

Geary County Free Fair

July 19-23, 2026



4-H Division
Fair Book

KANSAS STATE
UNIVERSITY
Extension - Geary County



For further information about the Geary County Free Fair contact the Geary County K-State Extension Office, 119 E. 9th Street in Junction City, phone 785-238-4161, or any of the Geary County Free Fair Board Members.

This institution is committed to providing equal opportunity for participation in all programs, services, and activities. Program information may be available in languages other than English. Language access requests and reasonable accommodations for persons with disabilities, including alternative means of communication (e.g., Braille, large print, and American Sign Language), may be requested by contacting the event contact Ginger Kopfer four weeks prior to the start of fair events (June 15, 2026) at gkopfer@ksu.edu or 785-238-4161. Requests received after this date will be honored when it is feasible to do so. Language access services, such as interpretation or translation of vital information, will be provided free of charge to limited English proficient individuals upon request.

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Any changes from previous year are in this type *"italic"*.

FRIDAY, JUNE 26

Deadline Pre-entries in:
 All Projects Due online through FairEntry
 Dog & Cat - health papers
NO LATE ENTRIES ACCEPTED

MONDAY, JULY 13

8:00- 4-H Sewing & Textile Design Judging
 11:30 a.m. (Conference Method at Extension Office)
 (Schedule will be sent after pre-entry date)
 Noon 4-H Modeling Demonstration for
 Fashion Revue
 1:00 p.m. 4-H Fashion Revue & Shopping in Style
 Judging
 (Conference Method at 4-H Building)
 (Schedule will be sent after pre-entry date)

THURSDAY, JULY 16

8:30 a.m. 4-H Public Revue Setup
 5:30 p.m. 4-H Public Revue Practice
 7:00 p.m. 4-H Public Revue
 4-H Royalty Announcement

FRIDAY, JULY 17

6:30 p.m. 4-H Dog Show

SATURDAY, JULY 18

9:00 a.m. Fair Clean-up
 4-H Barn and Building Set-up

SUNDAY, JULY 19

6:00 p.m. 4-H Horse Show

MONDAY, JULY 20

8:00 a.m. - 4-H Livestock can be brought to fair
 5:30 p.m. (swine can be brought Monday or Tuesday)
 1:00 p.m. 4-H Food & Food Preservation
 Judging
 (Conference Method)
 (Sign up for judging times online)
 1:00 p.m. Judging of 4-H Photography
 (Conference Method)
 (Sign up for judging times online)
 4:00 - 4-H Market Beef, Goats, and Sheep
 6:00 p.m. Weigh-in
4:00 - 4-H entries accepted
7:00 p.m. (do not bring early)

5:30 p.m. ALL cattle/goats/sheep must be in place
 6:00 p.m. Exhibitor Meeting – Required for Dairy,
 Goat, and Sheep Show Participants
 7:00 p.m. 4-H Shepherd’s Lead; 4-H Dairy, Goat, and
 Sheep Show
7:00 p.m. All indoor 4-H exhibits in place
 except Agronomy/Floriculture/
 Horticulture
NO LATE ENTRIES ACCEPTED

TUESDAY, JULY 21

ALL DAY 4-H Food Sale
 7:30-9:30 a.m. 4-H Swine Weigh-in
 8:30 a.m. Judging of 4-H Visual Arts
 9:30 a.m. All swine must be in place
 9:30 a.m. Judging of 4-H Veterinary Science, Wildlife
 10:00 a.m. Judging of 4-H Aerospace/Rocketry, Ag
 Mechanics Welding, Astronomy, Building
 Block Engineering, Club Notebooks,
 Computer Science, Pets, Reading
 Adventures, Robotics, Shooting Sports,
 Uncrewed Aircraft Systems
 11:00 a.m. 4-H Agronomy, Floriculture, Horticulture,
 Poultry, and Rabbit EXHIBITS IN PLACE
 11:00 a.m. Judging of 4-H Floriculture, Miscellaneous
 Projects
 11:30 a.m. Judging of 4-H Electric & Renewable
 Energy, Small Engines
 Noon Judging of 4-H Horticulture
 12:15 p.m. 4-H Bucket Calf practice in arena
 12:30 p.m. Judging of 4-H Agronomy, Entomology,
 Forestry, Fiber Arts, Geology
 1:00 p.m. Judging of 4-H Woodworking
 1:30 p.m. Judging of 4-H Banners & Promotional
 Exhibits, Interior Design & Architecture
 5:00 p.m. Exhibitor Meeting – Required for Beef
 Show Participants
 5:00 p.m. 4-H Bucket Calf - Consultation Judging
 7:00 p.m. 4-H Beef Show
 Show order- Bucket Calf, Breeding Beef,
 Showmanship, Market Beef

WEDNESDAY, JULY 22

- 8:00 a.m. 4-H Poultry Judging
- 8:30 a.m. 4-H Rabbit Judging
- 9:30 a.m. 4-H Cat Show
- 1:00 p.m. Photography and Horticulture Judging Contests
 - 4-H members can begin judging any time after the start of the contest, but all forms must be turned in by 3:00 p.m.
- 5:00 p.m. **Deadline for registering 4-H project items for Auction**
 NO LATE REGISTRATIONS ACCEPTED
- 6:00 p.m. Exhibitor Meeting – Required for Swine Show Participants
- 7:00 p.m. 4-H Swine Show
- 9:30 p.m. **Deadline for registering 4-H livestock for Auction**
 (or ½ hour after end of swine show) NO LATE REGISTRATIONS ACCEPTED

The success of the Geary County Free Fair depends on the cooperation and help we all give each other. No matter how hard each of us try there will always be areas of our program that need to be changed and updated. In areas of judging that involve personal judgment, there will always be differences of opinion. For these reasons, we have established the following grievance procedure:

1. All comments, grievances, criticisms and suggestions should be put in writing and given to the appropriate superintendent.
2. You should indicate your grievance/ suggestion and a possible alternate solution.
3. The superintendent will make a decision after discussing the situation with the adult assistants in their division. During fair, superintendent's decisions are final.
4. Extension Agents need to be informed only of the final decision, although, they are always available for assistance with the decision.

THURSDAY, JULY 23

- 10:00 a.m. 4-H Round Robin
(Beef, Dairy, Goat, Horse, Sheep, Swine)
- 11:30-11:50 a.m. 4-H Livestock Judging Sign-up (Fair Office)
- Noon 4-H Livestock Judging Contest
- 3:00 p.m. Livestock Auction Set-Up and Barn Clean-Up
- 4:30-6:30 p.m. 4-H Barbecue and Watermelon Feed
- 6:30 p.m. 4-H Project & Livestock Auction
- 8:00 p.m. RELEASE OF 4-H EXHIBITS
 - All premiums will be forfeited if 4-H exhibits are removed before 8:00 p.m.**
- 8:30 p.m. Clean up of Building
 Every 4-H member with indoor exhibits is expected to stay until everything is cleaned

A. Read and be familiar with all General Rules concerning the 4-H Division of the Geary County Free Fair.

B. Read and be familiar with all special rules concerning your division.

C. When questions come up which aren't covered in the fair book, use same procedure as grievance.

D. As the fair progresses, write down any suggestions that you have to help your department for next year's fair and bring them to the fair office or leave them at the Extension Office following the fair.

E. Set-up Day

1. Be present to get your department set-up and ready. Arrange the judging area as you need it for your division. This includes tables, chairs, etc.

F. Entry Day

1. Be present to accept exhibits and ensure they meet specified rules and requirements.
2. Make sure all exhibits have a completed entry tag securely attached.
3. Arrange exhibits in the division area.

FRIDAY, JULY 24

- 9:00 a.m. *Livestock Clean up*
Every 4-H member with livestock exhibits is expected to help with cleanup

G. Judging Day

1. Assist the judge during judging of exhibits – answer the judge's questions, but do not provide opinions about the exhibits.
2. Do not let people bother or talk to the judge while he or she is judging. Check with the judge to see if they mind parents and/or project leaders listening in on conference judging.
3. It is your responsibility to make sure the judge follows our fair rules and classes. If they change the classes or rules, all entries will have to be re-judged, according to our rules with no additional compensation paid to the judge.
4. Attach ribbons to entry tags or exhibits.
5. Entry cards are marked with ribbon placing by placing an X in the appropriate ribbon box at the bottom.
6. Assist division secretary and assistants in collecting necessary class and division information for department packets. Careful handling of this information is essential for figuring premiums and releasing results to the media. When all of your division's results are gathered, see that your department box is returned to the fair office.

H. Throughout Fair

1. Supervise the cleanliness of your respective department, in doing so ensuring the exhibitors maintain areas in a neat, orderly, and presentable fashion. If unable to be present for walk through of areas, work out a schedule with assistants to ensure your department is routinely checked throughout the fair.

I. Release of Exhibits & Clean-up

1. Be present to release exhibits at check-out time and be present to assist with clean-up.

J. Livestock Department Specific Duties

1. Ensure animals are lined up and ready to enter the show ring.
2. Enlist ring stewards, announcers, clerks, etc. as needed to ensure livestock show runs smoothly.
3. Ensure the arena/show ring is cleaned up after each show.

A. Read and be familiar with all General Rules concerning the 4-H Division of the Geary County Free Fair.

B. Read and be familiar with all special rules concerning your division.

C. You are responsible for the entry cards for your division.

D. You will be given a copy of the entry card with the placing marked. Follow these steps:

1. Make sure the entry card has the placing clearly marked.
2. Indicate Class and Division Champions and Reserve Champions on the entry card and Division Champions and Reserve Champions on the purple champion sheets.
3. Divide all entry cards by class. Paper clip each class together and place a rubber band around all classes within a division.
4. Place cards in zipper pocket in box.
5. Take box to the fair office. Please wait for office staff to make sure they don't have any initial questions before leaving.

A. All possible care will be taken, but fair staff cannot be responsible for accidents, loss or damage. Any exhibit brought is "at your own risk".

B. Under Kansas Law, there is no liability for an injury to or the death of a participant in domestic animal activities resulting from the inherent risks of domestic animal activities, pursuant to K.S.A. 60-4001 through 60-4004. You are assuming the risk of participating in this domestic animal activity.

C. The Geary County Free Fair Board strives to maintain facilities that are safe for livestock, exhibitors, and fair visitors. All reasonable effort is expended to ensure that stalls, pens, plumbing and wiring are safe.

D. Any electrical devices, including but not limited to extension cords, fans, blowers and clippers, brought onto the fairgrounds by exhibitors are expected to be defect free and in safe working order. The Fair Board reserves the right to remove any equipment that is deemed to be a potential hazard to livestock or participants.

E. Geary County, the Geary County Free Fair Board, and the Geary County Extension Council and staff are not liable for injury, death or damages caused by faulty electrical equipment.

A. Only youth enrolled in 4-H Community Clubs, Project Clubs or Cloverbud 4-H Clubs in Geary County as shown on county records are eligible to exhibit in the 4-H Division of the fair. 4-H members may exhibit only in projects in which they are enrolled.

B. All exhibits must be the handiwork of the exhibitors where mechanical skill is required; the grower, where agricultural exhibits are shown; and the owner and feeder, where livestock is entered. It must be the result of the current 4-H year's work. Violators will have exhibits disqualified and will not receive premiums.

C. All indoor exhibits are to be in place by 7:00 p.m. Monday, except Agronomy, Floriculture, and Horticulture. These exhibits can be entered Monday from 4:00 p.m. to 7:00 p.m. or Tuesday by 11:00 a.m.

D. Members are responsible for seeing that an entry is properly tagged. **DO NOT LEAVE YOUR EXHIBIT BEFORE IT IS TAGGED.**

E. Judging of various divisions will be done from Monday, July 13th through Thursday, July 23rd. Check the department information for definite time and date of judging.

F. If you have a conflict with any of the conference judging times, contact the Extension Office for assistance and options.

G. Each member is limited to two entries per class unless otherwise specified in the department regulations. Each exhibit can only be entered in one department.

H. Champion and Reserve Champion ribbons will be given in all divisions unless specified otherwise at the judge's discretion. These award placings are ribbons only and do not receive additional premium money.

I. When one exhibit goes from purple ribbon to Class Champion, Reserve Class Champion, Division Champion or Division Reserve Champion, only the highest ribbon earned will be kept with the exhibit. The lower ribbons must be returned to the superintendent's box or the 4-H Fair Office. Premiums are paid only on the highest ribbon received by each individual exhibit.

J. Ribbons will be placed on exhibits.

K. Generally, exhibits receiving purple ribbons are eligible for State Fair competition, provided there is a class at the fair and the 4-H member meets age requirements as outlined in the State Fair Guidelines. Classes which are eligible for entry to State Fair are indicated with *.

L. In cases of conflicts or questions, see Grievance Procedure.

M. Exhibitors should learn the guidelines and exercise caution when using copyrighted materials whenever possible by originating their own work. Exhibitors should use with caution a copyrighted and/or trademarked product or service. Copyright and trademark are legal methods used by writers, artists, corporations, and others to protect their original work. Protected items may range from books to music, logos to computer graphics. Copyrighted and/or trademarked materials used in banners, displays, posters, or other exhibits will be disqualified if the exhibitor does not request permission to use the copyrighted and/or trademarked materials and will not be displayed or receive ribbons or premium.

N. A representative of the Geary County Free Fair Board and the Fair Superintendent of the area involved reserve the right to remove from the grounds any exhibit or animal that may be falsely entered or may have any sign, banner, or advertising matter of any kind which may be deemed unsuitable or objectionable to them without assigning a reason therefore. These exhibits will not be allowed to show or sell.

O. Projects with "fractal burning" are NOT ALLOWED in any 4-H exhibit. (Example – electrical burning to make black linework on artwork.)

A. Members are responsible for seeing that animals are maintained throughout the fair. If neglect is observed, ribbons and premiums will be withheld.

