is the 4-H'ers responsibility to get food items to the buyer during or following the auction.
- Food baskets will not be auctioned.
- Dress attire for sale: Jeans and shorts in good repair. Blouses & shirts only. **No** crop tops, tank tops, halter tops, T-shirts, or hats.

Foods Level 1 Classes (ages 7-9)

CLASS 270 Best Flop

CLASS 271 Non Perishable food product or similar recipe made in level 1, example -snack Mix, muffins, drop cookies

CLASS 272 Educational Exhibit

CLASS 273 Decorated Cakes
CLASS 274 Food Gift Package

Foods Level 2 Classes (ages 10-13)

CLASS 275 Best Flop
CLASS 276 Non Perishable food product or similar recipe made in level 1, example – snack Mix, muffins, drop cookies
CLASS 277 Educational Exhibit
CLASS 278 Decorated Cakes
CLASS 279 Food Gift Package

Foods Level 3 Classes (ages 14 and older)

CLASS 280 Best Flop
CLASS 281 Non Perishable food product or similar recipe made in level 1, example – snack Mix, muffins, drop cookies
CLASS 282 Educational Exhibit
CLASS 283 Decorated Cakes
CLASS 284 Food Gift Package

Decorated Cakes

1. Entries in cake decorating require this to be an actual cake. All Decorated cakes may be cut.
2. Overall frosting and decorations are all that is judged.
3. Decorations: Preference is given to 4-H'ers using non-commercial decorations and original design. Acceptable Decorations include: handles for basket cakes, dolls for doll cakes, tier dividers, clown heads and commercial lace under cakes. The use of plastic decorations not previously mentioned will not disqualify an entry but may lower the ribbon by one place.
4. Decorator or royal frosting must be made from scratch. Traditional buttercream frostings need to be refrigerated.
5. Participants enrolled in Cake Decorating for the first year need to use 1 decorating tip; second year participants should use 2 tips; and third year participants need to use 3 or more decorating tips.
6. It is expected that with increased years in the project, 4-H'ers will use additional decorating tips and techniques and rely less on commercial decorations.
7. Use heavyweight cake decorating cardboard. It can be purchased at Hobby Lobby, Michael's, Wal-Mart, or Sweet Baking Supply. Cover the board with foil, plastic wrap or decorative paper and attach the required food label and entry tag. Do not use personal dishes.

Food Gift Package

*A Sr. and Jr. Grand and Reserve Champion food gift package will be selected, if quality is shown.
 (To be part of the 5 Food and Nutrition total entries allowed.)*

No alcoholic beverages. At least 3 different food items prepared for human consumption made by the 4-H'er in a container no larger than **18"x18"x18"**. Must have recipes attached with the entry. Additional homemade food items beyond the 3 minimum, or purchased items may also be included in the gift basket. **On the back of the entry card, answer these questions: a: what is the intended use; b) what food safety precautions were taken during and after preparation?** This entry will count as a non-perishable food product, not as an educational exhibit. Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturer's instructions. They could break during baking. It is recommended that packaging allow all or part of product to be seen; for example, if displayed in a paper or fabric bag, cut a view hole and place product in a plastic bag inside the paper or fabric bag. Evaluation standards include: Creativity in presentation and container and appropriateness for desired situation considered. Appearance of prepared food items-should be attractive and meet standard of the project, i.e. uniform size, evenly browned, etc.

FOOD PRESERVATION

1. Read General Rules.
2. Exhibits must have been preserved since the member's previous year's county fair, and not been exhibited at the previous State Fair. Example: For Fair date July 22, 2021 items canned following that date can be exhibited at this year's fair.
3. Recommended recipes and processing methods must be used. Recipes must be from current AND MUST BE ADJUSTED FOR ELVATION based on your processing location, or it will be disqualified. Processing methods that will be disqualified include: Open kettle-

canning, oven canning, sun canning, and using electric multi-cookers (Instant Pot). If using the Presto Precise Digital Pressure Canner, please indicate the appliance is used for either water bath or pressure canning. For more information on electric multi-cookers, see http://nchfp.uga.edu/publications/nchfp/factsheets/electric_cookers.html Untested recipes will be disqualified for food safety reasons. Tested recipe resources include:

- ✿ K-State Research & Extension Food Preservation publications
- ✿ Other University Extension Food Preservation publications
- ✿ USDA Complete Guide to Home Canning, @2015
- ✿ So Easy to Preserve, 6th edition, The University of Georgia Cooperative Extension Service
- ✿ Ball® Blue Book Guide to Preserving, Edition 38
- ✿ Ball® Complete Book of Home Preserving, @2024
- ✿ Canning mixes (i.e. Mrs. Wage's, Ball®)
- ✿ Pectin manufacturers (i.e. SureJell, Ball®)
- ✿ [KSRE Rapid Response Center Preservation Recipes](#)
- ✿ [National Center for Home Food Preservation](#)
- ✿ [Ball®](#)

Refer to following K-State Research and Extension publications for more information:

- 4H 712, [Food Safety Recommendations for Food Preservation Exhibits](#);
 - MF3170, [10 Tips for Safe Home-Canned Food](#);
 - MF3171, [Sassy Safe Salsa at Home](#);
 - MF3172, [What's Your Elevation?](#)
 - MF3241 [How to Guide to Water Bath Canning and Steam Canning](#)
 - MF3242 [How to Guide to Pressure Canning](#)
4. Alcohol is **not allowed** as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.
 5. There are no safe recommendations to can white peaches or elderberries
 6. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include exhibitor name, recipe source, date of publication and elevation where food was processed. If using Mrs. Wage's or Ball® mixes, indicate the date the mix was purchased.
 7. Exhibits must be heat processed in clean, clear standard canning jars, with new matching brand (ex: use Ball® lids on Ball® jars.) two-piece lids. This includes fermented foods. Do not use colored jars, fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. Do not reuse jars from commercial food products (ex. Spaghetti sauce jars). No fancy packs unless recipe states to do so (ex: Pickled asparagus) Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe (ex: Salsa is canned in pint jars only, no quarts). Note: There are 12-ounce, 24-ounce, and 28-ounce canning jars available and may be used. Use pint jar process recommendations for 12-ounce jars. Use quart jar process recommendations for 24-ounce and 28-ounce jars.
 8. Each jar exhibited must be labeled. The label must not cover brand name of the jar. This label must give:

Class No _____	Product _____
Name _____	
County/District _____	
Elevation where processed _____	Process Time _____
Canning Method: Water Bath OR Pressure	
Dial Gauge (psi) _____	Weighted Gauge (psi) _____
Date processed (month/year) _____	

Templates to make [adhesive labels](#) click this link.

Hole punch the entry tag and use a rubber band to attach the entry tag and recipe around the top of the jar.

9. If dried food product is not in a canning jar, it will be lowered one ribbon rating.

Suggested amount: 1/3-1/2 cup, or three or four pieces per exhibit. Dried products must include the recipe, preparation steps and heating instructions.

10. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in "Dry Meat Safely at Home."

CLASS 296	One jar sweet spreads (Fruit and/or Vegetables), or syrup
CLASS 297	One jar fruits, juices, Fruit mixtures (Salsa, Pie Filling, etc.)
CLASS 298	One jar low acid vegetables (green beans, corn, etc. or vegetable mixtures.)
CLASS 299	One jar pickles (Fruit or Vegetable) Fermented Foods and relishes and Chutney
CLASS 300	One jar tomato/tomato products Tomato Juice and Tomato Salsas; (Salsa in pints only, no quarts)
CLASS 301	Canned meats- one jar
CLASS 302	Dried foods B One Small Jar

FORESTRY

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12 pm

Category: Miscellaneous Projects Judging

1. Read General Rules.
2. All leaf exhibits (except Class 121) are to be mounted on 8 ½" x 11" heavy stock paper and placed in loose-leaf binders. (Magnetic or adhesive filler sheets for photographic prints or sheet protectors are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose (maximum exhibit size 3' x 4'). Resources for exhibiting are located on the Kansas 4-H forestry project page: <https://www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-sciences/forestry.html>
3. Name, club, age, and year in project should be on front cover or in a prominent location.
4. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) the proper common name as listed in the 4-H Bulletin 334, "List of Native Kansas Forest Trees" <https://bookstore.ksre.ksu.edu/pubs/4H334.pdf> (2) Scientific Name (Optional in 2025 and required in 2026) (3) Location (city and or county) where collected; and (4) date (day, month, year) or (month, day, year) collected.
5. Intermediate Forester. Exhibit only in phase(s) enrolled.
6. Senior Forester enrolled in Self-Determined can exhibit in Self Determined Forestry at the State Fair.
7. Divide specimens into the following two sections: Native Kansas Trees, and Non-Native Trees.
8. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
9. Group specimens according to the years collected (ex. "old-previous years" and "new")
10. Variations of varieties do not count as different species or specimens.
11. When replacing previously displayed samples, due to degradation, improper mounting, or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens. Replacements should be displayed in the "old previous" section of the display.
12. If you retrieve information on your forestry exhibit, you must include a reference citation to the source.
13. In leaf collections, (Jr. and Int. Forester), exhibit on complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and

illustrate where the exhibited portion is from. Note: A “leaflet” is incorrect when displayed as the complete leaf for the tree.

14. All work must show originality. Leaf collection displays should not closely resemble work done by other in the same club.

Knowing Trees as individuals (Leaf Collections)**

CLASS 305 Forestry Collection: (Choose either A or B) Only those exhibiting at the fair for the first year may enter this class

- A. Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 5 native Kansas trees showing leaf, twig and fruit from each species.

CLASS 306 Forestry Collection (Choose A or B) This class is open to those exhibiting either for the first or second time at the fair.

- A. Exhibit a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 10 native Kansas trees showing leaf, twig, and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

CLASS 307 Forestry Collection: (Choose either a or B) This class is open to those exhibiting either for the third or fourth time at the fair.

- A. Exhibit a minimum of 30 different leaves (including 10 new species) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 15 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

CLASS 308 Forestry Collection (Choose either A or B) This class is open to those exhibiting the fifth time or more at the fair.

- A. Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.
- B. Exhibit a minimum of 20 native Kansas trees showing leaf, twig, and fruit from each species collected. This exhibit must include 10 new leaf, twig and fruit specimens.

**Exhibit one complete leaf where possible. Where leaf is too large, exhibit as much of terminal portions as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion comes from.

How A Tree Grows

CLASS 309 Notebook: Entry may include a project notebook with 10 or more seeds collected with pictures showing a germination study or a mounting of a thin section of wood cut from the end of a log or top of stump labeled with information such as kind of wood and age of tree when cut or exhibits an illustration of how a tree grows.

Tree Appreciation

CLASS 310 Notebook: Entry may include a research or reporting project notebook with no more than 10 pages based on the exhibitor=s selected tree. This notebook may include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected.

Growing and Protecting Trees

CLASS 311 Display/Notebook: Entry requires a display, or project notebook talking about project and pictures before, during, and after planting seedlings, a container tree, or a balled and bur lapped tree. Maximum tri-fold size is 3' x 4'.

Tree Culture

CLASS 312 Display/Notebook: Entry requires a display, or project notebook, showing your project work and includes pictures of before, during and after wood lot for improvement. Maximum tri-fold size is 3' x 4'.

How Forests Serve Us

CLASS 313 Entry may include collected wood samples (all or partial) and 2page essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3' x 4'. Essay should be displayed in a covered binder.

Educational/Creative Exhibit

CLASS 314 Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum size of 3' x 4'. Care should be taken to use durable materials that will withstand Fair conditions. This is a good class to exhibit an unusual collection

GEOLOGY

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12 p.m.

Category: Miscellaneous Project Judging

1. The exhibit box's outside dimensions should be 18" x 24" x 3 ½ ". **Plexiglass covers are required. Boxes with glass covers WILL NOT be accepted.** All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep exactly. If a box has a sliding Plexiglas cover, it must be removable from the top. Screws, locks, or other devices that would prevent judges from removing the cover should not be used. For Lapidary classes only, the dimensions of the box should be appropriate for the display, but outside dimensions should not exceed 18"x24"x3 1/2".
2. Each exhibitor is required to identify each display box by placing an identification label bearing their whole name or first initial with last name, county or district, and number of specimens in the upper left-hand corner of the **Plexiglass** cover, and by attaching a label with the same information on the lower right corner of the box (outside).
3. Exhibitor may enter in both geology and lapidary classes. Exhibitor may show in only one of the first four geology classes (320, 321, 322, and 323). Exhibitor may also show in geology class 324 (special exhibit), 325 Mineralogy, 326 Fossils and in one lapidary class.
4. Geology specimens should be labeled with the number of specimen, date collected, specimen name or description, and locality (county only) where collected.
5. All Specimens must be collected in the state of Kansas during the current 4-H year, which will be allowed starting on the day after the conclusion of the State Fair.
6. For the geology classes 320, 321, 322, 323, and 324, specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class and Genus level (if possible, or part if Genus cannot be determined) . The Genus specimen name is to begin with a capital letter and the whole specimen's name must either be italicized or underlined, not both. Species name is not required however, if a species name is used it must be all lowercase and either italicized or underlined, not both. The words "Phylum, Class, Genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents **different** geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Composita).
7. For geology classes 320, 321, 322, 324, and 325 all specimens must be collected by the participant (not purchased) from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and Jasper Counties, MO. Other out-of-State specimens will not count in the minimum number for the class, nor will they be considered in the judging.

GEOLOGY CLASSES

- CLASS 320 Geology-** Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. Limited to one exhibit box. Only those exhibiting at the county fair for the first time may enter this class.
- CLASS 321 Geology-** Display at least 30 different rocks, minerals, or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Limited to one exhibit box. This class is open to those exhibiting either their second or third time at the county fair.
- CLASS 322 Geology-** Display at least 45 rocks, minerals, or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibit limited to two boxes. This class is open to those exhibiting the fourth or fifth time at the county fair. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on label or have a legible key.
- CLASS 323 Geology-** Display at least 60 rocks, minerals, or fossils, at least 5 of each. **Fifteen must be collected during the current 4-H year.** Exhibit limited to two boxes. This class is open to those exhibiting the sixth time or more at the Fair. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key
- CLASS 324 Geology Educational Exhibit-** Exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts, or Indian artifacts. Exhibit limited to 4 feet of table space. **Care should be taken to use durable materials that will withstand Fair conditions.** Exhibitor may show in the class regardless of number of times he/she has exhibited at Fair or whether exhibitor has entries in classes 320, 321, 322, 323, and 324. Exhibitor may also exhibit in lapidary class.
- CLASS 325 Mineralogy-** Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (i.e.: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (i.e.: CaCO₃ for calcite) if known.
- CLASS 326 Paleontology (Fossils)-** Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.) The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen; date collected; county where collected; formation, member, or source; phylum, class, and genus or part; and geologic age (Cretaceous, Permian, Pennsylvanian, etc.) See #5 for additional fossil labeling expectations.
- Class 327 Petrology (Rocks)-** Display a minimum of 15 rock specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. Rocks are to be grouped by the 3 rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. The specimens must fit in one standard display box. Specimen labels must include a specimen number, the date collected, name of specimen, and the county where collected. All rocks must be identified by the formation and member name (Examples: Fort Hays Limestone, Member of the Niobrara Chalk Formation) or source (Examples: Rocky Mountain Outwash, glacial till)

LAPIDARY CLASSES

The lapidary will be judged on the following criteria:

WORKMANSHIP AND CONTENT – 60 pts.

PRESENTATION AND SHOWMANSHIP-30 pts.

ACCURACY OF INFORMATION – 10 pts.

The dimensions of the box should be appropriate for the display but outside dimensions should not exceed 18"x24"x31/2".

The work (polishing/tumbling) must be done by the exhibitor as this is part of the learning process.

All lapidary specimens should be labeled with the following information:

- Specimen name
- Place of origin (country, state, or county; county required for Kansas specimens)
- Purchased or self-collected
- Date lapidary treatment began
- Date lapidary treatment completed (Treatment completed after the State Fair is considered a new year specimen).

CLASS 328 Lapidary. Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of "before and after", nor do they have to be self-collected. Locales must be identified. Only those exhibiting lapidaries at the State Fair for the first time may exhibit in this class.

CLASS 329 Lapidary. Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H member collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

CLASS 330 Lapidary. Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least two varieties should be collected from the native site by the 4-H member, at least one of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

CLASS 331 Lapidary. Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H member, at least two of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

CLASS 332 Lapidary. Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, and end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least three cabochons of any size or shape, only one of which may be free-formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

*Special lapidary exhibits should be entered in CLASS 142. Please note that each member is limited to one entry in this class.

HEALTH AND WELLNESS

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 pm

Category: Miscellaneous Project Judging

(*Not eligible for State Fair)

BICYCLE

(*Not eligible for State Fair)

***CLASS 335** Bicycle 1 - 7-10-year-olds, beg.

***CLASS 336** Bicycle 2 - 11-13-year-olds, int.

***CLASS 337** Bicycle 3 - 14-18, adv.

***CLASS 338** Display, poster, notebook, etc.

HEALTH & FITNESS

***CLASS 339** Display, Poster, Notebook, Etc.

OUTDOOR ADVENTURES

***CLASS 340** Display, Poster, Notebook, Etc.

RECREATION

***CLASS 341** Notebook and/or miscellaneous Exhibit

HORTICULTURE & LANDSCAPE DESIGN

Location: 4-H Building

Judging Date: Thursday, July 23rd, 10:00 a.m.

Category: Horticulture

Learn when, where and what to plant; learn the difference between cool and warm season vegetables; learn plant parts and how they are used; learn how to use basic garden tools; study seed varieties and starting seeds indoors; study preventative pest controls; learn about specialty harvests and selling your produce; study plant pollinations; study food industry careers; and learn about biotechnology.

1. Read General Regulations.
2. Products exhibited in this division must have been grown by the club member in the current club year.
3. Exhibits should be as mature as possible.
4. There will be a flower show at State Fair.
5. Horticulture exhibits will be divided into a Jr. (7-9), Int. (10-13), and Sr. (14-18) division as of January 1, of the current year.
6. **There are now two divisions of Horticulture. There will be a Vegetables/Fruits Division and a Flowers/Foliage Division. Each division will have a Jr., Int., & Sr. Grand & Reserve Champ.**
7. All materials should be grown and collected rather than purchased.
8. Information about exhibiting produce is available online in the publication AExhibiting Fruits and Vegetables@ available at <http://www.ksre.ksu.edu/bookstore/pubs/c405.pdf>
9. A county fair exhibitor earning a purple ribbon for an "out of season" vegetable/fruit/herb (i.e., early peas) may substitute another vegetable/fruit/herb (i.e., pumpkins) in its place at the State Fair.

Produce Exhibits

CLASS 345 Garden Display – Each exhibitor in this class will be limited to four square feet of space. The Garden Display must be exhibited in a tray, basket or container that can be easily moved by the fair staff. Exhibit consists of five different types of fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only one variety of each type of vegetable or fruit may be exhibited. The numbers of the five types of vegetables or fruits to be exhibited are as follows:

Large Vegetables - one each - Cabbage, Cantaloupe, Eggplant, Large Pumpkin, Squash, Watermelon.

Medium Vegetables - five each - Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Radishes, Sweet Potatoes, Tomatoes, Garlic, or other similar sized vegetable.

Small Vegetables - twelve each - Green snap beans, wax beans, English peas, cherry and pear tomatoes, or other similar sized vegetables.

Small fruits (One half pint box) – Strawberries, blackberries, raspberries, or other similar sized fruits.

Tree Fruits (5 each) – Apples, pears, peaches, or similar sized fruits.

Grapes (2 bunches).

CLASS 346 Small vegetable specimen plate (12 each) Ex. Green snap beans, yellow wax beans, cherry tomatoes, and other small vegetables.

- CLASS 347** Medium vegetable specimen plate (5 each) Ex. Cucumbers, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, radishes, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, miniature pumpkin, decorative gourds, garlic, or other medium vegetables.
- CLASS 348** Large vegetable specimen plate (1 each) Ex. Watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, other large vegetable.
- CLASS 349** Fresh Culinary Herbs (**6 each**) Ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of ONE VARIETY of fresh herbs must be exhibited in a disposable container of water. Dried herbs are not accepted.
- CLASS 350** Small fruits (one half pint box) Ex. Strawberries, blackberries, raspberries, or other similar sized fruits. (if other, please include name of fruit on entry)
- CLASS 351** Tree Fruits (plate of 5) Ex. Apples, pears, peaches, or similar sized fruits.
- CLASS 352** Grapes (plate of 2 bunches)

Flowers/Foliage/House Plants

1. It is recommended that flowers and arrangements be in disposable containers (single stems in plastic bottles, arrangements in disposable plastic, etc. **If a non-disposable clear with no slogan's container is used, mark it plainly with your name and county.** The Fair Board is not responsible for the loss or damage of any vases or containers. Containers cannot be picked up until exhibit release.
2. All plant materials should be grown and collected rather than purchased. Entries should not take over one square foot of table space.
3. Potted plants are not accepted for Kansas State Fair entries. They are accepted at local fair units.
3. After judging has occurred it is acceptable for the 4-Her to replace wilted flowers with a fresh one to be on display during the rest of the fair. The flower must be the same or as close as possible to the original entered. Exhibitor is responsible for watering exhibits. Information about exhibit flowers can be found online in the publication "Preparing Cut flowers for Exhibit", available at <http://www.ksre.ksu.edu/pubs/4H826.pdf>

CLASS 353 Annual Garden Flower, cut specimen, single stem.

CLASS 354 Perennial Garden Flower, cut specimen, single stem.

CLASS 355 Fresh Flower Arrangement

CLASS 356 Dried Flower Arrangement, no fabric or plastic material allowed. Materials must be grown/ collected by the exhibitor.

CLASS 357 Potted Plant Arrangement * *Not State Fair Eligible*

CLASS 358 Horticulture Notebook - Entry shall consist of a notebook or three-ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer=s market business, or another horticultural project. 4-H members are encouraged to include photographs, illustrations and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during and after the completion of the project are particularly helpful. Exhibitor may enter one horticulture notebook. Horticulture notebook scoring is based on the following criteria: Organization and General Appearance (neat, includes title page and table of contents, original, creative, etc.) 20%, Narrative (including goals, successes, failures, etc.) 40%, General Content (subject matter, photos, maps, knowledge gained, etc.) 40%

INDIVIDUAL AND COMMUNITY RESOURCES

Location: 4-H Building
 Judging Date: Tuesday, July 21st, 12:00 p.m.
 Category: Miscellaneous Project Judging

Civic Engagement (Citizenship) (*Not eligible for State Fair)

Notebook and/or miscellaneous exhibit in all classes.

***CLASS 360** Level 1 (7-9 years old)

***CLASS 361** Level 2 (10-13 years old)

***CLASS 362** Level 3 (14-18 years old)

Exploring 4-H (*Not eligible for State Fair)

***CLASS 363** Notebook and/or miscellaneous exhibit made for project

Leadership (*Not eligible for State Fair)

***CLASS 364** Leadership Level 1 – 7–9-year-olds

***CLASS 365** Leadership Level 2 – 10–13-year-olds

***CLASS 366** Leadership Level 3 – 14–18-year-olds

Reading (*Not eligible for State Fair)

***CLASS 367** For Enjoyment- Notebook and/or miscellaneous exhibit

***CLASS 368** For Project Enrichment- Notebook and/or miscellaneous exhibit

***CLASS 369** For Discussion- Notebook and/or miscellaneous exhibit

Project Resources on all the above categories can be found on the Kansas 4-H website under the PROJECTS Tab. <https://www.kansas4-h.org/projects/>

INTERIOR DESIGN & ARCHITECTURE

Location: 4-H Building
 Judging Date: Tuesday, July 21st, 12:00 p.m.
 Category: Miscellaneous Project Judging
Formerly Known As: Home Environment

This project is currently in its pilot year (2025/2026) and all exhibit categories are new. 4-H members exhibiting in this project have been involved in statewide project meetings and discussions throughout the 2025/2026 4-H year.

Project Overview:

Architecture and Design is an important aspect of creating work and living environments that feel good and serve a purpose to those who utilize them. Designing the feel, look or mood of a room with lighting, furniture, wall placement and design elements are all examples of ways to incorporate the design process into your environment. Learning and experimenting with the elements of design – color, line, value, space, shape form and texture, is important. Of equal importance is knowing how to work with the principles of design – proportion, scale, balance, rhythm, unity and variety. Being a designer (architect, industrial/product designer, interior architect or interior designer) starts with having an end goal in mind and using each step of the planning process to support the end goal. Good designers understand how design makes a space look good and the components needed to put it together. The overarching goal is to create a space that is structurally sound, safe, inclusive, functional, and inviting to all.

Rules:

1. An entry card must be attached to the exhibit with material appropriate to the exhibit: safety pins, tape, string, etc.
2. Projects with missing or insufficient summary will be lowered one ribbon placing.

Classes:**Interior Design Focus:**

Interior Designers have a capacity to influence the way we feel when we inhabit a space. In some instances, this impact can be felt emotionally and physically, in other words, it can affect our mood. Tools such as color, light, texture and pattern can all be used to convey or stimulate such a response to a space.

Class 801- Room Design Board. Select one room within your home or imaginary/future home (bedroom, bathroom, kitchen, etc.) to design. - Create a basic floor plan showing wall footprint including any furniture, fixture and/or cabinet layout. Include any other illustrations, drawings or photographs to help support your design. Also include material/finish samples (wall treatments, floor covering, paint samples, etc.) Label any drawings or finishes so the audience understands their intention. All finishes should be attached to the design board. To explain your design intent, write a brief description to be included on the design board. (no more than one page 8 ½ x 11). Boards must be on foam core or a standard tri-fold display.

Class 802- Two Collages on Design Board. In this project, develop two imaginary interior rooms. Each room should start out with identical dimensions and features (doors, windows, etc.) The function of the room can be up to you (bedroom, coffee shop, art studio, etc.) but should be the same for both rooms. For each space, create a feeling or mood for the occupants of the space. The mood created for one space should be the opposite or contrast to the second space. Choose a pair of contrasting words from the list provided to get started. Each collage must be on its own page. Page size preference and maximum is 11x17; can use smaller dimensions if needed. Collages should convey a space that includes a background, midground, and foreground. Once these are established, add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures and other elements to complete each collage. For each collage, write a brief description of your design intent. (one to three paragraphs total). Adhere both collages and design intent on a foamcore presentation board. Label each collage with the descriptive words you selected from the list. Additionally, you may include research, inspiration imagery or any additional drawings that helped you design your space.

Class 803- Two Diorama Models. 4-H members will construct two dioramas, one for each space demonstrating contrasting moods. Each diorama will be designed within similar sized boxes. Boxes should be large enough to be easily viewed but no larger than 12"x18". Both rooms being depicted need to be the same size. Dioramas should convey a space which includes a background, midground and foreground. Once you have these established, you can add as many layers as needed. Use print materials from magazines, colored paper, the internet or other design materials to find furniture, lighting fixtures, textures and other elements to complete each room or diorama. Elements will need to be cut out and adhered to each background, midground and foreground to reflect the design of the room. Focus on selecting

materials and colors to create the mood or essence of the space. Use openings in your container to experiment with the effect of light in your space. Dioramas should not contain actual figures, miniature furniture/ cabinets or moveable parts. All elements should be paper adhered to materials easily found at home. For example: magazine photos, cardstock, plastic, cardboard, chipboard or other material to depict design finishes/elements within the diorama.

Architecture Focus:

Architects plan, design and oversee the construction of buildings and other structures beginning with concept development to the final construction phase of projects. It's also important that they ensure the final product is safe and functional. Architects balance artistic creativity with sound building techniques while also considering how the built environment impacts people's emotions and lifestyle.

804 – Marble Maze or Enclosure. Create a space in which a marble will move through a sequence of rooms, enclosures or spaces. Use different types of elements and materials to enclose your spaces or guide the marble. Consider the size of the marble how you want the space to feel – big and open or small and enclosed. Pay close attention to the sizes of architectural elements relative to the size of the marble. To construct the marble maze or enclosure, use household materials found around the home to create the structure. (cardboard, chipboard, construction paper, paper towel or toilet paper tubes, etc.). The base of the structure should be no larger than 18"x24" (poster board size) and 12" in height. In addition to your enclosure/maze, you may also present a small design board with illustrations/drawings to help the audience understand the path of travel for the marble, or the rules for which you designed. Write or type a brief description of your design intent (1-3 paragraphs total) to be included on the design board.

805- Marble Maze Presentation Board Only. Presentation board should be foamcore with below items attached:

Include drawings of your marble enclosure/maze design; (examples include floor plan, section, elevations, etc.) In additions to your base drawings, include any illustrations/drawings to help your audience understand the path of travel for the marble. You may also include quality photographs that show the sequence of photos should visually tell the story of your design. Write or type a brief description of your design intent (1-3 paragraphs in total) to be included on the presentation board.

SELF-DETERMINED PROJECTS

Location: 4-H Building

Judging Dates: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

(*Not eligible for State Fair)

1. This project is designed to display exhibits that do not have a designated project area. Block construction projects have been moved to STEM-Architectural Block Construction. Please see that area for those exhibit instructions.

***CLASS 380** Exhibit project you have designed.

***CLASS 381** Exhibit project made from kit.

PERFORMING ARTS

Location: 4-H Building
 Judging Dates: Tuesday, July 21st, 12:00 p.m.
 Category: Miscellaneous Project Judge
 (*Not Eligible for State Fair)

***CLASS 382** Display, Poster, Notebook, Etc.

HAND PETS

Location: 4-H Building
 Judging Date: Wednesday, July 22nd, 1:00 p.m.
 Category: Pets, Rabbits, Dogs, & Poultry

(*Not eligible for State Fair)

1. Hand pets must be in crates or cages, etc.
 2. **REQUIRED: Please bring completed record sheet and story to show the judge (for dogs and all pets).** (all record sheets are available at: <https://www.goldenprairie.k-state.edu/4-h/Logancountyfair.html> under County Fair Forms. **If a record sheet and story does not accompany exhibit the Hand Pet will not be allowed to show.**
 3. Members may exhibit two Hand Pets per class.
 4. Judging will take place in Exhibit Building.
- ***CLASS 383** Rabbits (**Not market rabbits** -Not eligible for Sale)
 ***CLASS 384** Guinea Pigs
 ***CLASS 385** Hamsters
 ***CLASS 386** Gerbils
 ***CLASS 387** Other

CATS

1. All kittens must be between 4 - 8 months old.
2. No PREGNANT females beyond their 4th week of pregnancy
3. All cat's nails must be clipped before the show.
4. All cats must have rabies and distemper shots. Rhinotracheitis shots are strongly recommended for your cat's protection.
5. Cats must be in crates or cages, etc.
6. **Members must present a certificate from a veterinarian showing cat has had rabies and distemper shots.**
7. **If the cat does not have shots and certificate, it will not be allowed to show.**
8. **REQUIRED: Please bring completed record sheet and story to show the judge (for dogs and all pets).** All record sheets are available at: <https://www.goldenprairie.k-state.edu/4-h/Logancountyfair.html> under County Fair Forms. **If a record sheet and story does not accompany exhibit the Cat will not be allowed to show.**
9. Cats will be judged on tarter on teeth, clean eyes, clean ears, nails clipped, shampooed or clean, condition of fur and general health and temperament of cat.
10. Members may exhibit two cats per class.
11. Cats should be carefully checked for ear mites before bringing to the fair. Please do not bring animals with mites, so other animals do not get contaminated.