B. An animal may be shown in a market or breeding class, not both.

C. Market animals not meeting minimum weight requirements will not be allowed to show for champion.

D. Livestock stall cards must be hung and visible by 2:00 p.m. on Tuesday.

E. No intact males of large livestock species will be allowed at the fair (includes beef, sheep, swine, dairy and goats).

F. Each exhibitor must show his/her own animal unless excused by the division superintendent. If a member has more than one animal in a class, another 4-H member may show it.

G. Absolutely no straw can be used as bedding. In the sheep/swine barn, one bag of wood shavings per pen will be provided. Additional bedding needed will be provided by the exhibitor.

H. ONLY GEARY COUNTY 4-H PARENTS AND FELLOW GEARY COUNTY 4-HERS MAY ASSIST IN THE SHOWING & FITTING OF ANIMALS. This will be enforced. Members will be disqualified from showing for violation of this rule. Parents are encouraged to let 4-H members do the work and only to offer supervisory instruction when possible. NO PROFESSIONAL FITTERS ARE ALLOWED.

I. Full body shearing and clipping of animals must be done prior to fair. Only fitting and touch-ups will be allowed during fair.

J. Each 4-H member is responsible for cleaning stalls used by his/her animal(s) during the fair and after *completion of the fair*. 4-H members are responsible for checking with the adult superintendent of the division for clearance on completion of clean up. Any money earned at the fair will be forfeited for failing to clean up after your animal(s).

GENERAL

A. 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 meat consumers receive wholesome food.

B. The giving of an oral or injected diuretic, growth promotant or other medication not approved for any domestic animal constitutes an unethical practice. The Geary County Free Fair reserves the right to have a blood, urine and/or tissue laboratory analysis made on ANY animal entered in competition. An exhibitor of an animal producing an analysis with a quantity of diuretic or any unapproved medication will forfeit all prizes and premiums.

C. All animals are subject to examination by staff or their representatives, and shall be free of clinical signs of infectious or contagious disease. Animals determined by exhibition staff to have not met listed requirements will not be permitted to exhibit.

D. Animals originating from other states must meet Kansas import requirements and must have a valid Certificate of Veterinary Inspection (CVI).

CATTLE

- A. All cattle must meet the general requirements.
- B. Cattle determined by exhibition staff to have lesions of ringworm, warts or infested with mange will not be permitted to exhibit.
- C. Cattle originating from other states
 - 1. All cattle must have official ID. ID must be individually listed on accompanying CVI.

GOATS

- A. Goats must meet the general requirements.
- B. In addition to the general requirements, all goats must be:
 - 1. Identified with a registered tattoo or an official USDA premise ID tag (Scrapie tag). Goats identified with registration tattoos must have legible tattoos and must have registration papers for these animals available for inspection.
 - 2. Free of any signs of sore mouth.
 - 3. Free of clinical signs of active fungal (ringworm) infection.
- C. Goats originating from other states
 - 1. All goats must have official ID. ID must be individually listed on accompanying CVI.

HORSES

- A. Horses must meet the general requirements.
- B. All horses must present proof of negative Equine Infectious Anemia (EIA) (Coggins) test within the last 12 months at show check-in.

POULTRY

- A. Poultry must meet the general requirements.
- B. All poultry (except waterfowl) are required to show proof of being Pullorum-Typhoid (P-T) clean by one of the following:
 - 1. Originate from a certified U.S. P-T clean flock.
 - 2. Test negative at check-in of the county fair when the county has been designated by the Kansas Department of Agriculture (KDA) for surveillance.
- C. Poultry originating from other states must have a "Permit to Ship Poultry or Hatching Eggs" issued by KDA within the previous year or a permit number issued by KDA office within the previous 15 days.

RABBITS

- A. Rabbits must meet the general requirements.
- B. Rabbits originating from other states
 - 1. Must meet Kansas import requirements and must have a valid CVI.

SHEEP

- A. Sheep must meet the general requirements.
- B. In addition to the general requirements, all sheep must be:
 - 1. Identified with an official USDA premise ID tag (Scrapie tag).
 - 2. Free of any signs of sore mouth.
 - 3. Free of clinical signs of active fungal (ringworm) infection, including club lamb fungus.
- C. Sheep originating from other states
 - 1. All sheep must have official ID. ID must be individually listed on accompanying CVI.

SWINE

- A. Swine must meet the general requirements.
- B. Swine originating from other states must also meet one of the following requirements:
 - 1. Must have official ID. ID must be individually listed on accompanying CVI.
 - 2. Must obtain an import permit number prior to movement into Kansas.

- A. 4-H members will be given the opportunity to sell in the auction ONE of the following that was exhibited at the current year's fair:
 - 1. Market Beef (at least 1100 pounds)
 - 2. Market Goat (at least 50 pounds)
 - 3. Market Lamb (at least 100 pounds)
 - 4. Market Swine (at least 220 pounds)
 - 5. Poultry (*Pen of 3 Meat-type Chickens Only*)
 - 6. Rabbit (Meat Pen Only)
 - 7. A Project

B. 4-H members must be present to sell their animal or project.

C. In order to sell in the fair auction, a 4-H member must attend in-person at least four regular monthly meetings of the 4-H club in which they are enrolled between October 1 and June 30 of the current 4-H year. The official record of meetings attended will be the club secretary's book.

D. Auction costs such as buyer ribbons and an ad thanking the auction buyers will be paid by the Geary County 4-H Foundation.

E. Livestock Auction

- 1. **Deadline for registering 4-H livestock for Auction is 9:30 p.m. on WEDNESDAY.**
- 2. Once you have turned in the form, no changes may be made.
- 3. The livestock auction is limited to market animals only.
- 4. Livestock will be sold on a premium only basis; livestock ownership will not be transferred to the buyer.
- 5. 4-H members are responsible for disposition of all market animals. The Geary County Free Fair is not responsible for disposition of any market animals.
- 6. Premium for the sale will be sold by the dollar.

F. Project Auction

- 1. **Deadline for registering 4-H projects for Auction is 5:00 p.m. on WEDNESDAY.**
- 2. Only those items which received purple, blue or red ribbons may be sold. White ribbon items will not be sold.
- 3. No live animals may be sold in the project auction.
- 4. Perishable items such as food and garden produce must be replaced with fresh items for the sale.
- 5. Project items to be sold in the auction will be pulled out by 4:00 p.m. Thursday and put on display.
- 6. Project items will be given to the buyer at the auction.
- 7. Projects eligible to be exhibited at state fair and sold through the auction may be reproduced for the Kansas State Fair.

This award is judged by a committee, and is awarded to one Community Club per year. The award is based on:

1. Cooperative effort – courtesy and willingness to follow regulations; general courtesy to the public; neat appearance; showing of club spirit and pride
2. Animal care and display – animals tied for best effect; animals kept properly fitted; animals adequately bedded; animals fed and watered regularly
3. Stalls and aisles – aisles kept free and clean for spectators use; exhibit cards neatly displayed; equipment kept in show boxes; feed stored away; stalls kept clean, neat, and dry
4. Youth doing majority of work with limited parental assistance
5. Percentage of participation at fair set-up/clean-up

A. All awards will be in the form of ribbons of various colors and features. Each exhibit will only receive one ribbon (the highest-level ribbon earned).

B. In each class the following ribbons will be awarded as designated by the judge(s). The judge(s) will base these ribbons not on comparison to other exhibits but rather against the following standards:

1. White ribbons – need for considerable improvement and below the ability level of most participants
2. Red ribbons – good quality, standard level of ability
3. Blue ribbons – performance is excellent, but well within the ability level of most participants
4. Purple ribbons – outstanding quality

C. In divisions where class champion ribbons are given, judges will review all purple ribbon exhibits in each class to determine a Class Champion and Class Reserve Champion.

D. A Division Champion and Division Reserve Champion may be designated by the judge(s) in each division. Methods of awarding these ribbons are outlined in the division guidelines.

E. The decision of the judge is final.

Ribbon premiums paid to 4-H exhibitors shall be as follows:

- A. Banners/Livestock
 1. Purple or Blue \$3.00
 2. Red \$2.00
 3. White \$1.00
- B. Dog/Horse/Poultry/Rabbits
 1. Purple or Blue \$1.50
 2. Red \$.75
 3. White \$.50
- C. Showmanship/Shepherd's Lead
 1. Purple or Blue \$1.00
 2. Red \$.75
 3. White \$.50
- D. All Other Exhibits
 1. Purple or Blue \$.75
 2. Red \$.50
 3. White \$.25

E. No premium is paid for Cloverbud exhibits, Judging Contests, or Round Robin.

- A. Must educate the public about the project, what you learned, or what you did.
- B. Try not to convey too broad of a message, it may make your display or poster cluttered or confusing.
- C. Viewer should be able to understand the message and/or basics of the display or poster in a glance.
- D. Creativity and imagination are encouraged.
- E. Neatness and durability are important.
- F. Name and county must be clearly marked on all displays and posters.

POSTERS

- A. Dimensions may not exceed 22" x 30" unless otherwise specified in division rules.
- B. Posters will be judged on the following points:
 1. **Stopping Power** 30 points
 2. **Interest, Holding Power** 30 points
 3. **4-H Project Application** 25 points
 4. **Mechanical Power** 15 points

DISPLAYS

- A. Must be free standing.
- B. Dimensions may not exceed 3 ft. wide x 4 ft. tall standard tri-fold display board unless otherwise specified in division rules.
- C. Displays will be judged on the following points:
 - 1. **Stopping Power** 15 points
 - a. Is the main idea specific?
 - b. Is the idea presented clearly, simply, forcefully?
 - 2. **Interest, Holding Power** 15 points
 - a. Does the exhibit give the observer additional facts in a clear, concise, informative way?
 - 3. **4-H Project Application** 15 points
 - a. Is the subject matter an effective showcase of the project?
 - 4. **Mechanical Power** 5 points
 - a. Correct letter size
 - b. Pleasing color combination
 - c. Appropriate symbols and models
 - 5. **Personal Growth** 25 points
 - a. How much knowledge was gained by exhibitor?
 - b. Was enthusiasm shown?
 - 6. **Educational Value** 25 points
 - a. Knowledge shared
 - b. All citations, websites or other resources used in creating exhibit are credited.

- A. Entry cards will be printed at the Extension Office for all exhibits except livestock.
- B. For Sewing, Fashion Revue, and Shopping in Style, entry cards will be available at judging.
- C. For Dog, entry cards will be available at the show.
- D. For all other indoor exhibits, poultry, and rabbits, entry cards will be available in a family packet to be picked up at the Extension Office or fair office.

Judging Time: Tuesday - 10:00 a.m.
(Conference Method)

Division Rules:

- A. Aerospace/Rocketry Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- B. All exhibits must have been completed during the current 4-H year.
- C. Each member may enter two exhibits per class.
- D. If a rocketry exhibit qualifies for the Kansas State Fair, exhibitors should read the state fair rules as they may be different from those at the county fair.

Aerospace/Rocketry Rules:

- A. All exhibits must comply with the NAR Model Rocket Safety Code, which can be found at <http://www.nar.org> or obtained from the Extension Office.
- B. Exhibitors are to complete and sign the "4-H Rocket Exhibit Information Form" for the current year and attach it to a 10" x 13" manila envelope. This envelope should not be attached to the rocket stand or rocket. The envelope should contain instructions on how to construct the rocket, up to 5 pages of pictures from both construction and launch, documentation of any flight damage that occurred, any modifications made to the rocket (except for paint scheme and decals), and an additional page for altitude calculations if the space on the form is not enough. For original design rockets, include documentation of how the rocket was tested for stability and up to 5 additional pages of photos.
- C. Rockets are to be displayed upright on a display stand with a sturdy rod that does not extend past the top of the rocket, or stand unassisted, unless the rocket is taller than 4 feet in which case no display stand is required and the rocket may be displayed on its side. Rockets are not to be displayed on launch pads.
- D. Rockets are not to be displayed with used or unused rocket engines either in the rocket or as part of the stand. If rocket engines are included in the exhibit the judge may disqualify the exhibit.
- E. Rockets should be flown, unless there is an active burn ban in the county or conditions are too dangerous to safely launch the rocket. Just flying the last stage (the part with the nose cone) of a multi-stage rocket is acceptable.

F. All rockets except those in class 5541 are not to be beginner kits or use prefabricated (molded plastic) fin assemblies or pre-finished rockets requiring no painting. Use of these in classes besides 5541 will result in disqualification.

G. Angles of fins must fall within a plus or minus 2-degree variation using an approved fin alignment guide. An official fin alignment guide is available at <https://www.engtech4ks.com/rocketry/>.

H. The recovery system (typically a parachute or streamer) should be attached according to the instructions.

I. Exhibits must be uniformly painted and smoothly finished without “runs”, “orange peel”, or “alligator skin”, or finished as per rocket instructions. Decals, if used, should be applied smoothly.

J. Fins and body tubes, except beginner kit rockets, are to be filled and sealed with sanding sealer and/or primer or other suitable filler to eliminate the appearance of body grooves and wood grain. Fins and launch lugs are to be filleted to reduce drag and properly secured to the model. Engine mounts are to be securely attached to the body tube. Any seams on plastic parts are to be sanded smooth. The nose cone is to fit snugly but still allow for easy removal.

K. 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 (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) and are entered in a scale model class. They may be judged on the paint scheme and the judge may deduct up to one ribbon placing for not following the paint scheme. Scale model rockets are to be finished and completed with greater than 70% of decals. Use of decals for all other rockets is optional. All other rockets may deviate from the suggested paint scheme, allowing the 4-H member to display maximum creativity in the finishing of their rocket. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the non-scale model from one ribbon placing to another.

L. Original design rockets cannot be a modification of a pre-existing kit and must be of original design and designed by the exhibitor(s).