(*Not eligible for State Fair)

- ***CLASS 388** Longhair kitten - 4 - 8 months old
 ***CLASS 389** Shorthair kitten - 4 - 8 months old
 ***CLASS 390** Longhair adult cat
 ***CLASS 391** Shorthair adult cat

AQUARIUM PETS

1. Aquarium pets must be in crates, cages, tanks, etc.
2. **REQUIRED: Please bring completed record sheet and story to show the judge (for**

dogs and all pets). (All record sheets are available at: <https://www.goldenprairie.k-state.edu/4-h/Logancountyfair.html> Under County Fair Forms. **If a record sheet and story does not accompany exhibit the Aquarium Pet will not be allowed to show.**

3. Members may exhibit 2 aquarium pets per class.

***CLASS 392** Fish

***CLASS 393** Tadpoles, Toads, Frogs, and Salamanders

***CLASS 394** Snakes, Turtles, and Lizards

***CLASS 395** Other

PHOTOGRAPHY

Location: Western Vista Building
Judge Date: Monday, July 20th, 9:00 a.m.
Category: Photography

1. Black and white prints and color photographic, prints and/or videos may be exhibited at State Fair. Prints must be exhibited in the same format in which they exhibited at the local fair (ex: If a print was exhibited as a color print at the local fair it must be exhibited as a color print at the state fair. The same applies for black and white prints.)
2. **EACH EXHIBITOR WILL BE LIMITED TO 5 TOTAL ENTRIES.** Each class will have a set limit of prints. Exhibitor must choose to make the 5 total entries.
 - **Class 400, 401, & 402** - 3 per exhibitor
 - **Class 403** - 2 per exhibitor
 - **Class 404, 405, 406, & 407-** 1 per exhibitor
3. Photographs entered must be the result of the current year's project work by the 4-H member. Photos must be taken by the 4-H Member (exhibitor).
4. Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white or cream studio matte board. Do not use foam core board. Photos mounted on poster board will not be displayed.
5. All photos must be no larger than 8" x 10" and no smaller than 7" x 9", after trimming.
6. Photos must be mounted with the top edge of the print 1" below the top of the mount. The sides of the print must be equal distance from the two sides of the mount.
7. A permanent mount must be made by using photographic adhesive. **The Extension Office has photo matte boards and plastic sleeves to purchase.**
8. No lettering, including dates, is permitted on the front of the mount or on the photo. No under lays or borders are to be used.
9. To protect exhibits from dust and moisture, place mounted photo protective plastic bag.
10. On the back of the mount, write: The exhibitor's name, address, and location where the photograph was taken.
11. **Improperly mounted photos, oversize or undersize photos or photos with the white borders not removed or lettering (including dates) on the photo, will be awarded a ribbon one placing lower than the placing determined by the official judges. Mounting Instructions on next page.**
12. Photographs taken with a digital camera are allowed no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning, and HDR (high dynamic range). Please note: AI (artificial intelligence) modified images are not allowed.
13. My Favorite 4-H Photography Display: This new class is only for those photography project members with 10 or more years of experience. This class is a non-judged mounted display consisting of four favorite photos from the member's photography career in 4-H. All photos and a fifth biography/description with details of why they are regarded as most significant will be mounted on white or cream studio matte board. Photos and biography/description will be displayed on one row of the photography racks. This class is an extra way to showcase the development and accomplishments of the 4-H member's photography career. Members can still enter two other classes, if they are enrolled 8 or

- more years in the photography project.
14. The black and white class of for black and white prints only. Monochromatic prints, including sepia prints are considered color photos and must be entered in the appropriate color photo class.
 15. Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H member Code of Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph at the county fair.
 16. Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be **disqualified and not judged**
 17. Copyright protections must be observed.
 18. Decisions as to display and/or penalties will be made by the superintendent responsible.

CLASS 400 Color photos taken by a 4-H member with 3 years or less in the project.

CLASS 401 Color photos taken by a 4-H member with 4 - 7 years in the project.

CLASS 402 Color photos taken by a 4-H member with 8 or more years in the project.

CLASS 403 Black and white photos - all levels of experience. (Black and white prints only)

***CLASS 404** Album consisting of (23 pictures - Unit 1); (30 pictures, no slides - Unit 2); 30 pictures, prints or slides - Unit 3); (40 pictures - Unit 4). Enter black and white or color pictures which meet project requirements. (*Not eligible for State Fair)

CLASS 405 My Favorite 4-H Photography Display.

1. This is a "display only" class.
2. Eligible members must have enrolled in photography for ten (10) or more years.
3. Requirements are:
 - A. Choose a total of four (4) of your favorite photos from any of the years enrolled in photography. If used previously in competitive exhibits, removal I data slips and stickers. If the photo is an unmounted print, mount it using standard 4-H requirements and mat board.
 - B. Develop a short biography piece.
 - Tell how/when an interest in photography began.
 - Explain why each of the four photos is a favorite.
4. Place name and Extension unit on the back of each of the 5 mat boards in the upper right-hand corner
 - Share the skills learned because of photography. Think beyond the camera skills and include leadership, community service, etc
 - Tell of any mentors/leaders worked with.
 - Share workshops or camps pertaining to photography you attended.
 - Explain (if relevant) any plans to use photography skills beyond 4-H/High School.
 - Include a small (2 X 3) photo of yourself at the start of the biography.
 - Print the biography document and mount it on a standard mat board.

Portfolio Classes

CLASS 406 - Growth Portfolio

1. Member is eligible for this class beginning with the third year of enrollment in the 4-H photography project.
2. Exhibit will consist of one photo for each year of enrollment. Each photo must have been created in a different year and must be labeled with the year taken/project enrollment year. A maximum of 5 photos may be included if the member has 5 or more years of enrollment. Photos are not required to be in a consecutive order. For example, a nine-year-old with three years enrollment in photography is eligible to enter a growth portfolio. The portfolio in this example should have one photo from the seven-year-olds year, one photo from the eight-year-olds year, and one photo from the nine-year-olds

year. The growth portfolio class may start at any time in the member's photography career. For an older member, the growth portfolio would represent any five years in the project, for example, years 1,3,5,7 and 9 for a member having project enrollment totaling 9 years.

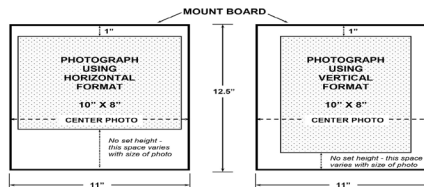
3. Photos must be 8" x 10" and may be color or black and white and must be unmounted.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. Setting for focal length, aperture, mode and shutter speed must also be listed. The skills set used to create the photo must be given and fully explained. The main goal for each year should also be given. The form for this information is available on the Kansas4h.org website, it is a form fillable document and is required.
5. A short introduction of the photographer should be placed in the first page. This introduction should tell why the 4-H member enrolled in the Photography project and why they have continued to enroll. Exhibitor could also tell of a fun event photographed, a learning experience that taught them new skills or other related learning.
6. Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet.
7. Exhibit will consist of introductory page, skill sheet and photo from each year in chronological order, and arranged in a portfolio book. Skill sheet will go in left hand page and unmounted photos in right hand page.

CLASS 407 - Career Portfolio

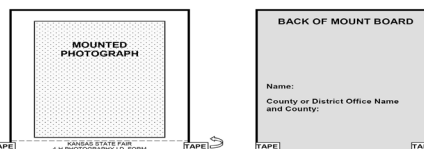
1. Member must have been enrolled in Photography for 5 (five) or more years OR member must be age 15 -19 and been enrolled in photography for at least two (2) years.
2. Exhibit will consist of ten (10) 8 x 10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photojournalism, Black and White, Nature/Wildlife or Graphic Design (computer skills with photos). All photos must be the result of the current 4-H enrollment year.
3. Photos may be color except if Black and White option is chosen and must be unmounted.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed. This sheet may be downloaded from the Kansas4h.org; it is a form fillable document nad is required.
5. A one page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described.
6. Exhibit will be presented in a notebook designed for portfolio review with pages for required information from #4 and #5.

Photo Display Instructions

Kansas 4-H Photography ID Strip			
Cut on dashed lines only. Use the full 11 inches of page, edge to edge			
A. Special Awards	B. Region Placing	C. Name _____ District, County _____ Class # _____ Years in photography project _____	D. Type of camera used <input type="checkbox"/> Compact <input type="checkbox"/> Advanced Compact <input type="checkbox"/> Check one <input type="checkbox"/> SLR <input type="checkbox"/> Miralens <input type="checkbox"/> Film <input type="checkbox"/> Phone <input type="checkbox"/> Tablet <input type="checkbox"/> Film <input type="checkbox"/> No-Pre <input type="checkbox"/> Mirror <input type="checkbox"/> Other
Place State Fair Photography Entry Label here			
<p>PHOTO MOUNTING INSTRUCTIONS: Photography entries must be mounted according to these rules.</p> <ol style="list-style-type: none"> 1. Studio photo mount board must be used. 2. Studio photo mount board may be purchased at your local extension office or KSRE Bookstore, Manhattan, KS. 3. Use the Photo Display Instructions as a guide for correct photo and ID Strip placement. 4. Photo mount size is 11" wide by 12.1/2" in length. (see below) 5. Photo mount is always orientated with 11" side as the top of mount. 6. Mount each photo 1" down from the top (both horizontal and vertical orientation) of the mount board and equal distance from each side. 7. Correct mounting adhesive must be used. Use only adhesives designed for permanent photography mounting. Do not use rubber cement, white glue, double stick tape or other household adhesives. 8. Fill out and attach ID Strip on bottom 1" of photo mount. 9. Place mounted photo in clear photography bag. These may be purchased at your local extension office or the KSRE Bookstore, Manhattan, KS. 10. DO NOT seal photography bag until judging is completed. 11. Photos improperly mounted will be lowered one ribbon placing. 			
<p>COUNTY FAIR ID LABEL:</p> <ol style="list-style-type: none"> 1. Fill out ID Strip. Cut on dashed lines only, do not trim edges. 2. Attach to bottom edge of photo mount board with clear tape by folding tape around each edge onto back of mount. 3. DO NOT stick tape to front of mount board, only ID Strip. 4. Print your Name, District, name and county only. 5. Use class numbers from your local fair book. 6. List number of years 4-H member has been enrolled in the photography project. 7. Check type of camera used then check FILM or DIGITAL. 			
<p>STATE FAIR ID LABEL:</p> <ol style="list-style-type: none"> 1. Once your local extension office enters your photo, the State 4-H Office will print a State Fair Photography Entry Label for each photo entered and mail to the extension office. 2. Place the State Fair Photography Entry Label (sticker) over the center section of the ID Strip. 3. Make sure Photo Release Form is filled out, signed and placed behind the photo in the plastic bag. 4. Place photo in clear photography bag but DO NOT SEAL BAG. 5. Clear bag will be sealed once judging takes place. 			
<p>Photo mount board</p> <p>Mount photo 1" down from top of board (horizontally or vertically)</p> <p>Attach ID strip on bottom 1" of photo mount</p>			



NOTE: Use only adhesives designed for permanent photography mounting. Do not use rubber cement or other household glues (white glue, etc.).



RECORD BOOKS

Location: Extension Office
Judging Date: Late September

All record books for Secretaries, Treasurer, Historian, Reports, etc. will be judged at the same time as Project Record Forms and Pin Applications in the fall. Please submit your books finished book by the assigned due date at the end of our program year. (Approved 2024)

ROBOTICS

Location: 4-H Building
Judging Date: Tuesday, July 21st, 12:00 p.m.
Category: Miscellaneous Project Judging

1. Each exhibitor is required to complete the “4-H Robotics Exhibit Information Form” which is available through your K-State Extension office or at <https://robotics.engtech4ks.com/>
 - This form must be attached to the outside of a 10”x13” manila envelope. All revisions of all forms previously released for the Engineering and Technology division either updated or dated prior to the current year are void for use and new forms must be obtained and used that are dated by the State 4-H office for the current year. Use of old forms should result in the loss of one ribbon placing for exhibits.
2. Each exhibit must include a robot, information packets are not a sufficient exhibit.
3. Robots must have automated (electric, pneumatic, hydraulic, etc.) articulated structures (arms, wheels, grippers, pneumatic, hydraulic, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer sciences division or electronics and renewable energy division. Robots requiring no assembly, just programming, such as Ozobots, are considered computer sciences projects as the skill is focused on the programming not the construction of the robot.
4. Robot dimensions should not exceed 2' high x 2' wide x 2' deep. If displayed in a case (not required for state fair, but strongly encouraged for county fairs) the outside case dimensions should not be excessive. The display case should have the exhibitor’s information attached to both the base and cover, as the top part of the case may be separated from the display.
5. Materials including but not limited to USB drives, obstacles, spare batteries, and mats for testing the robot may be placed in a separate container, which is not included in the robots dimensions. That container may not be larger than 576 cubic inches as measured along the outside of the container. (Examples: 4”x4”x36” or 4”x8”x18” or 6”x6”x16”) The container, if used, and/or any large objects (such as mats or obstacles) should be labeled with the exhibitors name(s) or ID’s, county, and if applicable district.
6. All electric components of the robot must be adequately covered or concealed with a protective enclosure, specifically circuit boards. Paper is **NOT** considered an adequate enclosure or covering for electrical components.
7. Robots may be powered by battery, water, air, elastic energy devices (rubber bands, balloons, etc.) or solar source only. Robots powered by fossil fuels/flammable liquids will be disqualified. Robots that include weaponry of any kid will be disqualified. Weaponry is defined as any instrument, possession or creation, physical and/or electrical that could be used to inflict damage and/or harm to individuals, animal life, and/or property.
8. Remote controlled robots are allowed under certain conditions provided that the robot is not drivable. Robots programmed on phones/tablets need to have a specific program created, using motion controls to move the robot are not acceptable, for example “press forward on the screen to make the robot go forward”. A remote is allowed provided more than a single action happens when a single button is pressed on the remote. For example

a motor spins for 3 seconds, at which point an actuator is triggered, then the motor spins for 3 more seconds. Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.

1. Robotic arms and hand extensions (hydraulic, mechanical, or electrical) are allowed.
9. Each robot must be in working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete its intended task. In the event the robot uses a phone, tablet, or similar device for programming AND control of the robot a video will be used to evaluate the working condition of the robot. The video should follow the instructions provided for operation so that the judge can follow along with the provided instructions.
10. The exhibit must include written instructions for operation (the instructions should be written as if they were too tall a grandparent or elderly person how to operate the robot), construction plans (do not need to be printed), a video, and one to five pages of project photographs are required for all robotic exhibits. For robots that can be programmed, robot programming information must be included. This information should be placed inside the 10" x 13" manila envelope mentioned above. Robot programming information can be, but not limited to, source code, block diagrams, screen captures of the coding window, and other images that show the programming logic used. ***The exhibitor may enter their robotics project in either robotics or electrical and renewable energy project if the exhibitor so chooses, but not both.*** No exhibitor will be allowed to set up their robot in person.
11. For Kansas State Fair Only- If the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT include the device (phone, table, etc.). The device's safety cannot be ensured. Instead, record a video demonstrating the instructions included for your robot, as described above. It should show, setting up the robot, starting the robot, the robot executing its task, and powering off the robot, just like the how instructions are written.
12. For Kansas State Fair Only- the 4-H member **must** include a video following their instructions for operation.
 1. Videos with an accompanying release form signed by the exhibitor's parent or guardian may be displayed at the State Fair in the Engineering & Technology exhibit area.
 2. The video must not be more than 8 minutes long and should be included on the USB drive. The video must be in MP4 format, OR videos for the Kansas State Fair, may be uploaded to a video sharing site, such as Youtube, instead of being place on the USB drive. The video should be set as "private" so only those with the link are able to view it. The link should be writing on the video form for judges to review. Capitalization in URLs matters. Incorrect URLs may result in a ribbon place deduction.
13. Creativity, workmanship, and functionality will be strong criteria in judging the Arobot designed by Exhibitor classes. All robots should have a purpose or intended function, examples include, but are not limited to following a line, sweeping the floor, solving a rubix cube, sorting colors, or climbing stairs.
14. Exhibitor's name(s) or ID(s), county, and if applicable district must be tagged or labeled on the robot such as on the bottom of the robot, exhibit cards are not an acceptable form of labeling
15. There are no county or district boundaries that must be adhered to form a Kansas 4-H Robotics team. However, as mentioned in the general rules, each team member must be currently enrolled in the Kansas 4-H Engineering & Technology project.

Division A – Junior (7-9 years old)

CLASS 410 Robot made from a commercial kit. (No Programming just assembly)

CLASS 411 Robot designed and constructed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.

CLASS 412 Programmable robot made from a commercial (purchased) kit.

CLASS 413 Robot designed and constructed by exhibitor, that is operated by a remote controlled device.

CLASS 414 Junk Drawer Robotics

Division B - Intermediate – (10-13 years old)**CLASS 415** Robot made from a commercial kit. (No Programming just assembly)**CLASS 416** Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.**CLASS 417** Programmable robot made from a commercial (purchased) kit.**CLASS 418** Robot designed and constructed by exhibitor, that is operated by a remote controlled device.**CLASS 419** Junk Drawer Robotics**Division C – Senior – (14 years old & Up) - Five or More Years in Robotics Project****CLASS 420** Robot made from a commercial (purchased) kit.**CLASS 421** Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.**CLASS 422** Programmable robot made from a commercial (purchased) kit.**CLASS 423** Robot designed and constructed by exhibitor, that is operated by a remote controlled device.**CLASS 424** Junk Drawer Robotics-based curriculum robot**Division D B Team Robotics Project****CLASS 425** Robot designed and constructed by 2 or more 4-H project members which is eligible for the Team Robotics Challenge, if entered at Kansas State Fair. The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable type that is made from a commercial (purchased) kit. This division is designed to encourage teamwork and cooperation among fellow 4-H STEM members. As with many high tech projects today, no one person designs and builds a robot alone. It takes the brainstorming, planning, problem solving, and cooperation of an entire team to complete a given robotics project. Exhibitors in this division will be assigned a task for their robots to perform.

SEWING & TEXTILE DESIGN

Location: Western Vista Building

Judging Date: Friday, July 17th, 9:00 a.m.*Category: Sewing & Textile Design**Formerly known as: Clothing Construction*

1. Read General Rules
2. Exhibitor must be enrolled in the Sewing & Textile Design project to exhibit at fair.
3. All work must be the product of the current club year.
4. Exhibitors may make four entries per class in the level in which 4-Her is enrolled. Please pay attention to suggested levels.
5. **Identification Labels** (sew or use a safety pin, no straight pins may be used to attach these items)
 - a. Type or print on 3" x 21/2" piece of cloth: Class Number, County or District, Name.
 - b. Attach labels on inside of garment (back of neck, center back of waistband, or left end of apron band). Label each piece.
 - c. Place entry form and score card on front left should seam of garment or to the left side of the waistband with hanger opening facing to the left, as if you were wearing the garment, so that the hanger opening faces the attached entry form.
 - d. Please use a string to tie together the hangers of exhibits that require more than one hanger. Examples: Dress and Jacket. Top and Skirt.
6. Garments may be worn but must be clean. FOR SPECIAL HANDLING: place on hangers with hook toward right shoulder of garment. Attach skirts to hanger with large safety pins. If an item to complete the exhibit is in a clear plastic bag, attach it to the hanger with large safety pins. If delicate fabric and garment must be protected, or you are concerned about keeping your exhibit clean, place in clear plastic bag.

7. Each clothing exhibitor and parent or leader may be present when his/her garment is judged. 4-Her is encouraged to ask the judge questions.
 8. All State Fair quality shall be given purple ribbons and "State Fair Eligible" stickers.
 9. Pre-cut kits are acceptable in clothing classes. All articles/garments must be finished for use.
 10. Exhibits in all levels may include recycled clothing and home textile projects.
 11. Educational Exhibit Classes. Share with others what you learned in the Sewing & Textile Design project. Exhibits may be in the form of a poster, notebook or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select durable materials that will withstand Fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22"x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county/district must be clearly marked on educational exhibits.
 12. **Recycled Clothing Project** – An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be making/redesigning a garment, re-purposing a clothing item for a new use, etc. Must including sewing of some kind. A 3" X 5" card **MUST** accompany entry describing the recycled materials and how they were used in the item.
 13. See caution on page 10 regarding copyrighted materials.
 14. All clothing must be cleaned, freshly laundered, and ironed for exhibiting and display during the fair.
- CLASS 430** An article, garment, or outfit constructed by 7-9 year old.
CLASS 431 Educational exhibit prepared by a 7-9 year old.
CLASS 432 An article, garment, or outfit constructed by 10-13 year old.
CLASS 434 Educational exhibit prepared by a 10-13 year old.
CLASS 435 An article, garment, or outfit constructed by 14-18 year old.
CLASS 436 Educational exhibit prepared by a 14-18 year old.
CLASS 437 Recycled Clothing Project

SHOOTING SPORTS

Location: 4-H Building
 Judging Date: Tuesday, July 21st, 12:00 p.m.
 Category: Miscellaneous Project Judging

The Shooting Sports project teaches gun safety, care and safety of shooting sports equipment, hunting practices, and provides an opportunity to test your skills. The fair classes are designed to provide an opportunity for youth to educate others about what they have learned through the project or to promote the benefits of participation.

1. Exhibits in this division are open to educational displays, experiential displays, or promotional posters. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select durable materials to withstand fair conditions.

National Minimum Standards and Best Practices <https://4-hshootingsports.org/wp-content/uploads/2024/01/12.13.23-Minimum-Standards-Update.pdf> MUST be followed as well as Kansas 4-H Shooting Sports Handbook.

https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-sports-handbook_4H1101.pdf

exhibits outside these standards will be disqualified.

2. The exhibit size rule will be strictly enforced. Exhibits exceeding the size guidelines will be penalized one ribbon color.
3. Educational Display: must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 3'x4' unless there is a topper that sits on top of the board and does not take up additional table space.
4. Promotional Posters: must be flat and no larger than 22"x30"; content not to exceed display board borders. Exhibits may be displayed on wall.
5. Notebooks: no larger than 8 ½" x 11".

6. Exhibitors must comply with state and federal laws and the Fair Board.
7. No “live” ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and “live” ammunition, the substitution must be clearly described on the back of the poster, display or in a notebook.
8. The Logan County Fair Board is not liable for the loss or damage of any personal property included as part of your poster, display or notebook.
9. Name, county or district, age and year in project should be on the front of the poster, display or notebook.
10. Exhibit topics regarding firearm care, handling, and shooting will only be accepted from Extension Units with 4-H Certified Shooting Sports Programs and enrolled 4-H youth in the specific Shooting Sports Project, and must follow National and State Policies, minimum standards, and best practices.
11. Exhibits will not be accepted if they are related to reloads.

Educational/Promotional Classes

CLASS 440 Educational Display - Must be directly related to the 4-H Shooting Sports project (standard tri-fold boards only, no larger than 3’x4’)

CLASS 441 Promotional Poster - Must promote 4-H Shooting Sports

CLASS 442 Notebook – Contents pertain to some phase, results, story of information about 4-H Shooting Sports

Experiential Classes

CLASS 443 Shooting Aid or Accessory- Any item the 4-H member makes which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.

CLASS 444 Storage Case- Any item the 4-H member makes with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft sides shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.

CLASS 445 Practice Game or Activity- Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

SHOPPING IN STYLE

Location: Western Vista Building
Judging Date: Friday, July 17th, 9 a.m.
Category: *Shopping in Style*

Formerly Known As: Clothing Buymanship

4-H members will learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping in Style should build on previous year’s learning experience. Exhibit one of the following options that align with the 4-H member’s Shopping in Style level.

Rules

1. Posters can be flat poster board or foam board, no larger than 22” x 28”. These entries are for JR age levels only.
2. Tri-fold educational display must be free standing and no larger than 36” x 48”. These entries are for INT & SR age levels only.
3. Photos of 4-H members in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles, good light, and highlight details so that the judge may accurately evaluate the exhibit.

4. Exhibits should include actual photos of 4-H member in garments, and may also include pictures from magazines or the internet.
5. 4-H members must be enrolled in the Shopping in Style project to exhibit.

Classes

CLASS 450 Shopping in Style: Juniors (7-9) Choose one of the following activities from Unit 1 or Unit 2 of the curriculum project manuals. Exhibit should consist of poster that showcases:

- A. A garment you purchased that reflects you personal style and explains how this garment reflects your style and how it influences what others think of you; OR
- B. A garment you purchased and explains how your personal style either aligns or contradicts what is considered to be “in style” today; OR
- C. A garment you purchased and explains or illustrates how this garment is a modern version of a fad or fashion from an earlier decade; OR
- D. A garment you purchased and explains how this garment reflects a different ethnic or cultural influence; OR
- E. A garment you purchased and includes a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

CLASS 451 Shopping in Style: Intermediates (10-13)- Choose one of the following activities from Unit 3 or Unit 4 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- a. An outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn't wear anymore. Explains why the clothing item was not being worn and what you did to transform it into a wearable garment again; OR
- b. A top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity; OR
- c. An outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear; OR
- d. An outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs. Include your shopping budget and cost per wear; OR
- e. An outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include variety of shopping options and/or price tracking at store over a period of time.

CLASS 452 Shopping in Style: Senior (14-18)- Choose one of the following activities from Unit 6 or Unit 6 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- a. An outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers; OR
- b. An outfit you purchased which you have repaired or altered. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments; OR

- c. An outfit you purchased along with plans and commentary for a fashion show that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget, and logistical plan for the fashion show; OR
- d. An outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. Display should also include photos and lists of your assembled clothing first aid kit. Included itemized expenses; OR
- e. An outfit you purchased, and feature any other completed activity from the Shopping In Style curriculum of your choosing that isn't listed above.

SMALL ENGINES

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous

Through Small Engines, youth will have the opportunity to educate others about what they have learned through the project or to promote the benefits of participation in those project areas.

All exhibits should involve engines smaller than 25 horsepower. **Engine should have no fuel in tank or carburetor.**

Rules

1. Each Small Engines exhibit must include a "4-H Small Engines Information packet with form. The form is available through your local Extension office or at <https://engines.engtech4ks.com>. The form should be attached to a 10'x13" manila envelope. Place exhibit paperwork and/or any pictures inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required, no manila envelope is needed for these exhibits.
2. Items that have been in use should be cleaned for exhibit.
3. A sheet of operating instructions must be included in the packet for any exhibit that is not self-explanatory.
4. As exhibitors prepare their exhibits, appropriate PPE (Personal Protection Equipment) is required.
5. Cutting surfaces, such as blades, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. Foam "pool noodles" and multiple layers of cardboard are acceptable.
6. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitors exhibit, at the judge's discretion, may receive reduced ribbon placement or disqualification.

CLASS 460 DISPLAY - Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine repair or maintenance; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display in this class. Maximum tri-fold or display board size is 3' x 4', items may not extend beyond 24" from the back of the display board.

CLASS 461 MAINTENANCE - Exhibit a display that illustrates either 1) Routine maintenance procedures OR 2) Diagnosing and trouble-shooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display in this class. A maximum tri-fold or display board

size of 3' x 4', items may not extend beyond 24" from the back of the display board.

CLASS 462 OPERATION - Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. The engine should not contain fuel in the tank or carburetor. All exhibits in this division must be self-standing.

UNCREWED AIRCRAFT SYSTEMS

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: *Miscellaneous*

Purpose: The 4-H uncrewed aircraft systems or UAS project explores the world from above the trees and discovers new frontiers with UASs. UASs are commonly known as Uncrewed Aerial Vehicles (UAVs) or drones. Members explore the operation and applications of uncrewed aircraft systems including how UASs link to other projects such as geology, robotics, electronics, crop science and many others.

1. The information that accompanies the UAS must be limited to the 4-H Engineering & Technology Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the UAS. This may be downloaded from <http://uas.engtech4ks.com/>. Any UAS exhibit not including this completed envelope will receive a participation ribbon. All revisions of forms previously released for the STEM division dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year.
2. For the State Fair, the 4-H Member must include a video of the youth operating their UAS. Videos with an accompanying release form signed by the exhibitor's parent or guardian may be displayed at the State Fair in the Engineering & Technology exhibit area. The video must not be more than 8 minutes long and should be included on the USB drive and must be in an MP4 format. The drive should be labeled with the exhibitor's name (or ID) and county. Video's for the Kansas State Fair, may be uploaded to a video sharing site, such as Youtube, instead of being place on the USB drive. The video should be set as "private" so only those with the link are able to view it. The link should be written on the video form for judges to review. Capitalization in URLs matters: incorrect URLs may result in a ribbon place deduction.
3. The exhibitor's name (or exhibitor number), county, if applicable district, age, and years(s) in project must be tagged or labeled on the exhibit, educational display, notebook, and/or poster.
4. Uncrewed Aircraft Systems that include or depict weaponry of any kind will be disqualified.
5. If modifications are made to the exhibit a page should be attached noting these modifications.
6. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.
7. For scratch built UAS kits, if modifications are made to the exhibit, a page should be attached noting these modifications.
8. If a safety violation is noted by the judges, superintendent, or other staff, the exhibit, at the judges discretion, may receive a reduced ribbon placement or disqualification.
9. For practical application entries, the UAS is not required to be displayed as part of the exhibit, only the supporting material illustrating the application.
10. The same UAS may be used by multiple exhibitors for different practical application entries.

Junior, 7-9 years old

CLASS 470 Uncrewed Aircraft System designed and constructed by the exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

CLASS 471 Practical application of an Uncrewed Aircraft System constructed from a commercial (purchased) kit. This includes one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

Intermediate, 10-13 years old

CLASS 472 Uncrewed Aircraft System designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

CLASS 473 Practical application of an Uncrewed Aircraft System constructed from a commercial (purchased) kit. This includes one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

Senior, 14 years and older

CLASS 474 Uncrewed Aircraft Systems designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

CLASS 475 Practical application of an Uncrewed Aircraft System constructed from a commercial (purchased) kit. This includes or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

Educational Exhibits Rules

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. Exhibits are to have a **clear link to the Engineering and Technology area** of uncrewed aircraft systems.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting educational materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging scoresheet available at [ET Posters Displays Notebooks Score Sheet All.pdf](#).
5. Follow copyright laws, citing all sources of information in a standard notation Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Example citation: "Make a Star Finder" <https://spaceplace.nasa.gov/starfinder/en/>
6. Educational displays are not to exceed a standard commercial 4' high X 3' wide X 2' deep. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions.
7. Posters are limited to commercial 3' X 4' tri-fold display boards.
8. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 2' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.

1. Educational Project notebooks must be organized in a 3-ring binder or similar book.
2. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
3. The exhibitor's name (or ID), county, or if applicable district, age, and year(s) in project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
4. Exhibits should possess the following qualities (in no particular order):
 - a. A central theme
 - b. What you want others to learn
 - c. Be designed and constructed in a manner befitting the exhibit
 - d. Be something you are interested in.
5. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, may receive a reduced ribbon placement or disqualification.

Junior Division (Ages 7 – 9)

CLASS 160 Uncrewed Aircraft System Educational Poster

CLASS 161 Uncrewed Aircraft System Display Board

CLASS 162 Uncrewed Aircraft System Notebook

Intermediate Division (Ages 9 – 13)

CLASS 163 Uncrewed Aircraft System Educational Poster

CLASS 164 Uncrewed Aircraft System Display Board

CLASS 165 Uncrewed Aircraft System Notebook

Senior Division (Ages 14 years and older)

CLASS 166 Uncrewed Aircraft System Educational Poster

CLASS 167 Uncrewed Aircraft System Display Board

CLASS 168 Uncrewed Aircraft system Notebook

VETERINARY SCIENCE

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

The purpose of the 4-H Veterinary Science project to provide a way for young people who care for animals and may want to follow a career in veterinary medicine to explore the topic. In this project, members will learn about animal health, behavior, and visit with veterinarians. 4-H member in the Veterinary Science project may develop an exhibit to demonstrate the knowledge and skills learned about a common health problem in animals, a veterinary science principle or public health/zoonotic diseases.