M. Original design rockets must include detailed instructions, so that someone could construct the rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey full and complete construction techniques, including fin templates.

N. For a rocket entered in the original design classes, describe in the summary how the model was tested for stability prior to flying. Swing testing of the rocket is required (or the judge will deduct 2 ribbon placings). Exhibitors must include documentation of the swing test. Other tests and calculations are strongly encouraged.

O. For classes 5535 and 5536, mid and high-power rockets, exhibitors must be at least 14 years 4-H age. Rockets that use more than one ‘D’ engine or equivalent are considered mid or high-power rockets in 4-H. A high-power information form is to be completed and placed inside the information packet. Exhibitors in mid and high-power divisions must hold memberships in NAR or Tripoli organizations. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in these classes. All rockets in these classes are to be launched by the exhibitor under adult supervision.

Aerospace/Rocketry Classes:

7 to 8-year old

5541 – Rocket made from beginner’s kit (may have pre-assembled fin units)

5542 - Rocket made from a kit

5543 - Scale Model Rocket made from a kit

9 to 13-year old

*5520 - Rocket made from a kit

*5537 - Scale Model Rocket made from a kit

11 to 13-year old

*5521 - Rocket designed by exhibitor, not merely modification of an existing kit - include original plans

*5538 - Scale Model Rocket designed by exhibitor, not merely modification of an existing kit - include original plans and stability testing

11 & older

*5530 - Rocket designed by 2 or more exhibitors, not merely modification of an existing kit rocket - include original plans (11 years and older)

14 & older

*5525 - Rocket made from a kit

*5526 - Rocket designed by exhibitor, not merely modification of an existing kit - include original plans

*5539 - Scale Model Rocket made from a kit

*5540 - Scale Model Rocket designed by exhibitor, not merely modification of an existing kit - include original plans and stability testing

*5536 - Mid-power rocket made from kit or original design

*5535 - High-power rocket made from kit or original design

Educational Exhibit Rules:

- A. Educational displays and posters should be creative and showcase something specific you have learned in the project during the current 4-H year. Exhibits must show a clear link to the Engineering and Technology area of aerospace/rocketry. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Exhibits must contain substantial supporting educational materials. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. Exhibitor's name, county, 4-H age, and years in project must be tagged or labeled on the exhibit.
- C. Project notebooks must be organized in a 3-ring binder.
- D. Displays, Notebooks, and Posters do not need an Exhibit Information Form included.
- E. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
- F. Educational displays are not to exceed 4' high x 3' wide x 2' deep.
- G. Posters are limited to commercial 3' x 4' tri-fold display boards.
- H. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
- I. Engines and igniters for rockets ARE NOT permitted with the exhibit and constitute an immediate disqualification. This includes both spent and live engines.

Educational Exhibit Classes:

7 to 8-year old

- 5749 - Aerospace/Rocketry Display
- 5750 - Aerospace/Rocketry Notebook
- 5751 - Aerospace/Rocketry Poster

9 to 13-year old

- *5741 - Aerospace/Rocketry Display
- *5742 - Aerospace/Rocketry Notebook
- *5743 - Aerospace/Rocketry Poster

14 & older

- *5746 - Aerospace/Rocketry Display
- *5747 - Aerospace/Rocketry Notebook
- *5748 - Aerospace/Rocketry Poster

Judging Time: Tuesday - 10:00 a.m.
(Conference Method)

Division Rules:

- A. Ag Mechanics Welding Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- B. All exhibits must have been completed during the current 4-H year.
- C. Each member may enter two exhibits per class.
- D. Exhibitor's name, county, 4-H age, and years in project must be tagged or labeled on the exhibit. This must be on the back of displays and posters.

Ag Mechanics Welding Rules:

- A. Large exhibits such as trailers will be displayed outside.
- B. Wheeled exhibits must utilize a braking mechanism which prevents the exhibit from freely rolling while on display. Exhibitors are responsible for providing sufficient braking or "chocks" for trailer *or wheeled* exhibits to ensure that the exhibit does 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.
- C. For trailer exhibits, the tongue of the trailer should *be equipped with* a locking mechanism (ex. 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 fair office and labeled with the exhibitor's name and phone number.
- D. For exhibits with downward swinging parts, such as tailgates, that could pose a falling/striking/crushing hazard, a tamper resistant locking mechanism such as a zip-tie or a cotter-key should be utilized.
- E. Each exhibit must be free-standing or sufficiently supported by an exhibitor-supplied support system that is moveable and is part of the total dimensions of the exhibit. Exhibit display boards should have a portable and moveable base and components should be firmly affixed to the board. No exhibits may be staked to the ground for display. Exhibits may not be bound, affixed, or attached to buildings or trees.
- F. Top heavy items should be braced or placed in a stand sufficient to prevent the item from toppling over while on display.

G. No sealed vessels are allowed. All vessels must be properly vented (ex. – a water tank with a fill cap, a drilled hole for empty chambers that allows pressure to equalize). Exhibits not properly vented will be disqualified.

H. Tanks are to be triple rinsed, dried, and free of all liquid residue.

I. As exhibitors build their exhibits, appropriate personal protection equipment (PPE) is required.

J. Repair projects having adequate original finish need not be repainted. Painting or spot painting is not allowed on projects after arrival on fairgrounds. If wet paint is detected by judge or superintendent, one ribbon placing will be deducted.

K. Cutting surfaces, such as blades or knives, are to have a protective covering over them to prevent injury. The covering should be easily removed for judging and reinstalled. Foam “pool noodles” and multiple layers of cardboard are acceptable.

L. Display cases for small exhibits are acceptable, and must be easily opened so the item can be removed and examined as part of judging.

M. 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.

N. 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.

O. Electric powered exhibits (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch.

P. If a safety violation is noted by the judge, superintendent, or staff, the exhibit will receive a deduction in ribbon placement or *be disqualified* at the judge’s discretion.

Q. Each exhibit, except for display boards, must include the “Ag Mechanics Welding Exhibit Information Form” for the current year. This form must be attached to the outside of a 10” x 13” manila envelope. Envelope should include bill of materials for the project with associated costs, scrap items used may be listed as having a \$0 cost; 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state; if applicable, schematics or working drawings relating to the creation or repair; if appropriate, operating instructions. Do not tie the envelope to the exhibit. Entry of a packet without an accompanying exhibit is not sufficient.

R. Examples of Smithing elements include twists, spirals, and bulbs.

S. Welding Ag Repair classes are for ag equipment repaired with welding. Welding Ag Fabrication classes are for creation of new ag equipment with welding. Welding General Repair classes are for repair of non-ag equipment with welding. Welding General Fabrication classes are for creation of non-ag equipment with welding. Welding Artistic Fabrication classes are for creation of artistic or interpretive pieces with welding.

Ag Mechanics Welding Classes:

7 to 8-year old

- 5551 - Welding Ag Repair
- 5552 - Welding Ag Fabrication
- 5553 - Welding General Repair
- 5554 - Welding General Fabrication
- 5555 - Welding Artistic Fabrication
- 5556 - *Other Metalwork*
- 5557 - Smithing – a design forged with at least one formed element

9 to 13-year old

- *5560 - Welding Ag Repair
- *5561 - Welding Ag Fabrication
- *5562 - Welding General Repair
- *5563 - Welding General Fabrication
- *5564 - Welding Artistic Fabrication
- *5565 - *Other Metalwork*
- *5567 - Smithing – a design forged with at least two different formed elements

Age 14 and older

- *5570 - Welding Ag Repair
- *5571 - Welding Ag Fabrication
- *5572 - Welding General Repair
- *5573 - Welding General Fabrication
- *5574 - Welding Artistic Fabrication
- *5575 - *Other Metalwork*
- *5577 - Smithing – a design forged with at least three different formed elements

Educational Exhibit Rules:

A. Educational displays and posters should be creative and showcase something specific you have learned in the project during the current 4-H year. Exhibits must show a clear link to the Engineering and Technology area of Ag Mechanics Welding. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Exhibits must contain substantial supporting educational materials. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.

B. Project notebooks must be organized in a 3-ring binder.

C. Displays, Notebooks, and Posters do not need an Exhibit Information Form included.

D. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.

E. Educational displays are not to exceed 4' high x 3' wide x 2' deep. Posters are limited to commercial 3' x 4' tri-fold display boards.

F. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

Educational Exhibit Classes:

7 to 8-year old

- 5470 - Ag Mechanics Welding Display
- 5471 - Ag Mechanics Welding Notebook
- 5472 - Ag Mechanics Welding Poster

9 to 13-year old

- *5475 - Ag Mechanics Welding Display
- *5476 - Ag Mechanics Welding Notebook
- *5477 - Ag Mechanics Welding Poster

14 & older

- *5478 - Ag Mechanics Welding Display
- *5479 - Ag Mechanics Welding Notebook
- *5480 - Ag Mechanics Welding Poster

Judging Time: Tuesday - 12:30 p.m.

Division Rules:

- A. Each exhibitor is allowed two entries per class with a maximum of 8 entries total.
- B. All classes calling for a gallon sample may have a 2½ to 3 inch in diameter cylinder placed in a glass gallon container to reduce the amount of grain to about 3 quarts.
- C. VARIETY OR HYBRID MUST BE NAMED FOR EACH ENTRY.
- D. Products exhibited in this division must have been grown by the 4-Her in the current year, with the exception of soybeans and edible field beans, which should be from the most recent harvest.
- E. Exhibits should be as mature as possible.
- F. Hay samples should be approximately 15" x 12" x 6". 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*.
- G. Exhibits can be brought in Monday from 4:00 p.m. to 7:00 p.m. or Tuesday by 11:00 a.m.
- H. The Agronomy Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Classes:

- *2400 - Corn, white - ten ears
- *2401 - Corn, yellow - ten ears
- *2402 - Corn - one-gallon sample
- *2403 - Hybrid grain sorghum - ten heads
- *2404 - Hybrid forage sorghum - 5-inch bundle, tied exhibit entire plant, no roots
- *2405 - Other forage sorghum - 5-inch bundle, tied exhibit entire plant, no roots
- *2406 - Hybrid grain sorghum - one-gallon sample
- *2407 - Soft red winter wheat - one-gallon sample
- *2408 - Hard red winter wheat - one-gallon sample
- *2409 - Hard white wheat - one-gallon sample
- *2410 - Confectionery sunflowers - three heads
- *2411 - Confectionery sunflower seeds - one-gallon sample
- *2412 - Oil sunflowers - three heads
- *2413 - Oil sunflower seeds - one-gallon sample
- *2414 - Oats - one-gallon sample
- *2415 - Barley - one-gallon sample
- *2416 - Cool season grass seed - one-gallon sample
- *2417 - Warm season grass seed - one-gallon sample
- *2418 - Edible field beans - one-gallon sample
- *2419 - Edible field beans - bundle of 5 plants roots intact
- *2420 - Miscellaneous crops - exhibit to consist of one-gallon sample of seed or 10 heads
- *2422 - Soybeans - one-gallon sample
- *2423 - Soybeans - bundle of 5 plants
- *2424 - Weed control exhibit (contact the Extension Office for specific guidelines)
- *2425 - Wheat variety display (contact the Extension Office for specific guidelines)
- *2450 - Alfalfa hay
- *2451 - Native grass hay
- *2452 - Cool season grass hay (fescue, etc.)

Judging Time: Tuesday - 10:00 a.m.
(Conference Method)

Division Rules:

- A. Astronomy Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- B. All exhibits must have been completed during the current 4-H year.
- C. Each member may enter two exhibits per class.
- D. Exhibitor's name, county, 4-H age, and years in project must be tagged or labeled on the exhibit. This must be on the back of displays and posters.

Astronomy Rules:

- A. Telescopes entered 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.
- B. 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.
- C. Each exhibit must include a "4-H Astronomy Exhibit Information Form" for the current year. The form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit. Inside the envelope include: construction plans of the telescope; at least two photographs showing telescope construction and operation mounted on one side of an 8½" x 11" page, a brief caption should accompany each photograph and up to 10 pages of pictures can be included.
- D. The telescope must be properly assembled and painted with a smooth and uniform finish.
- E. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.

Astronomy Classes:

- *5500 - Telescope made from a kit
- *5501 - Telescope made from original design

Educational Exhibit Rules:

- A. Educational displays and posters should be creative and showcase something specific you have learned in the project during the current 4-H year. Exhibits must show a clear link to the Engineering and Technology area of Astronomy. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Exhibits must contain substantial supporting educational materials. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. Project notebooks must be organized in a 3-ring binder.
- C. Displays, Notebooks, and Posters do not need an Exhibit Information Form included.
- D. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.
- E. Educational displays are not to exceed 4' high x 3' wide x 2' deep. Posters are limited to commercial 3' x 4' tri-fold display boards.
- F. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

Educational Exhibit Classes:

7 to 8-year old

- 5728 - Astronomy Display
- 5729 - Astronomy Notebook
- 5730 - Astronomy Poster

9 to 13-year old

- *5731 - Astronomy Display
- *5732 - Astronomy Notebook
- *5733 - Astronomy Poster

14 & older

- *5736 - Astronomy Display
- *5737 - Astronomy Notebook
- *5738 - Astronomy Poster

Judging Time: Tuesday - 1:30 p.m.

Division Rules:

A. Banners *and promotional exhibits* should illustrate a phase of 4-H work which is being practiced by youth in 4-H or promote 4-H generally.

B. Banners are to be a TWO-DIMENSIONAL display, depicting one idea. Three-dimensional objects cannot be attached to the banner. Dimensions are to be no less than 12 and no more than 16 square feet, with no side less than 3 feet.

C. Banners must be hung on a rod strong enough to support the banner. One wire or chain should be attached to both ends of the rod which will permit the banner to be hung.