Rules

1. A Veterinary Science exhibit may consist of a poster, notebook, project display, or diorama. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit 1.
2. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma, or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves and other appropriate veterinary medical practices.
3. First-Aid Kits: because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, animal first aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid Kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs or empty packaging of pharmaceuticals.
4. Veterinary Science Posters- this exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A post should not exceed 22" x

30" and may be either vertical or horizontal. Trifolds and framed posters will not be accepted as a poster entry.

5. Veterinary Science Displays- A display may include but is not limited to: a 3-dimensional exhibit, a scale model, the actual produce (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. All displays need to be on 3'x4' trifold board or in a three-ring binder. Smaller boards will not be accepted.
6. Veterinary Science Notebooks: Individual entries are to be placed for display in a three-ring notebook for competition. Notebooks may not be larger than 8 1/2" x 11".
7. Name, county/district, age, and years in project should be on the front of the poster, display, or notebook.
8. Veterinary Science Diorama: A diorama is a 3-dimensional model or exhibit that depicts a scene, event, or environment. All dioramas need to be contained. The size is not to exceed 3'x3'x3'
9. Appropriate topics include: Maintaining Health, Specific disease information, Photographic display of normal and abnormal characteristics, Animal health or safety, Public health or safety, Proper animal management to ensure food safety and quality, Efficient and safe livestock working facilities, or a topic of the exhibitor's choosing related to veterinary medicine or science.
10. Because these are science displays, all references and information must be properly cited. Make sure to highlight all sources and references. Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with veterinarians and excerpts from Veterinary Educational Literature. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.
11. The Veterinary Science Modules are for sourcing, referencing, and learning purposes. The modules are not for project submission. Any notebooks, posters, displays, or dioramas submitted with only Veterinary Science Modules work will be disqualified.

CLASS 480 4-H Veterinary Science Poster

CLASS 481 4-H Veterinary Science Notebook

CLASS 482 4-H Veterinary Science Project Display

CLASS 483 4-H Veterinary Science Diorama

VISUAL ARTS

Location: Western Vista Building
Judging Date: Monday, July 20th, 9:00 a.m.
Category: Visual Arts & Crafts

1. Read General Regulations.
2. Three exhibits may be entered from the Arts and three from the Crafts classes. (All 3 exhibits may be entered in the same class if desired).
3. **ORIGINAL PRODUCTS** will be made (not from kits) whenever possible.
4. When kits are used, they should require as many of the same skills as possible which would be used when starting from scratch. **KIT EXHIBITS ARE NOT STATE FAIR ELIGIBLE.**
5. Sketches, drawings, and paintings should be original. No plants or plant materials needing watering can be entered as an art exhibit.
6. Five exhibits will be eligible for Kansas State Fair Judging. One from each of the following categories: Fine Arts, Clay & Ceramics, Leather & Jewelry, Three-Dimensional, and General Crafts. Exhibit will be labeled with "State Fair Eligible" sticker. If a county doesn't have an entry for one of the classes, they may submit a second entry in one of the other categories to meet the quota of five entries per county.
7. 4-H member must state his/her own age as of January 1, on the entry tag. Entries will be divided into a Jr. (7-9), Intermediate (10-13), and Sr. (14-18) Division as of January 1, of the current year.
8. The miscellaneous class cannot include items from classes already listed below.
9. The miscellaneous class will be divided into appropriate sub-classes by the Arts & Crafts

committee after all entries are in.

10. **Pictures must be matted and/or securely framed and mounted before being exhibited. Use either jagged saw hook or wire hanger. NO tape, hot glue, or string hangers, otherwise item will be rejected. Must be SECURE and weight bearing.**
11. **Pictures must be matted with heavy poster board or matte board.**
11. **Exhibitors place letters JR (junior), INT. (intermediate) SR (senior) after the class number on exhibit card.**

Copyright

Along with Copyright rules listed in General Rules on page 8, please read the following for more information on copyright in Visual Arts Projects.

Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern, and/or size of a pattern does not make the design original. If you create a replica of what you see somewhere else (i.e. Pinterest), it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit.

VISUAL ARTS

- CLASS 485** Oil Painting
- CLASS 486** Acrylic Painting
- CLASS 487** Watercolor Painting
- CLASS 488** Pastel Painting
- CLASS 489** Charcoal Painting or Drawing
- CLASS 490** Pencil Drawing
- CLASS 491** Ink
- CLASS 492** Any other type of painting or drawing
- CLASS 493** Print Making
- CLASS 494** Calligraphy
- CLASS 495** Toile Painting (Folk Art on metal or wood)
- CLASS 496** Paint by Number
- CLASS 497** Stamping
- CLASS 498** Carving/Sculpting
- CLASS 499** Stained Glass
- CLASS 500** Glass Etching
- CLASS 501** Colored Pencil
- CLASS 502** Mixed Media
- CLASS 503** Holiday Art
- CLASS 504** Scratch Art

VISUAL CRAFTS

- CLASS 505** Craft made from recycled items.
- CLASS 506** Craft made from objects in nature
- CLASS 507** Ceramics- From green ware
- CLASS 508** Ceramics- From clay
- CLASS 509** Ceramics – Pottery (wheel or hand-crafted from raw material)
- CLASS 510** Plaques (other than decoupage,etc.)
- CLASS 511** Bead Work
- CLASS 512** Decoupage, mod-podge, etc.
- CLASS 513** Soaps, Scrubs, Bath Bombs, etc.
- CLASS 514** Metal Work

- CLASS 515** Candles
- CLASS 516** Leather Craft
- CLASS 517** Miscellaneous
- CLASS 518** Fabric and glue projects (padded frames, books, etc.)
- CLASS 519** Cultural Arts- Visual/Music/ Lit/Drama
- CLASS 520** Non-textile baskets/pieces (i.e.: wood reed, straw, grass, etc.)
- CLASS 521** Jewelry
- CLASS 522** Barn Art
- CLASS 523** Holiday
- CLASS 524** Mixed Media
- CLASS 525** String Art

WILDLIFE

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

This project is for all youth, whether living in the city, the country, or in between. Kansas wildlife are an important part of our state heritage and environment, ranging from buffalo to birds to fish to deer and more. In this project you will learn about wildlife behavior, habitat requirements, how wildlife species fit into nature's scheme, how they are managed, and how they relate to humans.

Rules

1. Exhibitors must comply with state and federal laws. It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.
2. Exhibits in this division are open to educational displays, promotional posters, or experiential displays. Exhibits should reflect learning in the project area. Follow copyright laws as explained in the general rules as you are preparing your exhibit. Take care to select durable materials to withstand State Fair Conditions.
3. Wildlife exhibits that reflect harvesting of wildlife must follow National Minimum Standards and Best Practices <https://4-hshootingsports.org/wp-content/uploads/2024/01/12.13.23-Minimum-Standards-Update.pdf> and Kansas 4-H Shoot Sports Handbook <https://bookstore.ksre.ksu.edu/pubs/kansas-e-h-shooting-sports-handbook4H1001.pdf> and Kansas Fish and Game laws. Exhibits outside these standards will be disqualified.
4. The exhibit size rule will be strictly enforced. Exhibits exceeding the size-guidelines will be disqualified. Maximum exhibit size for all exhibits in this division is 4'x6'. Larger exhibits will be turned away.
5. Educational Display: must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 3'x4' unless there is a topper that sits on top of the board and does not take up additional table space; no additional table space available for promotional brochures or display items; content not to exceed display board borders.
6. Posters: must be flat and no larger than 22"x30"; content not to exceed display board borders. Exhibits may be displayed on wall.
7. Notebooks: no larger than 8 ½"x11".
8. Exhibits must not display, describe, or depict firearms or firearm components that are not allowed by 4-H Shooting Sports National Minimum Standards.

9. Exhibitors must comply with state and federal laws and Kansas State Fair Management.
10. No "live" ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and "live" ammunition, the substitution must be clearly described on the back of the poster, display, or in a notebook.
11. Name, county or district, age and year in project should be on the back of the poster, display or notebook unless special arrangements are made because of declination of publicity release.
12. Exhibit topics regarding firearm care, handling, and shooting will only be accepted from Extension Units with 4-H Certified Shooting Sports Programs and enrolled 4-H youth in the specific Shooting Sports Project. Exhibits will not be accepted if they are related to reloads.
13. Taxidermy: The exhibitor is responsible for following all laws, rules, and regulations, and when licenses, tags, etc. are required, to include those and/or the information required with the exhibit. For taxidermy please reference hunting and furbearer laws for Kansas.
<https://ksoutdoors.gov/Hunting/Hunting-regulations/Furbearers>
14. Golden Prairie Extension District and Logan County Fair Board are not responsible for damage during the exhibition period.

CLASS 530 Notebook. Contents pertain to some phase, results, story or information about the wildlife project.

CLASS 531 Promotion Poster. Must be related to something learned in the wildlife project (Poster board or foam board no larger than 22" x 28")!

CLASS 532 Educational Display. Must be directly related to the wildlife project. Maximum tri-fold size is 3' x 4'

CLASS 533 Taxidermy/ Tanning Exhibit. Should include an attachment that shows the work in progress through photos with captions, or a detailed journaling of the process.

Experiential/Other Classes

CLASS 534 Fish Harvesting Equipment (Board Exhibit)- Display of equipment used in fish harvesting. Examples: fishing knots (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where each item is used.

CLASS 535 Build a Fishing Rod- a fishing rod educational exhibit may not exceed 96" in length. Exhibit must be mounted on a board. Include with the exhibit: Explanation of cost of materials/components and how many number of hours required for construction. Label all parts. Necessary components which must be included are grip, line guides (based on manufactures specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.

CLASS 536 Casting Target: make a casting target for exhibit and use. Target must be under 48"x48". The bullseye must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.

CLASS 537 Wildlife Harvesting Equipment (Board Exhibit)- Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For display of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used, and personal experiences with

the item.

- CLASS 538** Inventing Wildlife/Fish Harvesting Equipment, Aid, or Accessory- use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype, and any adjustments you made.
- CLASS 539** Tanned Hides- exhibit of a wild animal hide properly processed by the member. If not mounted, must be in a clear clothing bag with hanger, all field experiences, study, OR observations that relate to the exhibit.
- CLASS 540** Taxidermy- Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting. Include the animal's name and the following information about the exhibitor's personal field experiences, study, OR observations that relate to the exhibit.
- CLASS 541** Wildlife Tracks (Board or Diorama-type Box Exhibit)- make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred. Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR) Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR) Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.
- CLASS 542** Wildlife Knowledge Check- Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24x24 inches.
- CLASS 543** Houses- Make a house for wildlife. Examples: bird houses (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect house. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kind of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations from experiences.
- CLASS 544** Feeder/Waterers- make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feed okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where and how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences.

WOODWORKING

Location: 4-H Building

Judging Date: Tuesday, July 21st, 12:00 p.m.

Category: Miscellaneous Project Judging

- Each exhibitor is limited to two entries per class. Designate on entry if article is original or kit construction.
- THE PLAN FROM WHICH THE PROJECT WAS CONSTRUCTED MUST BE ATTACHED TO THE ARTICLE EXHIBITED.** The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Please Note: a set of step-by-step instructions is not a

plan. **Any project with missing or insufficient plans will be lowered by one ribbon placing.** Label each article showing intended use. Indicate on plan sheet whether project was made with school supervision or supervision given by parent or 4-H leader.

3. The use of materials other than wood, screws, nails, and adhesive should be kept to a minimum.
4. Projects that have unsecured glass, i.e., glass shelves, the glass top of a coffee table, etc., should not be brought to the fair. Glass that is secured in the project, i.e., the glass front of a gun case or cabinet, etc., is permissible since it cannot be easily removed.
5. Extra pieces that go with your woodworking project (i.e. bean bags to go with a cornhole set, building blocks to go with a play table, etc.) SHOULD NOT be submitted with the project.
6. In judging woodwork articles, consideration will be given to: Usefulness; Workmanship - (Including accuracy to plan); Suitability; Design; Choice of Wood Quality of Finish
7. Please state the phase in which you are enrolled on your plan sheet (i.e. 1, 2, 3, or 4).
8. The entry card, plans and all other paperwork should be enclosed in a zip top plastic bag with a hole punched through it and tied or otherwise secured to the project in some manner. Tape is usually not adequate to accomplish this.
9. **Refinished/refurbished furniture will NOT be accepted** for exhibit in the wood working project. For 2026, there will not be a class for this at the Kansas State Fair/ Logan County Fair in the 4-H project areas
10. Projects made from pre-cut kits are not allowed.
11. In judging woodwork articles, consideration will be given to: Workmanship, including accuracy to the plan; design; choice of wood; suitability and quality of finish; and usefulness.
12. Firearms and weapons are not to be entered or displayed.
13. Project with "fractal burning" are NOT ALLOWED in any Kansas State Fair Exhibits in the 4-H Youth and Development Department. (Example – electrical burning to make black linework on artwork.) This aligns with the American Association of Woodturners (AAW).
14. During construction of exhibits, PPE (personal protective equipment) is to be worn by those in the workspace.

CLASS 550 Article for farm or shop use.

CLASS 551 Furniture for household or lawn use.

CLASS 552 Other woodwork. Articles not included in above classes (Example: bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.) Including an article made from a kit.

LIVESTOCK

LIVESTOCK GENERAL RULES

Leaders and Families go through ALL rules.

Weigh-In and Check-In is Tuesday, July 21st starting at 7:30 a.m. and ending at 10:30 a.m.

All trailers on sight by 9:30 a.m.

NO LIVESTOCK MAY BE REMOVED FROM TRAILERS UNTIL VET APPROVAL!!!!

1. All animals will be stalled in appropriate areas, approved by the Livestock Superintendent.
2. Approved areas will be in the barn or designated tie out. Neck ropes are required for all cattle while tied.
3. No livestock will be allowed on trailers at night.
4. **Livestock will only be allowed across the scale ONE TIME!** Check-In will be on Tuesday, July 21st, 2026 beginning at 7:30 a.m. This weight will be used to place in classes.
5. All exhibitors must be regularly enrolled in 4-H Club work in Logan County. All members must be enrolled in the project exhibited and the exhibit must be the current year's club work and a project of the exhibitor.
6. **Livestock that have not been adequately trained to show and therefore pose as potential safety hazards may be removed from the show at the superintendent's/Fair Board/Extension Staff's discretion with no rights to premiums and awards.**
7. All livestock species must complete the nomination process to show at State Fair and/or KJLS Deadlines: Market Beef-May 1; Goats, Sheep & Swine - June 15.
8. **All entries showing indication of any contagious or infectious disease will not be allowed on the fairgrounds for Health Protection.**
9. Exhibitors are expected to exhibit their own animals and projects. An exhibitor substitution may be allowed only in the following cases:
 - Exhibitor is ill/injured; must have physician's order and be present at the time of show
 - Exhibitor has more than one animal entered in the same species
 - Exhibitor has animals simultaneously being judged in more than one species
 Substitute exhibitors must be entered and exhibiting their own project(s) in the respective species department at Logan County Fair in which they are serving as a substitute.
10. **Livestock exhibitors may enter up to, but no more than 3 market beef, 3 market hogs, 3 market goats, and 3 market lambs. In breeding classes, an exhibitor will be limited to exhibiting not more than 3 dairy goats, 3 market goats, 3 breeding heifers, 3 breeding gilts and 3 breeding ewes. In dairy cattle, a maximum of 3 head (any age) may be shown.**
11. Each exhibitor must groom his or her own animal and may use only the assistance of an immediate family member (mother, father, legal guardian, brother or sister) or of another 4-H member who is an exhibitor at the 2026 show. This rule will be strictly enforced and any exhibitor violating it will have their animal in question eliminated from competition. (for family emergencies exemptions, please contact the Extension Office for details)
12. **The steer and heifer show will be a no fit show, "Blow and Show". "No Fit", at the Logan County Fair is defined as using no adhesive, glue, paint or powder products.**
13. **Anyone wishing to report unauthorized people grooming animals must follow the Logan County 4-H Protest Policy on page 7 of this fair book.**
14. Dress Code - Exhibitors should dress with pride in species appropriate clothing. T-shirts, tennis shoes, and head wear are discouraged.
15. If an exhibitor removes their animal from the show ring prior to completion of judging any class without consent of the ring steward, the exhibitor may be disqualified.
16. If livestock is taken home, it **CANNOT** be brought back to fairgrounds for duration of fair. If livestock is brought home, participant is no longer eligible or Round Robin. (Horses are

not required to stay at the fairgrounds)

Withdrawal times for drugs, growth promotants, and other approved materials:

Exhibitors, their parents, leaders and instructors have a serious responsibility to use animal health aids (drugs), growth promotants, and any other approved materials with great care and only when needed and in correct amounts. Approved withdrawal times are set and must be followed to assure that consumers receive wholesome food. Withdraw times should be set appropriately for your date of arrival to the fairgrounds.

Animal Abuse Clause

Abusive and/or neglectful treatment of animals/livestock, as determined by the Golden Prairie Extension Staff and Fair Board, will **NOT** be tolerated at any animal/livestock related events within the Golden Prairie District. If abuse by an exhibitor is determined, the result will be one or more of the following: the garnishment of premiums, ribbons, placings within the show and the exhibitor being barred from exhibiting at the fair the following year. Fair Board will vote if premiums are withheld on a case by case basis.

If **ANYBODY** other than the exhibitor is observed abusing an animal, they will be asked to exit the area, and will be refused access to all livestock areas for the duration of the fair and possibly the following fair. ***Further action will be taken if necessary***

Consequences are at the discretion of extension staff and fair board

If any animal abuse is witnessed please notify superintendents, extension staff, or fair board immediately following the incident!

LIVESTOCK PREMIUM AUCTION

1. Each 4-H'er will be allowed to sell only 1 animal in each species (one beef, swine, pen of 3 chickens, goats, sheep, and bucket calves).
2. All livestock will be sold by the head.
3. There will be no minimum or maximum weight requirements for animals to sell in the livestock auction.
4. The animal with the highest ribbon placing will be sold. If both animals have the same ribbon placing, then the heaviest animal will be sold.
5. The Grand Champion animal in each division will be sold first, followed by the Reserve Champion, purple, blue, red, and white ribbon placing.
6. All animals sold in the 4-H livestock auction will be released at the conclusion of the sale on **Friday, July 24, 2026**. Any animal that is not sold in the livestock auction will be released immediately following the sale.

SHOWMANSHIP

There will be three sections of showmanship with Seniors consisting of members 14-18 year old as of January 1, of the current year. Intermediate are members 10-13 years of age. Juniors will be those members 7-9 under as of January 1, of the current year.

Showmanship classes will be conducted before the conformation classes in all species. (If a 4-H member finds it necessary to show more than one animal in a class, another Logan County 4-H livestock member may show the animal for conformation placing only.) This does not include showmanship.

2026 RECOMMENDED REQUIREMENTS FOR KANSAS COUNTY FAIRS

GENERAL REQUIREMENTS

- It is recommended that all animals be subject to examination by the exhibition staff or their representatives and shall be free of clinical signs of infectious or contagious disease.
- It is recommended that animals determined by exhibition staff to have not met listed requirements and recommendations will not be permitted to exhibit.
- **Certificate Of Veterinary Inspection (Health Certificate)**
 - **Kansas Origin Livestock** – Certificate of Veterinary Inspection is not required by Kansas Department of Agriculture – Division of Animal Health (KDA-DAH), but can be required at the discretion of each exhibition event.
 - **Livestock Originating From Other States** – All livestock originating outside of Kansas must meet Kansas import requirements and must have a valid Certificate of Veterinary Inspection.

CATTLE (BEEF, DAIRY) AND BISON

- All cattle and bison must meet the General Requirements.
- It is recommended that cattle determined by exhibition staff to have lesions of ringworm, warts or infested with mange will not be permitted to exhibit.
- **Cattle Originating From Other States**
 - All cattle must have official ID, and ID must be individually listed on the accompanying CVI.
 - All dairy cattle require an import permit.
 - All lactating dairy cattle must have negative HPAI milk test within 7 days of movement, if originated from “Affected” or “Provisional Unaffected States”. The most updated state status map can be found here: <https://www.aphis.usda.gov/livestock-poultry-disease/avian/avian-influenza/hpai-detections/livestock/nmts>

GOATS

- In addition to the General Requirements, all goats must be:
 - Identified with a registered tattoo or an official USDA premises ID tag (Scrapie tag.) Goats identified with registration tattoos must have legible tattoos and must have registration papers for these animals available for inspection.
 - It is recommended that all goats are free of any signs of sore mouth and clinical signs of active fungal (ringworm) infection.
- **Goats Originating From Other States**
 - All goats must have official ID, and ID must be individually listed on the accompanying CVI.

HORSES

- All horses must meet the General Requirements.
- **Kansas Origin Horses** – A valid VS Form 10-11 showing evidence of a negative Equine Infectious Anemia (Coggins) test conducted by a state-approved laboratory within 12 months prior to exhibition is required by KDA-DAH. Foals six months of age and younger, accompanying their EIA-negative dams, are exempt from EIA test requirements.
- **Horses Originating From Other States** must be accompanied by a valid VS Form 10-11 showing evidence of a negative Equine Infectious Anemia (Coggins) test conducted by a state-approved laboratory within 12 months prior to entry into Kansas. Foals six months of age and younger, accompanying their EIA-negative dams, are exempt from EIA test requirements.

POULTRY

- All poultry must meet the General Requirements.
- **Kansas Origin Poultry**
 - Kansas continues its designation as a Pullorum-Typhoid (P-T) Clean state.

- All poultry (except waterfowl) are required to show proof of being P-T clean by one of the following:
 - Originate from a certified U.S. Pullorum-Typhoid clean flock
 - Test negative at check-in of the county fair when the county has been designated by KDA-DAH for surveillance. Routine surveillance testing will be performed for each county fair a minimum of once every 5 years.
- **Poultry Originating From Other States** – All poultry (except waterfowl) are required to show proof of being P-T clean by one of the following:
 - Originate from a certified U.S. Pullorum-Typhoid clean flock
 - Test negative on a P-T test within 90 days of exhibition
- Additionally, out-of-state poultry must have a "Permit to Ship Poultry or Hatching Eggs" issued by the KDA-DAH within the previous year or a permit number issued by the KDA-DAH office within the previous 15 days.

RABBITS

- All rabbits must meet the General Requirements.
- **Rabbits Originating from other States** - All rabbits originating outside of Kansas must meet Kansas import requirements and must have a valid Certificate of Veterinary Inspection.

SHEEP

- In addition to the General Requirements, all sheep must be:
 - Identified with a registered tattoo or an official USDA premises ID tag (Scrapie tag.) Sheep identified with registration tattoos must have legible tattoos and must have registration papers for these animals available for inspection.
 - It is recommended that all sheep are free of any signs of sore mouth and clinical signs of active fungal (ringworm) infection, including club lamb fungus.
- **Sheep Originating From Other States**
 - All sheep must have official ID, and ID must be individually listed on the accompanying CVI.

SWINE

- All swine must meet the General Requirements.
- **Swine Originating From Other States** must also meet one of the following:
 - All swine must have official ID, and ID must be individually listed on the accompanying CVI.
 - All swine must obtain an import permit number prior to movement into Kansas.

POULTRY

Location: Logan County Fair Grounds Barn
 Judging Date: Tuesday, July 21st,
 Immediately following Rabbit
 Show Category: Dogs, Pets, Rabbits, &
 Poultry

Poultry coops will be furnished by the Fair committee and the exhibitor must bring feed, containers for feed, water, and bedding.

NOTE: Each exhibitor is limited to exhibit in no more than 3 classes. Poultry will be **registered** Tuesday, July 21st, at the 4-H Fair Grounds at 10:00 a.m. Release time and date will be immediately following livestock sale on Friday, July 24th, 2026. Exhibitors may sell no more than 1 lot at the sale Friday. 4-Her only is encouraged to answer and/or ask questions of the judge. Notify the livestock committee if you plan to sell so your name can be included on the sale bill. Poultry exhibits must be purchased by exhibitor before June 1, of the current year. Poultry must be banded to exhibit at State Fair & encouraged to be banded at County Fair. Must be of blue ribbon quality to exhibit at State Fair.

**Judged on exhibition qualities in the "The American Standard of Perfection."

All poultry (except waterfowl) are required to show proof of being P-T clean by one of the following:

- Originate from a certified U.S. Pullorum-Typhoid clean flock
- Test negative at check-in of the county fair when the county has been designated by KDA-DAH for surveillance. Routine surveillance testing will be performed for each county fair a minimum of once every 5 years.

- CLASS 560** Sr. Poultry Showmanship
CLASS 561 Int. Poultry Showmanship
CLASS 562 Jr. Poultry Showmanship
CLASS 563 **Standard Breeds - Large Fowl - One young bird of either sex.
CLASS 564 **Standard Breeds - Large Fowl - One old bird of either sex.
CLASS 565 **Standard Breeds - Bantams - One young bird of either sex.
CLASS 566 **Standard Breeds - Bantams - One old bird or either sex.
CLASS 567 Projection Pullets - Pen, 3 Standardbred, Crossbred, or Straincross pullets to be judged on egg production qualities only.
CLASS 568 Production Hens - Pen, 3 Standardbred, crossbred or Straincross hens to be judged on egg production qualities only.
CLASS 569 Dual purpose pullets - Pen, 3 Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
CLASS 570 Dual purpose hens - Pen, 3 Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
CLASS 571 *Turkeys - all breeds - 1 bird of either sex
CLASS 572 *Ducks - Call or Bantum all breeds 1 bird or either sex.
CLASS 573 *Ducks, All breeds, 1 of either sex.
CLASS 574 Geese, all breeds - 1 bird of either sex.
***CLASS 575** Other Fowl (*Not State Fair Eligible*)

RABBITS

Location: Logan County Fair Grounds Barns
 Judging Date: Tuesday, July 21st, 10:30 am
 Category: Dogs, Pets, Rabbits, & Poultry

Rabbits will be **registered** Tuesday, July 21st, at the Fairgrounds at 10:30 a.m. Release time and date will be immediately following Livestock Sale on Friday, July 24, 2026. 4-H members may exhibit one entry per class. 4-H'er only is encouraged to answer and/or ask judge questions. Each rabbit is to be legibly and permanently tattooed in its left ear for identification (if going on to the State Fair but this is not required at the County Fair). Notify the Logan County Fair Board if you plan to sell so your name can be included on the sale bill. Any rabbit shown at the State Fair must have been owned and in the possession of the 4-Her by July 1, of the current year. A different animal than the one exhibited at the county fair may be shown at the State Fair only if it is within the same breed, variety, class and quality. Please do not bring animals with mites, so others will not be contaminated.

Only breeds recognized by ARBA (listed in the ARBA AStandard of Perfection@) may be shown at State Fair. Jr. or Int. Rabbits that qualify at county must be shown in the correct class according to its age and weight at State Fair time. Each member exhibiting rabbits must clean his/her own pen or pens after the show. Ribbons premiums will be forfeited if pens are not cleaned.

Pre-junior (under 3 months) - classes only available in the following breeds: Beveren, Blanc de Hotot, California, Champagne D' Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Creme D' Argent, New Zealand, and Palomino.

Juniors (under 6 months).

Intermediates - (6-8 months) classes only available in the following breeds: American, Giant Angora, Beveren, Blanc de Hotot, California, Champagne D' Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Creme D' Argent, Flemish Giant, English Lop, French Lop, New Zealand, Palomino, Satin and Silver Fox.

Senior - six months of age or over for breeds other than those listed as having intermediate classes, eight months of age or over for breeds having Intermediate classes.

1. Only those rabbits receiving a blue or purple ribbon award or better may be entered at State Fair.

CLASS 580 Sr. Rabbit Showmanship

CLASS 581 Int. Rabbit Showmanship

CLASS 582 Jr. Rabbit Showmanship

CLASS 583 Sr. Buck. (8 months of age & over for breeds with Intermediate classes; 6 months and over for all other breeds.)

CLASS 584 Sr. Doe. (8 months of age & over for breeds with Intermediate classes; 6 months and over for all other breeds.)

CLASS 585 Int. Buck. (Only breeds listed above with Intermediate classes.)

CLASS 586 Int. Doe. (Only breeds listed above with Intermediate classes.)

CLASS 587 Jr. Buck. (Under six months of age)

CLASS 588 Jr. Doe. (Under six months of age)

CLASS 589 Pre-junior buck. (Only breeds listed above with pre-juniors)

CLASS 590 Pre-junior doe. (Only breeds listed above with pre-juniors)

CLASS 591 Meat pen. Three (3) rabbits, all one recognized breed and variety, minimum weight 3 pounds each, maximum weight 5 pounds each, and not over 70 days of age. Will be judged on their meat qualities, condition, and uniformity.

NOTE: Qualifying shows are held prior to the State Fair and meat pens that qualified will usually be too large and heavy by this show. Members may select a new, younger substitute meat pen of like quality to exhibit at the State Fair.

Swine

Location: Logan County Fair Grounds Barns
Judging Date: Thursday, July 23rd, 8:30 a.m.

All 4-Her's are required to sign the Drug Withdrawal form in order to sell livestock in the Livestock Premium Auction and to exhibit animals.

All animals will be examined by a vet and shall be free of signs of infection or contagious disease.

BREEDING SWINE

1. Registration or transfer papers for animals in the breeding classes must be in the sole name(s) of the exhibitor by June 15 of the current year. Breeding gilts that are registered in a farm name or whose papers include the name of adults are not eligible to show. Breeding swine may be co-owned and co-registered by 2 or more 4-H members of the same family. The individual ear notch number of the animal must match the ear notch on the registration papers.
2. An exhibitor may show a maximum of 3 breeding gilts, either commercial or registered.
3. The swine committee reserves the right to divide the classes if needed to control the number of swine in the arena.
4. Market gilts cannot be shown as breeding gilts.
5. No registration papers are required for commercial gilts but exhibitor must own gilt by initial check-in of the current year..

MARKET HOGS

1. Market hogs must be owned and fed by exhibitor by weigh-in date.
2. Market hogs must be ear notched and tagged with an official Kansas 4-H ear tag by June 15, to be eligible for the Kansas State Fair. Entries for the State Fair must be postmarked by July 15th.
3. **Market Hogs must make the minimum weight of 200 and must not exceed a maximum weight of 300.** If any Market Hogs do not make the required weight limits, they will be shown in either the Feeder or Heavy Weight Classes. These classes are NOT eligible to compete for Grand Champion or Reserve Grand Champion. Market hogs will not be allowed to re-weigh once they have checked in.
4. Market hogs must be barrows or gilts. **Boars cannot show.**
5. Any incisions due to castration or other procedures must be completely healed.
6. A 4-H exhibitor may show a maximum of 3 market hogs at the show, and sell 1 at the premium auction.
7. **All market animals are eligible for the premium auction.**
8. Parents and observers are not allowed to coach exhibitors once judging of a class has begun.