D. Banners are to be made of non-flammable materials that can be folded or rolled without damage to the display.

E. A label is to be attached to the front lower left-hand (as you face it) corner of the banner giving the name of the club, and year. Letters should be 2" in height. Waterproof ink is recommended.

F. *Promotional exhibits may include posters, fliers, graphic design, video, or any other type of media which promotes the purpose and mission of 4-H work. See poster guidelines on Page 16.*

G. See letter M. under General Rules (Page 10) for guidelines related to using copyrighted and/or trademarked materials in banners *and promotional exhibits*.

H. Judging will consist of:

- | | |
|------------------------------|-----|
| 1. Educational Value | 45% |
| 2. Appearance | 25% |
| 3. Interest & Originality | 25% |
| 4. Quality of Materials Used | 5% |

I. Judges will be asked to prepare written comments for each *exhibit*.

J. The Banners & *Promotional Exhibits* Division Champion and Reserve Champion may be selected from all exhibits.

Classes:

- 0200 - Community Club Banner
- 0201 - Project Club Banner
- 0202 - Club *Promotional Exhibit*

Market Beef Weigh-In: Monday - 4:00-6:00 p.m.

Judging/Practice Times Tuesday:

-12:15 p.m. bucket calf practice

-5:00 p.m. bucket calf consultation judging

-show beginning at 7:00 p.m. with the bucket calf showmanship and ribbon presentation followed by the breeding beef classes, beef showmanship, and then the market beef in the show order determined after weight breaks are posted

Division Rules:

A. Be sure to read the general rules, livestock rules, livestock health rules, and auction guidelines at the front of this book.

B. All beef cattle must be double tied. Members must provide halter and neck rope for the double tie. You may tie livestock in the show ring ONLY while you are cleaning your stall. They must be double tied and you must clean and rake the area they were in. Out of respect to other 4-H members, please double check the fair schedule and make sure animals are out and the ring is cleaned one hour before the next show.

C. Tie out of beef animals will be allowed from 9:00 p.m. to 7:30 a.m. Exhibitors who tie cattle outside of the barn will be responsible for their cattle and for cleaning the tie out area. A tie out corral will be provided. Exhibits may not tie out off of the fairgrounds.

Bucket Calf Rules:

A. Judged by conference method based on the following:

1. KNOWLEDGE - 60 points - How much does the exhibitor know about his or her animal: breed and gender of their project animal, feeding, health care and general management.
2. QUALITY - 20 points - General overall health and condition of the animal along with the good beef or dairy characteristics represented by the project animal.
3. APPEARANCE - 10 points - The cleanliness, trimming, clipping and grooming of the project animal as well as the appearance of the exhibitor.
4. PRESENTATION - 10 points - The exhibiting, handling and leadability of the project animal.

B. The Class Champion and Reserve Champion in each Bucket Calf Class will be awarded Division Champion and Division Reserve Champion rosettes.

C. Bucket calves must be born between January 1 and May 20 of the current 4-H year.

D. Bucket calf consultation judging will be completed in a random order with the judging schedule available at the 12:15 p.m. practice.

E. If you would like to show your Bucket Calf in a 2nd year bucket calf class at the following year's fair, it must be tagged before it leaves the current fair.

Bucket Calf Classes:

1000 - Members age 7-9 years old as of January 1 of the current year.

1001 - Members age 10-12 years old as of January 1 of the current year.

Breeding Beef Rules:

A. Members may exhibit two breeding beef per class, not to exceed five breeding beef in total.

B. Each breed will show separately except 2nd year bucket calves which will have their own class.

C. No animal may be shown in more than one class.

D. 2nd year bucket calves must have been shown by the same 4-H member and tagged at the previous year's fair.

E. Breeding Beef Division Champion and Reserve Champion may be designated by the judge from Champions and Reserve Champions in each breed and the 2nd Year Bucket Calf Class.

Breeding Beef Classes:

1010 - Senior Heifer Calf born Sept. 1 to Dec. 31 previous year

1011 - Summer Yearling born May 1 to Aug. 31 previous year

1012 - Junior Yearling born Jan. 1 to April 30 previous year

1013 - Aged Cow born prior to Jan. 1 previous year

1014 - Cow and Calf - cow of any age, calf born after Jan. 1 current year

1015 - Calf born after January 1 current year

1016 - 2nd Year Bucket Calf

- Division Champion Breeding Beef Class

Market Beef Rules:

A. ALL MARKET BEEF MUST WEIGH AT LEAST 1100 POUNDS AT FAIR WEIGH-IN TO SELL AT THE FAIR AND TO SHOW FOR CHAMPION.

B. Market beef must have been born after January 1 of previous year. Permanent incisor teeth cannot have erupted and baby teeth must be present. Those animals which have lost any of their baby teeth will only be allowed to show in the showmanship class.

C. All market beef must be tagged by May 1st.

D. Each 4-H member may exhibit two market beef per breed, not to exceed five market beef in total.

E. Weight breaks and classes to be used will be determined following fair weigh-in. Must have three steers of one breed to create a purebred class. Breeds with less than three will show in the All Other Purebreds Class.

F. 2nd year bucket calves must have been shown by the same 4-H member and tagged at the previous year's fair.

G. All market beef not meeting the weight requirement of 1100 pounds and not eligible for the Prospect Class will show in the Lightweight Market Beef class, regardless of breed.

H. Market Beef Division Champion and Reserve Champion may be designated by the judge from Breed Champions and Reserve Champions in Purebred Market Steer Classes (if added), All Other Purebred Market Steer Class, Crossbred Market Steer Class, Market Heifer Class, and 2nd Year Bucket Calf Class.

Market Beef Classes:

1030 - Prospect Market Beef (500 to 900 pounds, any breed)

1031 - Purebred Market Steer Class

1032 - Crossbred Market Steer Class

- Champion Crossbred Market Steer Class (if needed)

1033 - 2nd Year Bucket Calf Class

1034 - Market Heifer Class

- Division Champion Market Beef Class (*top 5 animals will be ranked*)

Beef Showmanship Rules:

A. Open to any breeding beef or market beef exhibitor.

B. 4-H member must show their own animal.

C. Class Champions and Reserve Champions from classes 1050-1052 will compete to determine Beef Showmanship Champion and Reserve Champion who will move on to the Round Robin Contest. Showmanship ribbons will be awarded.

Beef Showmanship Classes:

1050 - Beef Showmanship (14 & older)

1051 - Beef Showmanship (10 to 13-year old)

1052 - Beef Showmanship (7 to 9-year old)

- Champion Beef Showmanship Class (*top 5 in showmanship will be ranked*)

Rate of Gain Contest Rules:

- A. Open to any 4-Her enrolled in the market beef project who is a member of a Geary County Community 4-H Club.
- B. Market beef must be weighed at official county weigh-in (beginning weight) and at the fair weigh-in (ending weight).
- C. Market beef must be exhibited at the fair to be eligible.
- D. Winner will be announced during the beef show. Name, ADG, and year will be engraved on a plaque kept in the trophy case at the 4-H Building.

Time: Tuesday - 10:00 a.m.
(Conference Method)

Division Rules:

- A. Building Block Engineering Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- B. All exhibits must have been completed during the current 4-H year.
- C. Each member may enter two exhibits per class.
- D. Exhibitor's name, county, 4-H age, and years in project must be tagged or labeled on the exhibit and the display case (both the lid and container) for block exhibits. This must be on the back of educational displays and posters.

Building Block Engineering Rules:

- A. *Up to four building block exhibits may be selected to advance to the Kansas State Fair.
- B. Kits, non-diorama displays, and artistic designs such as recreations of paintings or sculptures should be entered in the Building Creations category under the Miscellaneous Division.
- C. Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Minimum exhibit dimensions must be at least 6 inches wide and deep.
- D. 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 or as complex as needed to explain what is happening to someone looking at the exhibit.

E. All exhibits are required to be placed in a sturdy see-through enclosure with a top, bottom, and 4 sides. This is to make sure all exhibit components stay with the exhibit. *Cases are to be removable and able to be opened.* 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 sturdy. 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.

F. The primary building component should be interlocking blocks, commonly referred to by the brand name Lego®. Other components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks, for example marbles for small round objects. All components used in construction should be dust free, clean, and free of chips, scuffs, cracks, or broken blocks.

G. The use of existing "store bought" sets for major elements of the display is not allowed. Use of figurines from sets is allowed as is using individual bricks or small sub-assemblies to create something different than the set it came from.

H. Dioramas should be suitably complex and have multiple elements, such as a camp site that has log cabin, tree fort, and car.

I. *Weapons are not prohibited in dioramas. Scenes depicting battles, like found in museums, are acceptable. However, blood and "gore" is not to be added and will result in a ribbon deduction.*

J. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake.

K. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method.

L. Each exhibitor is required to complete the "4-H Building Block Engineering Exhibit Information Form" for the current year. This form must be attached to the outside of a 10" x 13" manila envelope. Envelope should include 1 to 5 pages of photos showing work on the exhibit (preferably from a beginning state to final or completed state) and, if appropriate, operating instructions for mechanical portions of the diorama. Do not tie the envelope to the exhibit. Entry of packet without an accompanying exhibit is not sufficient.

M. 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, judge should be able to use them and instructions should be provided for operation.

Building Block Engineering Classes:

- 5709 - Junior Diorama (ages 7-8)
- 5710 - Intermediate Diorama (ages 9-13)
- 5711 - Senior Diorama (ages 14 and older)

Educational Exhibit Rules:

- A. Educational displays and posters should be creative and showcase something specific you have learned in the project during the current 4-H year. Exhibits must show a clear link to the Engineering and Technology area of Building Block Engineering. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Exhibits must contain substantial supporting educational materials. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. *Educational displays may use kits. Any interlocking bricks used must adhere to the other general rules set forth.*
- C. Project notebooks must be organized in a 3-ring binder.
- D. Displays, Notebooks, and Posters do not need an Exhibit Information Form included.
- E. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.
- F. Educational displays are not to exceed 4' high x 3' wide x 2' deep. Posters are limited to commercial 3' x 4' tri-fold display boards.
- G. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

Educational Exhibit Classes:

7 to 8-year old

- 5487 – Building Block Engineering Display
- 5488 - Building Block Engineering Notebook
- 5489 - Building Block Engineering Poster

9 to 13-year old

- *5481 - Building Block Engineering Display
- *5482 - Building Block Engineering Notebook
- *5483 - Building Block Engineering Poster

14 & older

- *5484 - Building Block Engineering Display
- *5485 - Building Block Engineering Notebook
- *5486 - Building Block Engineering Poster

Division Rules:

- A. This Division is open to any 4-H member enrolled in Cloverbuds.
- B. All products made in this division will be exhibited for display purposes only. All entries will be given participation ribbons.
- C. All exhibits should have a completed entry card securely attached for identification purposes.
- D. All exhibits will be grouped together by club.
- E. Exhibits may be the product of a project completed during a Cloverbud meeting, or a project completed at home.
- F. Cloverbuds may exhibit up to three entries.
- G. Cloverbuds may not exhibit live animals or participate in fashion revue.

Class:

0100 - Cloverbud Project Item

Judging Time: Tuesday - 10:00 a.m.
(Conference Method optional)

Division Rules:

- A. All books should be complete from October 1 to present.
- B. Meeting with the judge for conference-style judging is optional. Sign-up instructions will be provided to you ahead of the fair if you would like to conference with the judge.
- C. The Club Notebooks Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Classes:

- 0400 - Secretary's Book
- 0401 - Reporter's Notebook
- 0402 - Historian's Notebook
- 0403 - Treasurer's Book
- 0404 - Club Project Notebook

Judging Time: Tuesday - 10:00 a.m.
(Conference Method)

Division Rules:

- A. Computer Science Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- B. All exhibits must have been completed during the current 4-H year.
- C. Each member may enter two exhibits per class.
- D. Exhibitor's name, county, 4-H age, and years in project must be tagged or labeled on the exhibit. This must be on the back of educational displays and posters.

Computer Rules:

- A. 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, except for exhibits entered in Class 5594.
- B. If a safety violation is noted by the judge, superintendent, or staff, the exhibit *may receive a reduced ribbon placement or be disqualified*. A safety violation could include Malware, a virus, or any similar program that is potentially harmful.
- C. All exhibits must be entered on a USB drive containing all supporting documents as listed for each class. The USB drive should be labeled with the 4-H member's name and county. The USB drive should be included in a manila envelope with the Computer Exhibit Form attached to the front.
- D. 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.
- E. 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.

F. Each exhibit must be accompanied by a typed requirement document included on the USB drive. Contact the Extension Office for a template that can be used for documenting requirements. 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. The project requirements section is formatted as a checklist, with the 4-H member checking off what they accomplished and making adjustments throughout their work on the project as needed. Flow charts, designs, or other diagrams may be included for computer programs to show the logical flow of the program as needed.

G. A screenshot of the project must be printed on an 8½" x 11" sheet of paper and placed in a plastic sheet protector to allow for proper display. Screenshots must be included electronically on the USB drive.

H. 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.

I. For judging, bring a computer that will run the project. Internet connectivity will be available if needed.

J. Judging of micro controlled devices is based on the code, not the hardware.

K. Judging will be based on

1. Requirements document
2. Operating Instructions
3. Functionality (how well did the project meet objectives)

Computer Classes:

- *5590 - 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')
- *5591 - Coded website built entirely by the 4-H member (not using a pre-made template generator such as Wix or Squarespace). Items in this class could be coded in HTML, CSS, Javascript, Wordpress, or other web-based programming languages or platforms.
- *5594 - Microcontroller or microcomputer application – a small circuit board that is programmed to accomplish a specific task (projects built and programmed using Raspberry Pi, Arduino, etc.)