CLASS 600 Sr. Swine Showmanship

CLASS 601 Int. Swine Showmanship

CLASS 602 Jr. Swine Showmanship

CLASS 603 Market Pigs

CLASS 604 Breeding Gilts (can't be shown as market hogs)

ANY SUBSTANCE THAT DOES NOT READILY WASH OFF SKIN IS PROHIBITED

Acceptable examples: light soaps, clean sheen, gojo, simple green, mane & tail, final bloom, pink oil, glisten, white out (not the correction fluid)

Sheep

Location: Logan County Fair Grounds Barns
Judging Date: Thursday, July 23rd, 8:30 a.m.

All 4-Her's are required to sign the Drug Withdrawal form in order to sell livestock in the Livestock Premium Auction and to exhibit animals.

BREEDING EWES

THE USE OF ARTIFICIAL COLORING, EXCEPT ON HOOVES, IS PROHIBITED.

1. Exhibitors who abuse an animal will be barred from showing and will forfeit any premium, ribbon or prize won. The word abuse includes: beating, slapping, using an electric prod or forcing a lamb into a solid object in an attempt to make the animal brace more firmly. Bracing a lamb by holding the front feet off the ground also constitutes abuse. During the judges inspection or handling, all four feet of the animal are to be in contact with the ground.
2. Registrations of transfer papers for animals in the breeding classes must be in the sole name(s) of the exhibitor by June 15 of the current year. (Breeding ewes that are registered in a farm name or whose papers include the name of adults are **not** eligible to show.) Breeding sheep may be co-owned and co-registered by 2 or more 4-H members of the same family. The "**flock tag**" number of the animal must match the **flock number** on the registration papers.
3. The base date for determining age of registered breeding sheep is September 1.
4. All ewes must have a scrapie tag.
5. All commercial ewes (non-registered) must have an official Kansas 4-H ear tag (and must have a valid, legible nose print on file in Manhattan to be eligible for the State Fair and KJLS) by June 15.
6. **Yearling ewes must be born on or between January 1, 2025 and December 31, 2025. Ewe lambs must be born on or after January 1, 2026.** At the time of check in, ALL commercial ewes will be mouthed. Ewe lambs must have only baby teeth visible. Yearling ewes may be showing no more than two visible permanent incisors is wearing.

MARKET LAMBS

1. Market lambs must be owned and fed by exhibitor by weigh-in of the current year.
2. Market lambs must have an official Kansas 4-H tag for county fair and an EID ear tag and the 4-Her must complete the nomination process by June 15th to be eligible for the State Fair and KJLS) by June 15.
3. **Market lambs must weigh a minimum of 90 pounds (with no top weight limit) in order to show in the Grand Drive.** Lambs will not be allowed to re-weigh once they have checked in
4. Market lambs must be weathers or ewes. Ram lambs or cryptorchids cannot show.
5. All lambs must have their lamb teeth and will be mouthed at check-in.
6. An exhibitor may show a maximum of 3 market lambs at the show, and sell 1 at the premium auction. (Additional animals may be sold at floor price.)
7. At the time of the show all market lambs must be slick shorn with an even length of wool covering above the hock and knee (head excluded). Wool length should not exceed .2 inch.
8. **All market animals are eligible for the premium auction.**
9. Parents and observers are not allowed to coach exhibitors once judging of a class has begun.

CLASS 610 Sr. Sheep Showmanship

CLASS 611 Int. Sheep Showmanship

CLASS 612 Jr. Sheep showmanship

CLASS 613 Breeding Ewe Lamb

CLASS 614 Breeding Yearling Ewe

CLASS 615 Market Lamb

DAIRY CATTLE

Location: Logan County Fair Grounds Barns
 Judging Date: Wednesday, July 22nd, 9 am
 Category: Large Animal Show

[All 4-Her's are required to sign the Drug Withdrawal form in order to sell livestock in the Livestock Premium Auction and to exhibit animals.](#)

1. Holstein, Jersey, Ayrshire, Brown Swiss and Milking Shorthorn are eligible to show.
2. Be prepared to provide **sole ownership** by showing registration or transfer papers when checking in your animal at the fair. These papers must be in **your name only** and dated before June 15 of the current year. Animals registered or transferred to you after June 15 of the current year cannot be shown at the fair.
3. You must have carried the 4-H dairy project at least 100 days. The superintendent of the species may grant exceptions to this rule in case of unusual or emergency conditions.
4. Age in the dairy classes will be determined by standard classifications.

Showmanship

- | | |
|---|-----------|
| A. Appearance of animal | 40 points |
| 1. Condition and thriftiness | 10 |
| 2. Grooming..... | 10 |
| 3. Clipping..... | 10 |
| 4. Cleanliness... .. | 10 |
| B. Appearance of exhibitor | 10 |
| 1. Clothes and person, neat and clean, white costume preferred. | |
| C. Showing animal in ring..... | 50 points |
| 1. Leading..... | 15 |
| 2. Posing | 15 |
| 3. Show animal to best advantage... .. | 10 |
| 4. Poise, alertness and attitude | 10 |

This is the uniform scorecard approved by the American Dairy Science Association and the Purebred Dairy Cattle Association.

(All breeds shown together)

CLASS 620 Sr. Dairy Cattle Showmanship

CLASS 621 Int. Dairy Cattle Showmanship

CLASS 622 Jr. Dairy Cattle Showmanship

CLASS 623 Senior Calf, born September 1 to November 30, previous year

CLASS 624 Summer Yearling Heifer, born June 1 to August 31, previous year

CLASS 625 Junior Yearling Heifer, born March 1 to May 31, previous year

CLASS 626 Winter Yearling Heifer, born December 1, 2024 to February 29, previous year

CLASS 627 Senior Yearling Heifer, born September 1 to November 30, 2025

CLASS 628 Dry Cow, Any Age

CLASS 629 Junior Two Year Old Cow, born March 1 to August 31, 2024

CLASS 630 Senior Two Year Old Cow, born September 1, 2023 to February 28, 2024

CLASS 631 Junior Three Year Old Cow, born March 1 to August 31, 2023

CLASS 632 Senior Three Year Old Cow, born September 1, 2022 to February 28, 2023

CLASS 633 Four Year Old Cow, born September 1, 2022 to August 31, 2022

CLASS 634 Five Year Old Cow, born September 1, 2021 to August 31, 2021

CLASS 635 Aged Cow, born before September 1, 2021

Grand and Reserve Grand Champions

DAIRY GOATS

Location: Logan County Fair Grounds Barns
 Judging Date: Thursday, July 23rd, 8:30 am
 Category: Small Animal Show

All 4-Her's are required to sign the Drug Withdrawal form in order to sell livestock in the Livestock Premium Auction and to exhibit animals.

1. Read General Regulations.
2. ADGA registration papers or stamped duplicate registration applications for goats under 6 months of age **will be required** for all animals(at the State Fair but not at the County Fair). If papered, they must be in the sole name of the 4-Her by June 15. No joint herd names or multiple owners are allowed. All papers must be presented at check-in for verification.
3. Entries will be placed in classes by age with the day of judging being the base date. Each exhibitor is limited to a maximum of three head total. Only does can show.
4. Exhibitors are requested to be neatly and appropriately dressed (preferably in white) when showing animals.

Jr. Does - animals that are **not** in milk or have not previously freshened.

Sr. Does - animals are in milk or have previously freshened.

(All breeds shown together)

CLASS 640 Sr. Dairy Goat Showmanship

CLASS 641 Int. Dairy Goat Showmanship

CLASS 642 Jr. Dairy Goat Showmanship

CLASS 643 Junior doe, birth date from April 1, 2025 to show date.

CLASS 644 Junior doe, birth date form March 1 to March 31, 2025.

CLASS 645 Junior doe, birth date from September 16, 2024 to February 28, 2025.

CLASS 646 Junior doe, birth date from September 16, 2023 to September 15, 2024. (Dry yearling)

Junior Champion and Reserve Champion

CLASS 647 Senior doe, 2 years and under in milk or previously freshened.

CLASS 648 Senior doe, 3 years of age in milk or previously freshened.

CLASS 649 Senior doe, 4 years of age in milk or previously freshened.

CLASS 650 Senior doe, 5 years and older in milk or previously freshened.

Senior Champion and Reserve Champion

MARKET GOATS

Location: Logan County Fair Grounds Barns
 Judging Date: Thursday, July 23rd, 8:30 am

Specific Rules for All Goats:

All 4-Her's are required to sign the Drug Withdrawal form in order to sell livestock in the Livestock Premium Auction and to exhibit animals.

1. All entries and awards in this division will be subject to the General Rules and Regulations.
2. Any breed or crosses will be eligible to compete.
3. All goats will be required to have horns tipped; no sharp points allowed.
4. **All goats must weigh a minimum weight of 50 pounds to be eligible to show in the Grand Drive.** There will not be a maximum weight.
5. Classes will be broken into weight classes upon the decision of the show officials.
6. All goats must be penned in the designated areas.
7. 4-Hers may show a maximum of 3 market goats and 3 breeding goats.
8. There must be three or more in a weight class or all market goats will be shown together.
9. **All market animals are eligible for the premium auction.**
10. Parents and observers are not allowed to coach exhibitors once judging of a class

has begun.

- CLASS 652** Market Goat
CLASS 653 Jr. Goat Showmanship
CLASS 654 Int. Goat Showmanship
CLASS 655 Sr. Goat Showmanship

BREEDING GOAT

1. No bucks of any age will be allowed on the grounds.

- CLASS 656** Jr. Doe - 12 months and under
CLASS 657 Intermediate Doe - 24 months and under
CLASS 658 Sr. Doe - 24 months and over
CLASS 659 Meat Goat - no age division
CLASS 660 Angora Goat - no age division

BEEF

Location: Logan County Fair Grounds Barns
 Judging Date: Wednesday, July 22nd, 9 am

Specific Rules for All Beef Projects

[All 4-Her's are required to sign the Drug Withdrawal form in order to sell livestock in the Livestock Premium Auction and to exhibit animals.](#)

BUCKET CALVES

(*Not eligible for State Fair)

1. The bucket calf project is for 4-H'ers age 7 to 13. Members shall not have passed their 13th birthday by January 1 of the current 4-H year.
2. Once a 4-H member (junior or intermediate) competes in a Market Steer/Heifer Class, they can NO LONGER compete in Bucket Calf or Return Bucket Calf 4-H Project.

An orphan or newborn calf, male or female, dairy, beef, or cross; fed on bucket or bottle.

Judging of this project will be as follows:

1. This is a Jr. Project. There is no Senior division. It is intended for younger members who do not wish to try a full-grown market steer yet. Members can participate in only bucket calf or market steer, not both.
2. Calf must be born after January 1, of the current year, and be in possession by weigh-in, of the same year. Bucket calves will be tagged with swine and sheep.
3. No nurse cows or goats will be allowed.
4. Members are allowed 2 calves. All calves should be shown by 4-H members from Logan County.
5. Calves should be well halter broke and lead well.
6. 4-H member must be 7-13 years old by January 1, of the current year to participate in bucket calf project.
7. Bucket calves will be split into classes determined by 4-H'ers age if necessary. The Livestock Committee reserves the right to break classes by weight if the need arises.
8. Judging is based upon the following:

General Appearance: health, cleanliness, grooming. Halter broke and ease at which youth can lead, control and set up the animal.

Conference judging: What the 4-Her has learned about caring for and raising the calf. The judge will ask questions about how the calf has been taken care of, training, etc.
9. **The steer and heifer show will be a no fit show, "Blow and Show". "No Fit", at the Logan County Fair is defined as using no adhesive, glue, paint, or powder products.**

***CLASS 664** Members 7-9 years old

***CLASS 665** Members 10-13 years old

RETURN BUCKET CALVES

(*Not eligible for State Fair)

1. Any Junior or Intermediate 4-H Member (7-9, 10-13 yrs. Old) with a Return Bucket Calf will show into Market Heifer/Market Steer Class or Breeding Classes.
2. Once a 4-H member (junior or intermediate) competes in Market Steer/Heifer Class or Breeding Classes, they can NO LONGER compete in Bucket Calf or Return Bucket Calf 4-H Project.

*Approved March 2, 2020

A market animal, male or female, beef or dairy, fed on bucket or bottle as a newborn calf. Return bucket calves must be your own bucket calf from the year before.

All exhibitors should have a card placed by their animals showing owner's names, when and where purchased and weight at Fair time.

Judging of this project will be as follows:

1. The animals in this division must have been shown as a Bucket Calf the previous year.
2. Members are allowed 2 Return Bucket Calves and may also participate in the Bucket Calf project with 2 bucket calves. All calves are to be shown by 4-H members from Logan County.
3. **The steer and heifer show will be a no fit show, "Blow and Show". "No Fit", at the Logan County Fair is defined as using no adhesives, glue, paint or powder products.**

MARKET BEEF

All steers will be mouthed. Permanent incisor teeth cannot have erupted, and all baby teeth must be present.

All market beef that do not weight at least 950 lbs. will automatically be moved to a "feeder calf class" and will not be eligible for the Grand Drive"

1. **All market animals are eligible for the premium auction.**
2. Parents and observers are not allowed to coach exhibitors once judging of a class has begun.

CLASS 670 Sr. Beef Showmanship

CLASS 671 Int. Beef Showmanship

CLASS 672 Jr. Beef Showmanship

CLASS 673 Feeder Steers

CLASS 674 Market Steers - All steers will show by weight not by breeds.

CLASS 675 Market Heifers

CLASS 676 Return Bucket Calf

BREEDING BEEF

In Breeding Heifer classes, these regulations must be met:

1. All registered heifers must have **original registration papers** in the sole name(s) of the exhibitor prior to June 15, of the current year. All registered heifers must be identified with a permanent tattoo corresponding to original registration papers which must be present with the heifer at check-in. Any animal upon check-in which does not have a legible tattoo corresponding to its registration certificate is ineligible to show.
2. Heifers that are registered in a farm name or whose papers include the name of adults are not eligible to show. However, heifers may be co-owned and co-registered by two or more 4-H members of the same family.
3. **The steer and heifer show will be a no fit show, "Blow and Show". "No Fit", at the Logan County Fair is defined as using no adhesive, glue, paint or powder.**
4. The animals should be clipped.

Junior Heifer Born after January 1, of the current year.

Sr. or Winter Heifer Born between September 1, and December 31, of previous year.
Summer Yearling Heifer Born between May 1, and August 31 of previous year.
Spring or Jr. Yearling Heifer Born between January 1, and April 30, of previous year.
Cow and Calf

***CLASS 678** Jr. Heifer
CLASS 679 Senior or Winter Heifer
CLASS 680 Summer Yearling Heifer
CLASS 681 Spring or Junior Yearling Heifer
CLASS 682 Cow and Calf
CLASS 683 Return Bucket Calf- Breeding

HORSE

Location: Logan County Fair Grounds Arena
 Judging Date: Tuesday, July 21st, 4:00 p.m.
 Category: Horse Show

The Horse Show is Tuesday, July 21st, 2026 at 4:00 p.m. Check-In & sign-up will be Tuesday, July 21st starting at 2pm. Horse stalls will be provided at this year's fair. Horses are not required to stay at the fairgrounds.