Educational Exhibit Rules:

- A. Educational displays and posters should be creative and showcase something specific you have learned in the project during the current 4-H year. Exhibits must show a clear link to the Engineering and Technology area of Computer Science. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Exhibits must contain substantial supporting educational materials. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. Project notebooks must be organized in a 3-ring binder.
- C. Displays, Notebooks, and Posters do not need an Exhibit Information Form included.
- D. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.
- E. If the computer notebook illustrates the creation, talks about, or shows the result of an app, application, executable, program, or other compiled/interpreted "source code", a copy of the source code should be included.
- F. Educational displays are not to exceed 4' high x 3' wide x 2' deep. Posters are limited to commercial 3' x 4' tri-fold display boards.
- G. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

Educational Exhibit Classes:7 to 8-year old

- 5770 - Computer Science Poster
- 5774 - Computer Science Display
- 5775 - Computer Science Notebook

9 to 13-year old

- *5771 - Computer Science Poster
- *5772 - Computer Science Display
- *5773 - Computer Science Notebook

14 & older

- *5776 - Computer Science Poster
- *5777 - Computer Science Display
- *5778 - Computer Science Notebook

Judging Time: Monday - 7:00 p.m.

Division Rules:

- A. Be sure to read the general rules, livestock rules, and livestock health rules at the front of this book.
- B. Lactating cows may be brought in by 5:30 p.m. on Monday and released following the Dairy Show. Those entries are to be checked in with the superintendent on Monday between 5:30 - 6:30 p.m.
- C. Limit two animals per class, not to exceed five in total.
- D. Ages are as follows: Calf, born after September 1, 2025; Yearling, born September 1, 2024 – August 31, 2025; 2-Year-Old, born September 1, 2023 – August 31, 2024; 3-Year-Old and Older, born before August 31, 2023.
- E. Dairy Division Champion and Reserve Champion may be designated by the judge from all entries.

Cattle Classes:

- *1100 - Brown Swiss Calf
- *1101 - Brown Swiss Yearling
- *1102 - Brown Swiss 2-Year-Old
- *1103 - Brown Swiss 3-Year-Old and Older
- *1104 - Holstein Calf
- *1105 - Holstein Yearling
- *1106 - Holstein 2-Year-Old
- *1107 - Holstein 3-Year-Old and Older
- *1108 - Jersey Calf
- *1109 - Jersey Yearling
- *1110 - Jersey 2-Year-Old
- *1111 - Jersey 3-Year-Old and Older
- *1112 - Milking Shorthorn Calf
- *1113 - Milking Shorthorn Yearling
- *1114 - Milking Shorthorn 2-Year-Old
- *1115 - Milking Shorthorn 3-Year-Old and Older
- *1116 - Ayrshire Calf
- *1117 - Ayrshire Yearling
- *1118 - Ayrshire 2-Year-Old
- *1119 - Ayrshire 3-Year-Old and Older
- Champion Dairy Animal Class

Showmanship Rules:

- A. 4-H member must show their own animal.
- B. Class Champion and Reserve Champion from classes 1150-1152 will compete to determine Dairy Showmanship Champion and Reserve Champion who will move on to the Round Robin Contest. Showmanship ribbons will be awarded.

Showmanship Classes:

- *1150 - Dairy Showmanship (14 & older)
- *1151 - Dairy Showmanship (10 to 13-year old)
- *1152 - Dairy Showmanship (7 to 9-year old)
- Champion Dairy Showmanship Class (*top 5 in showmanship will be ranked*)

Judging Time: Friday, July 17th - 6:30 p.m.

Division Rules:

- A. The State 4-H Dog Show Immunization Record card must be submitted to the Extension Office by pre-entry deadline. Required vaccinations include: Bordetella, Distemper, Hepatitis, Parvovirus, Parainfluenza, and Rabies. Dogs must be at least 6 months of age at time of show.
- B. Any abuse of dogs on grounds, or in the building, will result in disqualification.
- C. No dog in season will be allowed on fairgrounds.
- D. Any dog fouling the ring will receive a white ribbon.
- E. Baiting dogs is not allowed in the ring.
- F. No mobile phones or other electronic devices are allowed in the ring.
- G. A well-fitting collar of leather, chain, or fabric is to be used for obedience. No spiked, pinch, special training collars, and hanging objects from collars are allowed.
- H. Members may enter only one dog per class.
- I. Good sportsmanship shall always be observed. The judge's decision is final. Poor sportsmanship may lead to loss of ribbon, class dismissal, or disqualification from show as determined by judge.
- J. Dog Obedience Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions in classes 3608-3615.

Obedience Classes:

- 3608 - Pre-Novice A
 - First year member, first year dog.
 - Heel and figure 8 (on leash)
 - Stand for examination (on leash)
 - Recall (on leash)
 - Long sit - 1 minute (on leash)
 - Long down - 3 minutes (on leash)

3609 - Pre-Novice B

- Experienced handler, first year dog or experienced dog, first year handler.
- Same obedience as Pre-Novice A

*3610 - Novice

- For first year or experienced off leash handler
- Heel and figure 8 (on leash)
- Stand for examination (off leash)
- Heel (off leash)
- Recall (off leash)
- Long sit - 1 minute (off leash)
- Long down - 3 minutes (off leash)

*3615 - Graduate Novice

- For all 4-H members with dogs who have qualified in novice.
- Heel (on leash)
- Stand for examination (off leash)
- Heel free and figure 8
- Drop on recall
- Long sit - 3 minutes (4-H member out of sight)
- Long down - 5 minutes (4-H member out of sight)

Showmanship Rules:

- A. 4-H member must show their own animal.
- B. In showmanship, the dog is evaluated on the handler's grooming of the dog, the handler and dog are evaluated on the proficiency by which they can perform various patterns smoothly and efficiently.
- C. For showmanship, use 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.
- D. Dog Showmanship Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions in classes 3600-3606.

Showmanship Classes:

- *3605 - Dog Showmanship (15 & older)
- *3602 - Dog Showmanship (12 to 14-year old)
- *3600 - Dog Showmanship (9 to 11-year old)
- 3606 - Dog Showmanship (7 to 8-year old)

Judging Time: Tuesday - 11:30 a.m.
(Conference Method)

Division Rules:

- A. Items that have been used should be cleaned for exhibit.
- B. See poster and display guidelines on Page 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- C. The Electric & Renewable Energy Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Electric Rules:

- A. Each exhibit must include a "4-H Electronics & Renewable Energy Information Form". This form must be attached to the outside of a 10" x 13" manila envelope. A wiring diagram or schematic must be included in this envelope.
- B. Electric exhibits must be able to be operated using only 110 or 120V AC or battery power. If battery power is required batteries must be furnished. *Lithium batteries must be accessible or removeable in exhibits for safety purposes.* (The Extension Office will provide a surge-protected electrical strip if needed.)
- C. *All electrical exhibit wiring and connections must be accessible for examination by the judges. Sealed exhibits that cannot be opened for inspection are not acceptable. If a safety violation is noted by the judge, superintendent, or staff, the exhibit may receive a reduced ribbon placement or disqualification at the judge's discretion. The National Electric Code (NEC) will apply for judging.*
- D. No hand dipped solder may be used on exhibits.
- E. Sheet of operating instructions must be furnished for any exhibit not self-explanatory (include in the manila envelope).
- F. Any project with complexity of size or electronics must have instructions for assembly and use and *if it requires special test equipment beyond a screwdriver or multimeter, it must be available at the time of judging for actual testing of the exhibit.*

Electric Classes:

- *4600 - AC Electric Projects. Electric projects with a 110 or 120V 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 or 120 V (no 240 V exhibits are allowed).
- *4601 - 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 projects. Examples include: wiring two-way or three-way switches, difference between series/parallel lighting circuits or wiring doorbell switches. All DC electric projects must include batteries supplied by 4-H member.
- *4602 - Electronics 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. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project.
- *4603 - 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 electric 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.
- *4604 - 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 have all of the components for use (such as monitor, keyboard, and mouse).

Alternative Energy Rules:

- A. Alternative Energy is a form of energy derived from a natural source, such as the sun, geothermal, wind, tides, or waves.
- B. All exhibits are limited in size to standard tri-fold display boards. All displays must be self-standing. Items may not extend beyond 12" from the board.

Alternative Energy Classes:

- *4620 - Educational Display - Create an exhibit that addresses a focused topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.
- *4621 - Experiment - Display an experiment addressing a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions and recommendations for future study.

Judging Time: Tuesday - 12:30 p.m.

Division Rules:

- A. Resources for exhibiting can be found on the Kansas 4-H Entomology project website.
- B. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
- C. The Entomology Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- D. After the first year of exhibiting, all 4-H members need to add an 8½" by 11" sheet of paper to their collection or notebook that states what they did to improve their collection or notebook for the current year. This should include how many new insects were added to the display box or new insect photo pages were added to the notebook (please list), how many insects were replaced in the display box or insect photo pages were replaced in the notebook (please list), and number of new orders and/or families added to the display box or notebook. Other optional items to include are number of insects caught or photographed 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 or placed behind the title page in your notebook.

- E. Insects listed as threatened or endangered by the Fish and Wildlife Service may not be caught or displayed in insect collections or educational displays. If any of these specimens are included, the exhibit will be dropped one ribbon placing.

Collection Rules:

- A. All entries should be submitted in an 18 x 24 x 3½ inch wooden display box with a clear plastic top (such as plexiglass). Boxes can be hand-made or purchased as long as they are of the correct size and do not have a glass top. See specific phase for box and specimen number limitations. Exception is class 4950 which should follow guidelines as stated with class information.
- B. Each exhibitor is required to identify each box with two identification labels bearing exhibitor's name, county, class, and statement of taxonomy used: a. "Insects in Kansas" book or b. www.bugguide.net. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside).
- C. 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, unless labeled as male or female and correctly identified.
- D. Arrange specimens in the box so it can be displayed lengthwise. Arrange specimens in groups or rows parallel to the short sides of the box. Specimens are to be arranged in the box according to Order then family where required. The sequence arrangement of the Orders in the box will be left up to the member.
- E. 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 on the date/locality label is optional.
- F. 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 a significant hazard to the rest of the collection if they become loose in transit.
- G. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Refer to the Kansas 4-H Entomology project website for full details on out-of-state insects in collections.
- H. A minimum of 10 new specimens must be added and/or replaced each year. Only specimens of the class Insecta should be included.

Collection Classes:

4950 - Introductory Entomology Collection

Introductory Entomology is designed for beginners. 4-H member may exhibit in this class a maximum of two years. Display in one or two shoe boxes, pencil boxes, plastic storage boxes, cake pan with a clear lid or one standard display box a minimum of 15 and a maximum of 30 species representing at least 6 orders. "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera OR www.bugguide.net – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera. The boxes should be covered with a piece of plastic wrap, plexiglass, or other protective covering taped across the top of the box or covering the box. Follow the general guidelines for collections.

*4900 - Beginning I Entomology Collection

Display in one standard box a minimum of 50 and maximum of 125 species representing at least 7 orders. Members can exhibit in this class a maximum of three years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

*4901 - Beginning II Entomology Collection

Display in one standard box a minimum of 75 and maximum of 150 species representing at least 9 orders. Members can exhibit in this class a maximum of three years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

*4903 - Intermediate Entomology Collection

Display a minimum of 100 and a maximum of 300 species representing at least 10 Orders. Two standard boxes can be used. Family identification is required for all insects in any two of the six basic orders as outlined in Class 4950 - Introductory Entomology Collection (only two will be counted for judging). Members may continue to exhibit in this class for a maximum of 3 years. Exhibitor must move up if they receive a purple ribbon at the Kansas State Fair.

*4905 - Advanced Entomology Collection

Display a minimum of 150 and maximum of 450 specimens representing at least 12 Orders. Three standard boxes can be used. Family identification is required for all insects belonging to the six basic orders as outlined in Class 4950 - Introductory Entomology Collection. Only families in the six basic 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.

Educational Exhibit Rules:

A. 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. Monarch Butterfly Educational Displays should teach the public about the Monarch Butterfly and/or ways to protect and conserve it. *Specimens of the actual Monarch Butterfly insect, caterpillars, or chrysalis MAY NOT BE USED in these displays.*

B. The exhibit may be, but isn't limited to, original works, digital presentation on a USB drive (must provide printed hard copy for exhibit purposes for duration of fair), programs, websites, games, apps, display box, notebook, display, or poster which you have made.

C. If the exhibit is a wooden display box, it must be 18 x 24 x 3½ inches with a clear plastic top (such as plexiglass) and displayed horizontally.

D. See poster and display guidelines on Page 16-17 and copyright/trademark guidelines in letter M. on Page 10.

E. Name and county must be clearly marked on educational exhibits.

F. Exhibitors should choose the class that corresponds to the experience level of the Collection or Notebook class in which they are exhibiting. If only exhibiting an educational exhibit, ages are as follows: Introductory 7-8 year-olds, Beginning 9-12 year-olds, Intermediate 11-14 year-olds, Advanced 13 and older.

Educational Exhibit Classes:

4951 - Introductory Educational Exhibit

*4902 - Beginning Educational Exhibit

*4904 - Intermediate Educational Exhibit

*4906 - Advanced Educational Exhibit

4952 - Introductory Monarch Butterfly Educational Display

*4920 - Beginning Monarch Butterfly Educational Display

*4930 - Intermediate Monarch Butterfly Educational Display

*4940 - Advanced Monarch Butterfly Educational Display

Entomology Notebook Rules:

A. Individual entries are to be placed for display in a three-ring notebook for competition.

B. 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, class, and statement of taxonomy used: a. "Insects in Kansas" book or b. www.bugguide.net. The number of orders, specimens, and families (required in Intermediate and Advanced classes) must also be included on the Title Page.

C. Specimen pages should be grouped according to order and should include one page per species. Only one adult insect per species can be used in notebook classes, unless labeled as male or female and correctly identified. If more than one insect is in the photo, an arrow to indicate identified insect should be used.

D. Date, common name, full county name, and state abbreviation should be included for each species. Collector's name on the specimen page is optional.

E. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.

F. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.

G. 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.

H. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.

I. A minimum of 10 photo pages of new species must be added and/or replaced each year.

J. A special project must be completed each year and included in the notebook. See project guideline materials on the Kansas 4-H Entomology project website.

K. Refer to the publication "[Entomology Collection Notebook Guidelines](#)" on the Kansas 4-H Entomology web page for more detailed rules for exhibiting.

Entomology Notebook Classes:

***4907 - Introductory Entomology Notebook**

Display a minimum of 10 and a maximum of 30 insect species representing at least six different orders. A member may exhibit in this class for a maximum of two years.

***4908 - Beginning I Entomology Notebook**

Display a minimum of 20 and a maximum of 60 insect species representing at least seven different orders. A member may exhibit in this class for a maximum of three years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

***4911 - Beginning II Entomology Notebook**

Display a minimum of 40 and a maximum of 70 insect species representing at least eight different orders. A member may exhibit in this class for a maximum of three years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

***4909 - Intermediate Entomology Notebook**

Display a minimum of 60 and a maximum of 100 species representing at least nine orders. Family identification is required for all insects in any two of the six orders as outlined in Class 4950 - Introductory Entomology Collection (only two will be counted for judging). A member may exhibit in this class for a maximum of three years.

***4910 - Advanced Entomology Notebook**

Display a minimum of 100 and a maximum of 200 species representing at least twelve orders. Family identification is required for all insects belonging to the six basic orders as outlined in Class 4950 - Introductory Entomology Collection. Only families in the six basic orders will be counted for judging. Family identification 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.

Judging Time: Tuesday - 12:30 p.m.
(Conference Method)

Division Rules:

A. A Junior is age 7-11 and a Senior is age 12 and older.

B. A member may exhibit two entries per class.

C. Fiber Arts is defined as any method of creating a unique design with fiber, fabric or yarn. Non-textile (ex. - wood, reed, straw, grass, etc.) baskets/pieces should be entered in the Visual Arts Division.

D. Identification labels are required.

1. Type or print on a clothing label or 3" x 2½" piece of cloth: class number, county, and exhibitor's name.
2. Sew or safety pin (no straight pins) this ID label on the corner of flat articles.
3. For garments, attach ID label to the front left shoulder seam, or left side of waistband, as if you were wearing the garment.

E. 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.

F. Articles that are to be worn may be modeled in the Fashion Revue Classes of the Shopping in Style Division.

G. All articles and garments must be finished for use.

H. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.

I. When articles are normally worn as a pair, both articles must be shown together. Fasten articles together securely with yarn.

J. Exhibitors are expected to be enrolled in the Fiber Arts project in which they are entered. 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 (Sewing & Textile Design or Fiber Arts) and class in which to enter will be left with the 4-H participant.

K. Fiber Arts Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions in both the Junior and Senior age groups.

Classes:

Crochet, an article including felted items

*4111 - Junior

*4121 - Senior

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

*4112 - Junior

*4122 - Senior

Needle Arts, an article created by hand using any of the following techniques:

a) Embroidery and cross-stitch, b) Needlepoint, c) Candle wicking, d) Crewel, e) Lacework, f) Applique

*4113 - Junior

*4123 - Senior

Patchwork or Quilted article – it is an acceptable practice for the exhibitor to create the patchwork or quilted article and have someone else quilt it

*4114 - Junior

*4124 - Senior

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

*4115 - Junior

*4125 - Senior

Spinning, a skein – minimum 10 yards in length

*4116 - Junior

*4126 - Senior

Weaving, a woven article – members should attach information about the type of loom or process used

*4117 - Junior

*4127 - Senior

Ethnic Arts, an article – This is defined as a Fiber Art 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, etc. Members should attach information on the history of the ethnic fiber art, where it was used, by whom, how it was used, short description of technique, etc.

*4118 - Junior

*4128 - Senior

Macrame, an article

*4119 - Junior

*4129 - Senior

Educational Notebook - share with others what you learned in this project about a particular Fiber Art. Exhibits should be in the form of a notebook or binder. The notebook should include a narrative section describing the fiber art. It should include a clear description of the project, technique, budget, supplies, goals, accomplishments, successes, failures, and future plans. It may include samples of techniques, how-to, photographs of completed projects, or other ways of educating others about fiber arts. NOTE: a collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook. Name, county, and fiber art covered must be clearly marked in the notebook.

*4120 - Junior

*4130 - Senior

Judging Time: Tuesday - 11:00 a.m.
(Conference Method)

Division Rules:

- A. Members may exhibit two entries per class with a maximum of 10 entries per exhibitor.
- B. Entries can be brought in Monday from 4:00 p.m. to 7:00 p.m. or Tuesday by 11:00 a.m.
- C. Entries should not take over one square foot of table space.
- D. All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.
- E. Members are encouraged to exhibit cut flowers and fresh floral arrangements in disposable containers. If a non-disposable container is used, mark it plainly with your name.
- F. The Floriculture Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Specimen Class Rules:

- A. Must be grown by the 4-Her and DO NOT need to be in a special vase or arranged with greenery.
- B. Exhibits in Specimen classes should have the leaves left on above the water line in your container.
- C. Must be different kinds of flowers if two exhibits are entered in a class.
- D. Will be judged on the quality of the flower.
- E. The Preparing Cut Flowers for Exhibit bulletin is available at the Extension Office for help.

Specimen Classes:

- *5600 - Garden flower, single stem
(Annual)
- *5601 - Garden flower, single stem
(Perennial)

Floral Arranging Class Rules:

- A. Floral Arranging class entries will be judged on the quality of the flowers used as well as the arrangement, style, and technique.
- B. Classes 5602 and 5603 - All materials should be grown and collected rather than purchased.
- C. Classes 5605 and 5606 - Materials may be purchased.
- D. Classes 5607 and 5608 - Materials may be grown, collected, or purchased.
- E. Silk/Dried arrangements must be a product of this 4-H year's work.

Floral Arranging Classes:

- *5602 - Fresh flower arrangement - made with grown and collected materials
- *5603 - Dried flower arrangement - no fabric or plastic materials, made with grown and collected materials
- 5605 - Cut flower arrangement - made with purchased materials
- 5606 - Silk flower arrangement
- 5607 - Bud vase arrangement
- 5608 - Boutonniere or corsage

Miscellaneous Classes:

- 5609 - Houseplants, foliage or flowering - must be cared for by the 4-Her for a minimum of 6 months
- 5610 - Educational Poster - see poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10
- *5604 - Floriculture Notebook - entry shall consist of a notebook or three ring binder of written narrative describing a floriculture project such as a flower garden or other related 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. 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%.

Judging Time: Monday - 1:00 p.m.
(Conference Method)

Division Rules:

- A. Members may exhibit two entries per class with a limit of six entries.
- B. All exhibits must have been preserved after previous year's fair and not exhibited at the previous State Fair.
- C. Exhibits must be *heat* processed in clean, clear, standard canning jars with *new* matching brand 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).*
- D. No fancy packs unless recipe states to do so (ex. pickled asparagus).
- E. 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). There are 12-ounce, 24-ounce, and 28-ounce canning jars available that may be used. Use pint jar process recommendations for 12-ounce jars. Use quart jar process recommendations for 24-ounce and 28-ounce jars.
- F. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol will be disqualified and not be judged.
- G. There are no safe recommendations to can white peaches or elderberries.
- H. Use a rubber band to attach entry card around the top of the jar.
- I. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include exhibitor's 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.
- J. Each jar exhibited must be labeled. Label must not cover brand name of the jar. Label must give name, county, class number, date processed including month and year, product, canning method (water bath, weighted gauge, or dial gauge pressure method), *elevation* where processed, process time, and amount of pressure (psi).

K. Jars must be sealed when entered.

- L. Recipes and processing methods from the sources below are *required*. Recipes must be current, tested resources *listed below* and must be adjusted for *elevation* 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. If using the Presto Precise® Digital Pressure Canner, please indicate the appliance used for either water bath or pressure canning. Untested recipes will be disqualified for food safety reasons. Tested recipe resources include: K-State Research and 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®.
- M. The Food Preservation Division Champion and Reserve Champion may be designated by the judge from all entries receiving a purple ribbon.

Classes (entry for each class is one jar):

- *4350 - Sweet Spreads (fruit and/or vegetables), Syrups
- *4351 - Fruits, Juices, Fruit Mixtures (salsa, pie filling, etc.)
- *4352 - Low Acid Vegetables (green beans, corn, etc., or vegetable mixtures)
- *4353 - Pickles (fruit or vegetable), Fermented Foods, Relishes, Chutney
- *4354 - Tomatoes, Tomato Products, Tomato Juice, Tomato Salsa (salsa in pints only, no quarts)
- *4355 - Canned Meats
- *4356 - Dried Foods - one kind of dried food, to be in a small canning jar. Suggested amount: 1/3 to 1/2 cup or 3 or 4 pieces per exhibit. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying (this is not the drying temperature). Dried products must include the recipe, preparation steps, and heating instructions. Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found at <http://www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf>

Judging Time: Monday - 1:00pm
(Conference Method)

Division Rules:

- A. Exhibitors may have a maximum of eight total exhibits in this division (each from a different recipe).
- B. Food exhibited becomes the property of the Geary County 4-H Clubs and will be sold with proceeds going into the 4-H Club Fund. A representative sample of the product will be put on display after judging.
- C. Food sale will be during food judging Monday. All food remaining will be sold to the public Tuesday.
- D. Baked products are to be placed on a piece of covered cardboard or paper plate cut or sized to fit the product, and then placed in a clear plastic food bag. **NO PLASTIC WRAP OR GARBAGE BAGS.** Cakes should not be placed on paper plates. Pies should be exhibited in a disposable container (not in a glass pie plate). Your entry will be dropped one ribbon placing if you bring your food product with plastic wrap or in a non-food safe bag. The Extension Office has larger plastic bags available for purchase. Decorated cakes do not have to be in a food bag or box.
- E. Small items, such as cookies and rolls, must be the same shape and same recipe in an entry and 3 exhibited.
- F. Snack mix entries should be exhibited in a plastic bag and 1 cup entered.
- G. Fruit leather and dried fruit exhibits should consist of 3 pieces or 1/3 to 1/2 cup in a small canning jar.
- H. Products must be whole, not cut except brownies and bar cookies which should be cut into 2" x 2" squares and 3 entered.
- I. All un-frosted cakes must be exhibited in the upright position with the crust showing, unless it is a special pan such as a Bundt cake.
- J. If the product does not meet specifications of the class it will not be eligible for exhibit.
- K. Under-baked entries will be lowered one or more ribbon placings *and will not be sold.*
- L. Alcohol (ex. wine, beer, hard liquor) is not allowed as an ingredient in food entries. Entries with alcohol will be disqualified and not be judged.

M. A PAPER COPY OF THE COMPLETE RECIPE WITH INGREDIENTS AND INSTRUCTIONS IS REQUIRED FOR ALL FOOD PRODUCT EXHIBITS. Exhibits without a recipe will be lowered one ribbon placing. The recipe will be included in the bag of baked goods when it is sold.

N. For food safety purposes, any food with raw eggs, custard and dairy-based fillings and frostings (ex. cream cheese regardless of sugar content), flavored oils, "canned" bread or cakes in a jar, cut fresh fruit, any foods requiring refrigeration (ex. bacon), or unbaked exhibit with raw flour (ex. no-bake cookies) will not be accepted. Refer to K-State Research and Extension Publication Judge's Guide for Food and Nutrition Exhibits (available from the Extension Office), for information to help you make informed, safe food exhibit decisions.

O. For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. Calculation must be attached to entry, or the placing will be lowered one ribbon when judged. Frostings and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are located at <https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>. A worksheet is available at https://bookstore.ksre.ksu.edu/item/frostings-and-fillings-worksheet_4H1171.

P. Mixes may be used; however, the judge will take the 4-H member's age and experience into consideration. If a mix is used for all or part of the product, the recipe, nutrition information, and ingredients off the box are used for the recipe requirement for judging.

Q. Educational Exhibits may be in the form of a poster, notebook, or display. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10. Name and county must be clearly marked on educational exhibits. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.

R. Junior (ages 7 to 11) and Senior (ages 12 and older) Division Champions and Reserve Champions may be selected by the judges from all foods given a purple ribbon. A Division Champion and Reserve Champion may also be selected from all Educational Exhibits and from all Culinary Arts exhibits.

Non-Perishable Food Product Classes:

- 4307 - Food Product prepared by 7 to 8-year old
Some examples of age-appropriate exhibits include: snack mix, bar cookies, muffins, cupcakes, and no-bake cookies. Exhibitors are not limited to these products.
- 4308 - Educational Exhibit prepared by 7 or 8-year old
- *4300 - Food Product prepared by 9 to 11-year old
Some examples of age appropriate exhibits include: cookies, un-frosted cake, quick bread, muffins, and fruit leather or dried fruit (will be entered as Food Preservation if eligible for State Fair). Exhibitors are not limited to these products.
- *4301 - Educational Exhibit prepared by 9 to 11-year old
- *4302 - Food Product prepared by 12 to 14-year old
Some examples of age appropriate exhibits include: yeast bread, yeast rolls, rolled or molded cookies, quick bread, and biscuits. Exhibitors are not limited to these products.
- *4303 - Educational Exhibit, prepared by 12 to 14-year old
- *4304 - Food Product prepared by exhibitor 15 & older
Some examples of age appropriate exhibits include: frosted layer cake, angel food cake, bundt cake, fruit pie, yeast bread, and yeast rolls. Exhibitors are not limited to these products.
- *4305 - Educational Exhibit, prepared by exhibitor 15 & older

Culinary Arts Classes (open to all ages):

- *4360 - Food gift package. No alcoholic beverages will be accepted. A food gift package must contain at least 3 different *non-perishable* food items (prepared for human consumption), made by the member, in a suitable container no larger than 18" x 18" x 18". Prepared food items must have recipes attached with the entry (*see letter O above for items with frostings and fillings*). Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. Food products will not be opened or tasted. Packaging should allow product to be seen. Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturer's instructions since they could break during baking. *Any brand name products in the basket must have the labels covered. Do not cellophane wrap your basket.*
- 4361 - Decorated Cake or other decorated edible food item – example gingerbread house. All products will be cut as quality of food item will be considered in judging.
- 4362 - Sculptured Food Item. May contain perishable items such as cut fresh fruit since it will not be tasted by the judge.