Horses must meet the general requirements. **A negative test for equine infectious anemia (Coggins Test) within 12 months for 4-H & Open Class is required. It is also recommended to consider vaccination for West Nile Virus for 4-H & Open Class.**

General Rules

1. Questions regarding conduct or rules of the show should be referred to the show management. If a problem exists, it will be presented to the protest committee. This committee will consist of Extension Staff, Fair Board members, & Extension Executive Board Members. (See page 7) The appeals committee can confer with the judge; however, the judge's decision and placings will be considered final. At no time should the contestants and/or parents be allowed to confront the judge during show.
2. All contestants and family members are expected to always display proper conduct and politeness. Unsportsmanlike conduct will not be tolerated and will result in forfeiture of all placings and qualifications earned that day.
3. Only mares and geldings may be shown at halter and under saddle.
4. Hoof black is optional and will not count over a well-cleaned, neat hoof.
5. Riders will be penalized by disqualification for misuse of hands and excessive use of bats, whips, spurs, or reins. Use of these in front of the cinch will also result in disqualification.
6. Bats can be used in timed events only and must be leather, leather covered, or well covered with other material and must be flexible. Over and under ropes, on or off the saddle horn, are not permitted.
7. If class entries are considered insufficient to hold a class (fewer than 5 entries), Extension Staff has the option to combine Western Classes (stock-type with non-stock type and/or pony western pleasure) with any age classification.
8. Under ordinary conditions, equipment should not break during the performance, nor should it be changed after the class starts, except on permission from the ringmaster or judge. The judge may disqualify an exhibitor for broken equipment.
9. Any rider not having his/her mount under sufficient control may be dismissed from the ring and disqualified.
10. Horses must be serviceably sound. Signs of pain shall result in dismissal.
11. Riders shall not be asked to change horses with any other contestants at any time.
12. Riders younger than age 14 will not be asked to dismount.
13. **It is the responsibility of the parent/guardian of the 4-H member to see that the**

headgear worn complies with the approved standards and is in good condition. The Kansas 4-H Horse Action Team strongly supports and encourages the use of ASTM certified/SEI approved safety helmets in all equine events. Protective headgear is encouraged in all classes without discrimination. (Bicycle Helmets are not equine certified)

14. **All exhibitors in hunter hack classes and during fence warm-up exercises are required to wear an approved helmet, which must have the ATSM/SEI sticker intact on the inside of the helmet and a date within the last five years.**
15. Exhibitors may not be tied, buckled, or fastened to a horse of any portion of the tack. EXCEPTION: Any person with a handicap which necessitates such assistance.
16. To participate in timed events, 4-H members must participate in at least one other performance class.
17. **All horses shown at owner's risk. NOT RESPONSIBLE FOR ACCIDENTS.**
18. Stimulants, sedatives, tranquilizers are prohibited.
19. **A sportsmanship award will be awarded to ONE rider and horse. This will be chosen by the judge and announced after the show.**
20. Parents and observers are not allowed to coach exhibitors once judging of a class has begun.

For rules and regulations for the classes refer to the Kansas 4-H Horse Show Rule Book. It is for sale at the Extension Office or go online: <http://www.bookstore.ksre.ksu.edu/pubs/S133.pdf> to download and print it.

Each project horse must be managed according to the following guidelines:

Ownership- You may own the horse yourself or use a family-owned horse (immediate family: mother, father, stepparent, brother, sister, grandparent, or legal guardian). In any case, you must manage (feed, exercise, groom, train, etc.) the horse at least 75% of the time from May 1 through September 30. The 4-H project year starts in October and goes through September of the following year. Members should be expected to start their horse record on October 1, or as soon as they purchase their horse.

Leasing- The leasing option is intended for youth who are unable to participate fully in the 4-H Horse Project because they do not have access to family-owned horses. You may lease a horse for use as a 4-H project horse, if you manage the horse at least 75% of the time from May 1 through September 30. Members are expected to start their record on October 1, or as soon as they lease their horse.

A project horse that is leased must be identified through the County Extension Office no later than May 1. A 4-H member may only identify one leased horse per year, and may not identify any family-owned horse. 4-H'ers who qualify for the 2-year-old snaffle bit horse may also identify a family-owned horse to serve an "open" project horse but may not identify a family-owned horse for the 2-year-old snaffle bit project. Once a leased horse has been identified as a 2-year-old snaffle bit project, the horse is not eligible for showing at the district show. A 4-H'er using a leased horse for either an open project horse or a 2-year-old snaffle bit horse must abide by all other rules.

Sharing Project Horses- Siblings may show the same horse provided they are not in the same class. If both are in the same age classification, they must decide what classes each will show. In any case, they must share management of the horse.

Identification- To exhibit at a 4-H Horse Show you must properly identify your owned or leased horse project on a 4-H horse identification certificate. You must complete and submit the 4-H identification certificate to your local extension office on or before May 1, of the current 4-H year.

Halter Show Order

Stock Type = Quarter Horse, Paint, Appaloosa, etc.

Non-Stock Type = Morgan, Arabian, Thoroughbred, Saddlebred, Pony (defined as 14 hands or smaller), miniature horse, etc.

CLASS 700 Halter Stock Type Geldings (any age)

CLASS 701 Halter Non-Stock Type, Miniatures & Pony Geldings (any age)
Overall Grand & Reserve Geldings (selected from above classes 700 & 701)

CLASS 702 Halter Stock Type Mares (any age)

CLASS 703 Halter Non-Stock Type, Miniatures, & Pony Mares (any age)

Overall Grand & Reserve Mares (selected from above classes 702 & 703)

CLASS 704 Sr. Showmanship (age 14-18)

CLASS 705 Int. Showmanship (age 10-13)

CLASS 706 Jr. Showmanship (age 7-9)

Grand & Reserve Champion Showmanship

Performance Classes Show Order

CLASS 708 Sr. Bareback	CLASS 721 Int. Western Pleasure Stock Type
CLASS 709 Int. Bareback	CLASS 722 Jr. Western Pleasure Stock Type
CLASS 710 Jr. Bareback	CLASS 723 Sr. Non-Stock/Pony Western Pleasure
CLASS 711 Sr. English Pleasure	CLASS 724 Int. Non-Stock/Pony Western Pleasure
CLASS 712 Int. English Pleasure	CLASS 725 Jr. Non-Stock/Pony Western Pleasure
CLASS 713 Jr. English Pleasure	CLASS 726 Sr. Horsemanship
CLASS 714 Sr. English Equitation	CLASS 727 Int. Horsemanship
CLASS 715 Int. English Equitation	CLASS 728 Jr. Horsemanship
CLASS 716 Jr. English Equitation	CLASS 729 Sr. Reining
CLASS 717 Sr. Hunter Hack	CLASS 730 Int. Reining
CLASS 718 Int. Hunter Hack	CLASS 731 Jr. Reining
CLASS 719 Jr. Hunter Hack	CLASS 732 Sr. Working Ranch Horse
CLASS 720 Sr. Western Pleasure Stock Type	CLASS 733 Int. Working Ranch Horse
	CLASS 734 Jr. Working Ranch Horse
	CLASS 735 Sr. Ranch Horse Rail
	CLASS 736 Int. Ranch Horse Rail
	CLASS 737 Jr. Ranch Horse Rail
	CLASS 738 Sr. Trail
	CLASS 739 Int. Trail
	CLASS 740 Jr. Trail

All-Around Performance Champion Horse (Sr., Int., & Jr.) – Points for All-Around Champion will be based on the number of entries per class with a maximum of 6 points for 1st place. For example, if there are three exhibitors in a class, 1st place will be worth 3 pts., 2nd place worth 2 pts., and 3rd place worth 1 pt. One bonus point will be given for each purple ribbon to go towards All-Around. In the event of a tie, the Judge's determination will break the tie. **The points for All-Around Performance Champion will not include halter classes, but will include Performance classes, showmanship, and speed events.**

Speed Classes

CLASS 744 Sr. Pole Bending

CLASS 745 Int. Pole Bending

CLASS 746 Jr. Pole Bending

CLASS 747 Sr. Barrel Racing

CLASS 748 Int. Barrel Racing

CLASS 749 Jr. Barrel Racing

CLASS 750 Sr. Flag Racing
CLASS 751 Int. Flag Racing

CLASS 752 Jr. Flag Racing

ROUND ROBIN

Location: Logan County Fair Grounds Barns
Judging Date: Friday, July 24th, 9:00 a.m.
Category: Round Robin Showmanship

1. Round Robin will consist of Intermediate and Senior showmen from beef, swine, sheep, horse, and goat.
2. Grand Champions and Reserve Champions of Intermediate and Senior showmanship classes will compete. All entries are eligible for Grand Champion Round Robin
3. 4-H'ers must show the animal that they won showmanship with unless exception is made by Extension Staff.
4. If a 4-H'er wins Grand or Reserve showmanship in two or more areas, they must select their "home species". The next highest ribbon winner from the species they do not select will be eligible to show in that area, and their animal will be used for round robin, unless an exception is made by Extension Staff or Fairboard.
5. Species shall include beef, swine, sheep, horse, and goat.
6. Round Robin events are held to different standards than any individual showmanship activity, and rules are subject to change by extension staff and may be altered to fit safety standards.
7. **All participants must be accompanied by a parent when choosing your home species.**
8. Round Robin scoring will be based on a scoring rubric given to judges.

CLASS 800 Round Robin (Sr.)
CLASS 801 Round Robin (Int.)

2026 OPEN CLASS OPPORTUNITIES

For adults and youth including 4-H members. **4-H members may not exhibit in any classes for a project in which they are enrolled. (Excluding Horse Project)** There will be a junior (18 and under) and an adult division (19 and over).

1. Ribbons are awarded using the Danish System, similar to 4-H Ribbon Awards.
2. **All open class entrants will be expected to follow the rules which the 4-H members are asked to follow when they make their entries.** A page number will be listed which designates the rules which must be followed. **If you do not see a specified class number for Open Class entries refer to the 4-H Class Number.**

Open Class Horse Show

Kansas State Horse Show Rule Book will be followed.

Special Rules for Horse:

1. Age of horse and rider is determined as of January 1st of the current 4-H year.
2. All-around ribbons will be given to the top individual in five age groups. Pee Wee, Junior, 7-9. Intermediate, 10-13. Senior, 14-18. Adult, 19 and older. Ties for all-around will be broken by the number of classes the participants participated in.
3. Classes may be divided or combined at the discretion of the superintendent.
4. Ribbons will be awarded to all riders. Premiums will be paid on all ribbons.
5. Points for all-around will not be given on halter classes.
6. Lead Pony and Walk Trot participants cannot show in loping classes.
7. Horses must enter the arena and hesitate before starting run. The gate must be closed and be kept closed until the runner stops. For safety reasons, horses must enter under the control of the rider. Horses cannot be led into the arena by an unmounted or mounted person. The rider must also have the horse under control before exiting the arena.

Showmanship Classes

- Class 200 Adult Showmanship
- Class 201 Senior Showmanship
- Class 202 Intermediate Showmanship
- Class 203 Junior Showmanship
- Class 204 Pee Wee Showmanship

Halter Classes

- Class 205 Mare and Foal
- Class 206 2019 Mare
- Class 207 2018 Mare
- Class 208 2017 Mare
- Class 209 Aged Mare
- Class 210 Grade Mare, all ages
- Class 211 2019 Gelding
- Class 212 2018 Gelding
- Class 213 2017 Gelding
- Class 214 Aged Gelding
- Class 215 Grade Gelding, all ages

Performance Classes

- Class 216 Adult Hunter Under Saddle
- Class 217 Senior Hunter Under Saddle
- Class 218 Intermediate Hunter Under Saddle
- Class 219 Junior Hunter Under Saddle
- Class 220 Adult English Equitation
- Class 221 Senior English Equitation
- Class 222 Intermediate English Equitation
- Class 223 Junior English Equitation
- Class 224 Adult Hunter Hack

Class 225 Senior Hunter Hack
 Class 226 Intermediate Hunter Hack
 Class 227 Junior Hunter Hack
 Class 228 Lead Pony (rider 7 yrs or younger)
 Class 229 Walk Trot (rider 7 yrs or younger)
 Class 230 Adult Bareback
 Class 231 Senior Bareback
 Class 232 Intermediate Bareback
 Class 233 Junior Bareback
 Class 234 Adult Western Pleasure
 Class 235 Senior Western Pleasure
 Class 236 Intermediate Western Pleasure
 Class 237 Junior Western Pleasure
 Class 238 Adult Horsemanship
 Class 239 Senior Horsemanship
 Class 240 Intermediate Horsemanship
 Class 241 Junior Horsemanship
 Class 242 Adult Trail
 Class 243 Senior Trail
 Class 244 Intermediate Trail
 Class 245 Junior Trail
 Class 246 Pee Wee Trail
 Class 247 Adult Reining
 Class 248 Senior Reining
 Class 249 Intermediate Reining
 Class 250 Junior Reining
 Class 251 Adult Barrels
 Class 252 Senior Barrels
 Class 253 Intermediate Barrels
 Class 254 Junior Barrels
 Class 255 Pee Wee Barrels
 Class 256 Adult Poles
 Class 257 Senior Poles
 Class 258 Intermediate Poles
 Class 259 Junior Poles
 Class 260 Pee Wee Poles
 Class 261 Adult Flag Race
 Class 262 Senior Flag Race
 Class 263 Intermediate Flag Race
 Class 264 Junior Flag Race
 Class 265 Pee Wee Flag Race

Antiques and Collectibles

Judging.....

Specific Rules for Antiques and Collectibles

1. Included a description, history, or story about your entry.
2. The Logan County Fairboard and the Golden Prairie Extension board will not be held accountable for broken, damaged, or stolen items
3. **A maximum of 5 entries per exhibitor will be allowed in the OC Antiques and Collectibles division.**

Class 800 Documents

Class 801 Newspaper or magazine

Class 802	Historical Souvenir
Class 803	Quilt
Class 804	garment
Class 805	Toy
Class 806	Gun or Hunting knife
Class 807	Books
Class 808	Scrap Books
Class 809	Commercial Advertising
Class 810	Tools
Class 811	Glass, Pottery, or Porcelain (single piece or pair)
Class 812	Pitcher
Class 813	Tin, iron, Copper, Brass, Silver, Gold, or other Metal
Class 814	Picture
Class 815	Coins
Class 816	Timepiece, Clock or Watch
Class 817	Plastic
Class 818	Cookie Jar/Collections, 3-15 items
Class 819	Other Antiques or Collectibles

FFA AG MECHANICS SHOW

1. Exhibits in this division will be shown out-of-doors. Displays in this division will consist basically of examples of labor-saving devices and/or examples of farm machinery and equipment which have been constructed, repaired, reconditioned, or renovated. The work on this group display must have been done by Vo-Ag or FFA students in the last 2 school years prior to the County Fair.
2. All exhibits must be clean and in presentable condition for show purposes. Each exhibit should have a sign containing the name of the exhibitor, school, town, and a description of the item. The description should include a bill of materials, including **all materials and services that are custom work and costs, convenience factors, safety features, hours to build or repair, and cost of item new. Working drawings are optional.**
3. Submit a print-out for the judge of the projects entered in each class.
4. Individuals need to be accessible Tuesday July 15, 2026, at 9:30 a.m. (judging day) for a possible interview regarding their constructed projects. At the time of entering (Monday, July 14, 2025, from 8:00-6:00 p.m.), a time schedule for the interview may be requested from the Division Superintendent.
5. Results of the Champion Ag Mechanics Show will be posted the day following judging in the 4-H Building.
6. A project built by more than 1 student is eligible to be entered as part of the chapters group display.
7. Additional projects may be entered in the individual competition, but only 4 may be used as a group display, and they must be designated at the time of entry.
8. Management will exercise reasonable precautions but will not be responsible for injury or loss. If insurance is desired, it must be arranged for by the exhibitor.

9. Display from FFA chapters competing for group awards will consist of 4 pieces of equipment or machinery, 1 of which may be a repair job, and will be judged collectively, 1 group against another, in competing for the following:

GROUP DISPLAY

Class O-150 Group display of 4 pieces

INDIVIDUAL PROJECTS

Class O-151 Individual piece of equipment

Class O-152 Individual piece of repair work

Class O-153 Individual Construction Project, this includes 9th or 10th grade students who completed a construction project in Beginning Ag, Intro to Ag, Ag Science, or Ag I class

GROUP PROJECTS

Class O-154 Group individual piece of equipment (a project built by more than 1 student)

SHOP/LAB SKILLS DIVISION

Class O-155 Article made from sheet metal

Class O-156 Article incorporating wood

Class O-157 Piece of forging

Class O-158 Tool by entrant

Class O-159 Electric welding article

Class O-160 Small labor-saving device

Class O-161 Piece of lathe work

Class O-162 Other article



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