Judging Time: Tuesday - 12:30 p.m.

Division Rules:

- A. Members may exhibit only in the phase they are enrolled in and are limited to 3 entries per phase.
- B. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.
- C. All leaf exhibits are to be mounted on 8½" x 11" heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose. Maximum tri-fold size is 3' x 4'. Resources for exhibiting are located on the Kansas 4-H forestry project page.
- D. Name, club, age and year in project should be on the front cover or in a prominent location.
- E. Group specimens according to the years collected (such as "old – previous years" and "new"). New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens. When replacing a previously displayed sample, 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 placed in the "old – previous years" section of the display.
- F. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
- G. Leaves should be identified with an appropriate label located near the leaf on the same page. Label should include proper common name as listed in the 4-H bulletin 334, "List of Native Kansas Forest Trees" (available from the Extension Office); Scientific Name; location (city and/or county) where collected, and date (day, month, year or month, day, year) collected. Divide specimens into the following sections: Native Kansas Trees and Non-Native Trees.
- H. Exhibit one 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 comes from. A "leaflet" is incorrect when displayed as the complete leaf for the tree.
- I. Variations of varieties do not count as different species or specimens.

J. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.

K. The Forestry Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Leaf Collection Classes:

*5100 - Beginning (Choose either A or B)

- 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 collected.

*5101 - Intermediate (Choose either A or B)

- 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.

*5102 - Senior (Choose either A or B)

- A. Exhibit a minimum of 30 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 15 native Kansas trees showing leaf, twig, and fruit from each species collected. This exhibit must include 5 new leaf, twig, and fruit specimens.

*5103 - Advanced (Choose either A or B)

- 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.

Display/Notebook Classes:

*5104 - How a Tree Grows

Entry may include a project notebook with 10 or more seeds collected with pictures showing a germination study or 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.

*5105 - Tree Appreciation

Entry may include a research or reporting project notebook with no more than 10 pages based on the exhibitor's selected tree. Exhibit must be a different species of tree each year. This notebook may include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected.

*5106 - Growing and Protecting Trees

Entry requires a display, or project notebook, telling about project and pictures before, during, and after planting seedlings, a container tree, or a balled and burlapped tree.

*5107 - Tree Culture

Entry requires a display, or project notebook, showing your project work and includes pictures of before, during and after wood lot improvement.

*5108 - How Forests Serve Us

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

*5109 - Educational/Creative Exhibit

Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum tri-fold size of 3' x 4'. This is a good class to exhibit an unusual collection.

Judging Time: Tuesday - 12:30 p.m.

Division Rules:

A. Exhibitor is limited to only one of the first four geology classes (5200-5203) and one of the lapidary classes (5300-5304). Exhibitor may also enter in geology class 5204, 5205, 5206, and 5207.

B. The exhibit box's *outside dimensions* should be 18" x 24" x 3½". If a box has a sliding 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. Cover must be Plexiglas. For Lapidary classes only, the dimensions of the box should be appropriate for the display, but *outside dimensions* should not exceed 18" x 24" x 3½".

C. All specimens are to be arranged across the narrow (18") dimension of the exhibit box.

D. Each exhibitor is required to identify each display box by placing an identification label bearing *full name or first initial with last name*, county, and number of specimens in the upper left-hand corner of the Plexiglas cover and by attaching a label with the same information on the lower right corner of the box (outside).

E. *Check the state fair book for rules on number of years a 4-H member can exhibit in a particular class at the state fair.

F. The Geology Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Geology Rules:

A. Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description, and the county where collected.

B. All specimens must be collected in the state of Kansas (see exceptions below). *New specimens must be collected during the current 4-H year.*

C. All of the specimens in classes 5200 – 5203 and 5205-5207 must be collected (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 judging.

D. Fossils must be identified to the Phylum, Class and Genus level. 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. 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.

E. Specimens in classes 5200 -5203 should be mounted in the box by proper groups - rocks, minerals, fossils.

F. 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).

Geology Classes:

*5200 - Display at least 15 different rocks, minerals or fossils collected during the current 4-H year. Limited to one standard exhibit box.

*5201 - 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 standard exhibit box.

*5202 - 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 standard exhibit boxes. Identify the rocks as igneous, metamorphic, or sedimentary. These rock types must be spelled out on labels or have a legible key.

*5203 - 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 standard exhibit boxes. Identify the rocks as igneous, metamorphic, or sedimentary. These rock types must be spelled out on labels or have a legible key.

*5204 - Educational exhibit relating geology 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, archeological artifacts, or Indian artifacts. List sources used (*ex. web address or books reviewed as a citation list*). Exhibit limited to 4 feet of table space. Digital formats are accepted. Please plan for the judge to view your exhibit and have a hard copy for display.

*5205 - 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 (ie: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box. 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.

*5206 - Paleontology. 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. 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 D. on Page 63 for labeling expectations.

*5207 - Petrology. 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). The specimens must fit in one standard display box. You must display at least one specimen from each of the three classes. 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 Rules:

A. All lapidary specimens should be labeled with the following information:

1. Specimen name
2. Place of origin (country, state, or county; county required for Kansas specimens)
3. Purchased or self-collected
4. Date lapidary treatment began
5. Date lapidary treatment completed (treatment completed after the fair is considered a new year specimen)

B. The lapidary will be judged on the following criteria:

- | | |
|---------------------------------|-----------|
| 1. Workmanship and Content | 60 points |
| 2. Presentation and Showmanship | 30 points |
| 3. Accuracy of Information | 10 points |

C. Dimensions of the box should be appropriate for the display but *outside dimensions* should not exceed 18" x 24" x 3½".

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

Lapidary Classes:

*5300 - 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.

*5301 - 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 member collect any of these. Lapidary work must be done during the current 4-H year.

*5302 - Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least 2 varieties should be collected from the native site by the member, at least one of which comes from Kansas. Lapidary work on at least 3 varieties should be done during the current 4-H year.

*5303 - Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least 3 varieties should be collected from the native site by the member, at least 2 of which come from Kansas. Lapidary work on at least 3 varieties should be done during the current 4-H year.

*5304 - 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 3 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.

Market Goat Weigh-in: Monday - 4:00-6:00 p.m.
Judging Time: Monday - 7:00 p.m.

Division Rules:

A. Be sure to read the general rules, livestock rules, livestock health rules, and auction guidelines at the front of this book.

Dairy Goat Rules:

- A. Goats must be owned and in possession of 4-H member by May 1.
- B. All dairy animals will be shown by breed.
- C. All Junior Does are animals that are not in milk or have not previously freshened. All Senior Does are animals that are in milk or have previously freshened.
- D. In determining the age class in which the animal is shown, the cutoff date will be the date of the fair.
- E. Lactating milkers may be brought in by 5:30 p.m. on Monday and released following the show. Those entries are to be checked in with the superintendent on Monday between 5:30 - 6:30 p.m.
- F. Limit two animals per class, not to exceed five in total.
- G. Dairy Goat Division Champion and Reserve Champion may be designated by the judge from Champions and Reserve Champions in each breed.

Dairy Goat Classes:

- *1200 - Junior Doe under 5 months
- *1201 - Junior Doe 5 months to under 8 months
- *1202 - Junior Doe 8 months to under 12 months
- *1203 - Junior Doe 12 months to under 24 months
- *1204 - Senior Doe up to 24 months
- *1205 - Senior Doe 24 months and older
- Division Champion Dairy Goat Class

Breeding Goat Rules:

- A. Limit five breeding meat goats per exhibitor.
- B. Breeding Goat Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Champions in classes 1210-1213.

Breeding Goat Classes:

- 1210 - Doe 0-6 months
- 1211 - Doe 7-12 months
- 1212 - Doe 13-24 months
- 1213 - Doe 2 plus years
- Division Champion Breeding Goat Classx

Market Goat Rules:

- A. ALL MARKET GOATS MUST WEIGH AT LEAST 50 POUNDS AT FAIR WEIGH-IN TO SELL AT THE FAIR AND TO SHOW FOR CHAMPION.
- B. Market goats should be individually owned by the exhibitor and identified by an ear tag or tattoo, preferably an official state 4-H sanctioned ear tag. Market goats must be tattooed or tagged by *May 22*.
- C. Wether and doe kids will be allowed to show in market classes.
- D. Temporary incisors must be in place on market animals and there should be no evidence of breaking of the skin or eruption of permanent incisors.
- E. Dehorning is preferred. If not dehorned, the horns must be tipped and rounded (not less than the diameter of a dime at the end) prior to arrival on the grounds.
- F. Market goats must be slick shorn and of uniform length not to exceed 3/8 inch from knee and hock up at time of arrival.
- G. Limit five market goats per exhibitor.
- H. Weight breaks and classes to be used will be determined following goat weigh-in. Additional classes will be added as needed separated on weight breaks.
- I. All market goats not meeting the weight requirement of 50 pounds will show in the Lightweight Market Goat Class.
- J. Market Goat Division Champion and Reserve Champion may be designated by the judge from all entries meeting weight requirements. *The top 5 animals in the championship drive will be ranked.*

Market Goat Classes:

- 1220 - Market Goat

Goat Showmanship Rules:

- A. 4-H member must show their own animal.
- B. Class Champions and Reserve Champions from classes 1250-1252 will compete to determine Goat Showmanship Champion and Reserve Champion who will move on to the Round Robin Contest. Showmanship ribbons will be awarded.

Goat Showmanship Classes:

- 1250 - Goat Showmanship (14 & older)
- 1251 - Goat Showmanship (10 to 13-year old)
- 1252 - Goat Showmanship (7 to 9-year old)
- Champion Goat Showmanship Class (*top 5 in showmanship will be ranked*)

Judging Time: Sunday - 6:00 p.m. at Fairgrounds arena

Division Rules:

- A. Be sure to read the general rules, livestock rules, and livestock health rules at the front of this book. All horses must present proof of negative Equine Infectious Anemia (EIA) (Coggins) test within the last 12 months at show check-in.
- B. All classes are limited to those 4-H members enrolled in the horse project who own or lease a horse which was identified by submitting a 4-H Horse ID form by June 1 of the current year.
- C. 4-H members may exhibit two horses per conformation class, not to exceed five horses total in conformation classes. Members can exhibit only one horse in performance classes except reining and ranch horse pattern in which a member can enter up to two horses. Members can exhibit up to two horses in timed event classes and trail classes.
- D. Horses will be released following the completion of judging.
- E. HORSES SHOWN AT THE EXHIBITOR'S OWN RISK.
- F. Geary County Extension Agents, Fair Staff, Fair Board members, and Extension Council members are not responsible for any injuries or accidents involving horses, exhibitors or equipment while on the fairgrounds.
- G. All exhibitors are asked to refrain from allowing their horses to be ridden by any other person while at the fair.
- H. The use of protective headgear, in place of a hat, is the optional choice of exhibitors in any and all Western classes, including judged and timed classes.
- I. Entering a horse in walk/trot and walk/trot horsemanship classes means you cannot enter in advanced horsemanship classes on the same horse.
- J. The age of a horse is determined as of January 1 of the year in which it is born.
- K. Stallions may be exhibited only in the weanling or yearling halter classes.
- L. The Horse Division Champion and Reserve Champion may be designated by the judge based on Class Champions and Reserve Champions in classes 1910-1914. If a member has two horses to compete for champion, the member must have another Horse Project member show the second horse. No overall performance champion will be designated.

M. Class Champions and Reserve Champions from classes 1900-1902 will compete to determine Horse Showmanship Champion and Reserve Champion who will move on to the Round Robin Contest. Showmanship ribbons will be awarded.

Showmanship Classes:

- 1900 - Showmanship (14 and older)
 1901 - Showmanship (10 to 13-year old)
 1902 - Showmanship (7 to 9-year old))
 -Champion Horse Showmanship Class (*top 5 in showmanship will be ranked*)

Conformation Classes:

- 1910 - Weanling (born in 2025)
 1911 - Yearling (born in 2024)
 1912 - Two-Year-Old (born in 2023)
 1913 - Three-Year-Old and Older Mare (born in 2022 or before)
 1914 - Three-Year-Old and Older Gelding (born in 2022 or before)
 -Division Champion Horse Class

Performance Classes:

- 1920 - Walk/Trot - beginners only (10 to 13-year old)
 1921 - Walk/Trot - beginners only (7 to 9-year old)
 1922 - Walk/Trot Horsemanship (10 to 13-year old)
 1923 - Walk/Trot Horsemanship (7 to 9-year old)
 1924 - Horsemanship (14 & older)
 1925 - Horsemanship (10 to 13-year old)
 1926 - Horsemanship (7 to 9-year old)
 1927 - Western Pleasure (14 & older)
 1928 - Western Pleasure (10 to 13-year old)
 1929 - Western Pleasure (7 to 9-year old)
 1930 - English Pleasure (14 & older)
 1931 - English Pleasure (10 to 13-year old)
 1932 - English Pleasure (7 to 9-year old)
 1933 - Reining (14 & older)
 1934 - Reining (10 to 13-year old)
 1935 - Reining (7 to 9-year old)
 1936 - Ranch Horse Rail (14 & older)
 1937 - Ranch Horse Rail (10 to 13-year old)
 1938 - Ranch Horse Rail (7 to 9-year old)
 1939 - Ranch Horse Pattern (14 & older)
 1940 - Ranch Horse Pattern (10 to 13-year old)
 1941 - Ranch Horse Pattern (7 to 9-year old)

Timed Event Classes:

- 1950 - Barrels (14 & older)
- 1951 - Barrels (10 to 13-year old)
- 1952 - Barrels (7 to 9-year old)
- 1953 - Flags (14 & older)
- 1954 - Flags (10 to 13-year old)
- 1955 - Flags (7 to 9-year old)
- 1956 - Pole Bending (14 & older)
- 1957 - Pole Bending (10 to 13-year old)
- 1958 - Pole Bending (7 to 9-year old)
- 1959 - Kegs (14 & older)
- 1960 - Kegs (10 to 13-year old)
- 1961 - Kegs (7 to 9-year old)

Trail Classes:

- 1970 - Trail (14 & older)
- 1971 - Trail (10 to 13-year old)
- 1972 - Trail (7 to 9-year old)
- 1973 - Ranch Horse Trail (14 & older)
- 1974 - Ranch Horse Trail (10 to 13-year old)
- 1975 - Ranch Horse Trail (7 to 9-year old)

Costume Class:

1980 - (open to all 4-H Horse project members)
 Dress up! Pretty much anything goes. The costume should be chosen wisely with safety kept in mind. It should never interfere with the entrant's ability to control the horse, or the horses' ability to move at a walk and trot. The horse should be introduced to their costume before the fair so that they may become used to the costume and any adjustments can be made. The horse may be led into the class by hand or ridden. All entrants will enter the class at a walk on the rail, and continue at a walk unless otherwise directed by the judge. They will line up and face the judge for placings. This class will be judged 75% on creativity, originality, and humor – and 25% on manners and suitability.

Judging Time: Tuesday - Noon

Division Rules:

- A. A maximum of 10 entries may be exhibited in Horticulture. Each entry must be a different variety.
- B. All horticulture exhibits must be grown by the exhibitor.
- C. Canned products and shelled vegetables are not to be exhibited.
- D. Exhibiting Fruits and Vegetables bulletin is available from the Extension Office for help.
- E. Entries can be brought in Monday from 4:00 p.m. to 7:00 p.m. or Tuesday by 11:00 a.m.
- F. Use a sturdy plate, bowl or container that will support the weight of the produce. Secure entry card to plate or container with string or tape.
- G. The Horticulture Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions. Division Champion and Reserve Champion will each receive \$50 in prize money.

Garden Display Rules:

- A. Limited to four square feet of space.
- B. Must be exhibited in a tray, basket or container that can be easily moved by fair staff.
- C. Exhibit shall consist of five different types of fresh vegetables or fruits.
- D. Only one variety of each type of vegetable or fruit may be exhibited.
- E. The numbers of the five types of vegetables or fruits to be exhibited should follow guidelines for individual entry classes.

Garden Display Class:

*2500 - Garden Display

Individual Entry Classes:

*2501 - Small vegetable specimen plate (12) Ex: green snap beans, yellow wax beans, cherry or pear tomatoes, or other small vegetable

- *2502 - Medium vegetable specimen plate (5) 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 pumpkins, decorative gourds, garlic, or other medium vegetable
- *2503 - Large vegetable specimen plate (1) Ex: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, or other large vegetable
- *2504 - Fresh Culinary herbs (6 stems) 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.
- *2505 - Small fruits (one half pint box) Ex: strawberries, blackberries, raspberries, or other similar size fruit (if other, please include name of fruit on entry)
- *2506 - Tree fruits (plate of 5) Ex: apples, pears, peaches, or similar size fruit
- *2507 - Grapes (plate of 2 bunches)
- 2508 - Educational Poster/Display (see poster and display guidelines on Page 16-17 and copyright/trademark guidelines in letter M. on Page 10)
- *2509 - 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, vegetable garden, lawn mowing service, landscape maintenance business, farmer’s market business, or other 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. 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%.

Judging Time: Tuesday - 1:30 p.m.
(Conference Method)

Division Rules:

- A. Projects with missing or insufficient summary will be lowered one ribbon placing.
- B. The Interior Design & Architecture Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Interior Design Classes:

- *4400 - 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 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 8½ x 11” page). Boards must be on foam core or a standard tri-fold display.
- *4401 - 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 is 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 (see Interior Design & Architecture Resources on the Kansas 4-H webpage) to get started. Each collage must be on its own page. Page size preference and maximum is 11 x 17” but smaller dimensions can be used. 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 one to three paragraph description of your design intent. Adhere both collages and design intent on a foam core presentation board labeled with the descriptive words you selected. Research, inspiration imagery, or any additional drawings that helped you design your space may be included.

*4402 - Two Diorama Models. 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" x 18". Both rooms being depicted need to be the same size. Dioramas should convey a space which 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 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. Diorama 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 materials to depict design finishes/elements within the diorama.

Architecture Classes:

*4403 - 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 the spaces or guide the marble. Consider the size of the marble and 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 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" x 24" (poster board size) and 12" in height. In addition to the 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 1 to 3 paragraph description of your design intent to be included on the design board.

*4405 - Marble Maze Presentation Board Only. Presentation board should be foam core with the following items attached. Include drawings of your marble enclosure/maze design (examples include floor plan, section, elevations, etc.). In addition to your base drawings, include any illustrations/drawings to help your audience understand the path of travel for the marble. Quality photographs that show the sequence of the marble moving through the built design may be included. Images may include notes to explain your thoughts/design intent on the board. This sequence of photos should visually tell the story of your design. Write a 1 to 3 paragraph description of your design intent to be included on the presentation board.

Single Exhibit Class: (no longer eligible for state fair)

4410 – Single Exhibit: Article made or refinished by the member for the home.

Contest Rules:

A. 4-H members are not required to be enrolled in a specific project in order to participate in the judging contests on the county level or state level.

Livestock Judging Contest:

Class 5900

Contest will be held in the livestock arena on Thursday at Noon. Sign-up for the contest will be from 11:30-11:50 a.m. outside the Fair Office.

Horticulture Judging Contest:

Class 5901

Contest will be held Wednesday at 1:00 p.m. 4-H members can begin judging any time after the start of the contest, but all forms must be turned in by 3:00 p.m. Official placings and explanation will be made available at 3:00 p.m.

Photography Judging Contest:

Class 5903

Contest will be held Wednesday at 1:00 p.m. 4-H members can begin judging any time after the start of the contest, but all forms must be turned in by 3:00 p.m. Official placings and explanation will be made available at 3:00 p.m.

Judging Time: Tuesday - 11:00 a.m.
(Conference Method optional)

Division Rules:

- A. Exhibits may be entered in any project in which there is no special department. Label everything included for identification purposes. Use imagination in preparing the exhibit.
- B. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- C. Meeting with the judge for conference-style judging is optional. Sign-up instructions will be provided to you ahead of the fair if you would like to conference with the judge.
- D. Division Champion and Reserve Champion may be designated by the judge from all entries in Section A. Division Champion and Reserve Champion may also be designated by the judge from all entries in Section B.

Section A (Notebooks, Posters, and Displays) Rules:

- A. Members may exhibit two entries per 4-H project.

Section A Classes:

- 0300 - Notebook (7 to 9-year old)
- 0301 - Poster (7 to 9-year old)
- 0302 - Display (7 to 9-year old)
- 0310 - Notebook (10 to 13-year old)
- 0311 - Poster (10 to 13-year old)
- 0312 - Display (10 to 13-year old)
- 0320 - Notebook (14 & older)
- 0321 - Poster (14 & older)
- 0322 - Display (14 & older)

Section B (Building Creations) Rules:

- A. Members may exhibit a maximum of two entries. Exhibits must have been constructed during the current 4-H year.
- B. Total exhibit dimensions may not exceed 2' x 2' x 2'. The primary building component should be interlocking blocks.
- C. It is suggested that the displays be covered with plastic wrap or enclosed in plexiglass for protection.
- D. Creations will be judged on theme, neatness, creativity and display.
- E. The 4-H Building Block Engineering project is another exhibiting opportunity. See the Building Block Engineering section of the fair book for rules and classes.

Section B Classes:

- 0325 - Building Creation made from kit
- 0326 - Building Creation original design

Judging Time:
Tuesday - 10:00 a.m. - Aquarium Pets and Hand Pets
Wednesday - 9:30 a.m. - Cat Show

Division Rules:

- A. Members may enter one exhibit per class.

Cat Rules:

- A. A copy of proof of current vaccination (vaccination certificate or health certificate) signed by a veterinarian must be submitted to the Extension Office by pre-entry deadline for cats being entered in the cat show.
- B. Cats will be brought in time for show on Wednesday and will be released immediately following the Cat Show.
- C. All cats must be brought in a cage or box. No straw is allowed in cages or boxes.
- D. Judge may designate a Division Champion and Reserve Champion Cat from classes 0500-0503.

Cat Classes:

- 0500 - Kitten 4-8 months old, short hair
- 0501 - Kitten 4-8 months old, long hair
- 0502 - Cat, short hair
- 0503 - Cat, long hair

Cat Showmanship Rules:

- A. Members must show their own animal.
- B. Judge may designate a Cat Showmanship Champion and Reserve Champion from all entries.

Cat Showmanship Classes:

- 0510 - Cat Showmanship (14 & older)
- 0511 - Cat Showmanship (10 to 13-year old)
- 0512 - Cat Showmanship (7 to 9-year old)

Pet Rules:

- A. No live animals allowed.
- B. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- C. Judge may designate a Division Champion and Reserve Champion for educational posters or exhibits from classes 0520-0521.

Pet Classes:

- 0520 - Aquarium Pets - Educational Poster or Display
- 0521 - Hand Pets - Educational Poster or Display

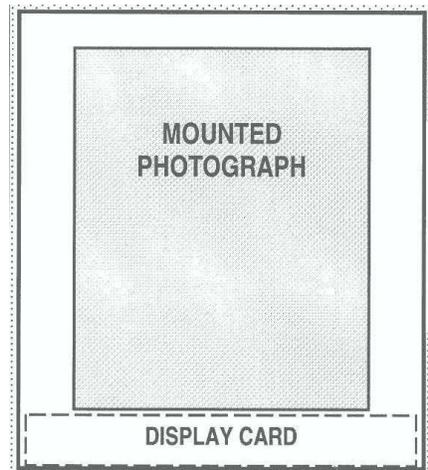
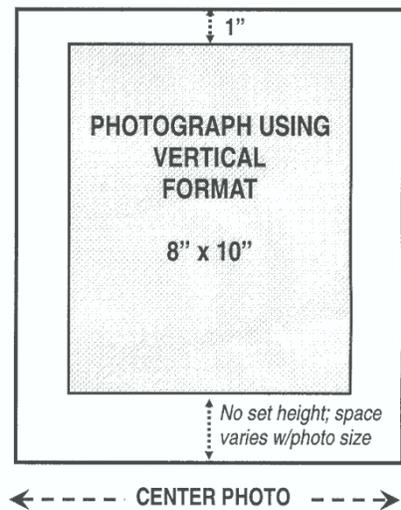
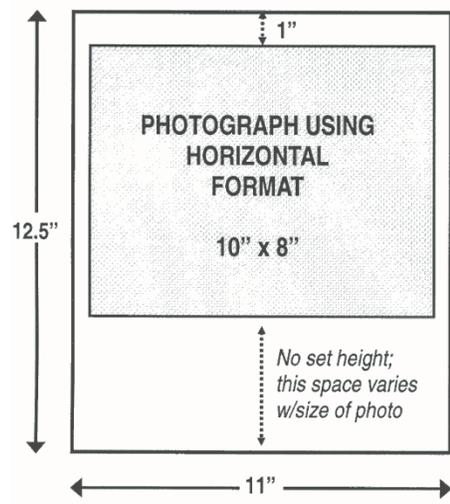
Judging Time: Monday - 1:00 p.m.
(Conference Method)

Division Rules:

- A. Black and white prints and color photographic prints may be exhibited.
- B. Photographs entered must be the result of the current year's project work by the 4-H member. Photo images must be taken by the 4-H member (exhibitor) and follow copyright/trademark guidelines in letter M. on Page 10.
- C. *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 modified images are not allowed.*
- D. 11" x 12½" studio matte boards with a cellophane bag may be purchased from the Extension Office for \$1.75 per set.
- E. 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 fair.
- F. Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed in 4-H photography and will be disqualified.
- G. Photography Division Champion and Reserve Champion may be designated by the judge in each class 4800-4805 and also for Special Class and Portfolio Class categories.

Photo Mounting and Display Instructions:

- A. Photos **MUST** be mounted across the narrow (11 inch) dimension of an 11" x 12½" sheet of white or cream studio matte board.
- B. The top edge of the print must be 1 inch below the top of the mount. Sides of the print must be equal distance from the two sides of the mount.
- C. A full coverage permanent mount using spray adhesive must be used. Household glues, tape, and photo corners are not acceptable for mounting.
- D. **DO NOT** cut studio matte board in any way.
- E. Each photo must be exhibited in a cellophane bag; place mounted photograph, display and exhibit cards all inside the bag. Display Card should be in front of photograph as shown (**DO NOT ATTACH**), and regular Exhibit Card behind photo mount. Do not seal bags.



General Class Rules:

- A. Each 4-H member is limited to 5 entries per class.
- B. All photos must be no larger than 8" x 10" and no smaller than 7" x 9" after trimming.
- C. NO lettering is permitted on the front of the mount or on the photo. (This includes date/time stamp on photos.) No underlay or borders are to be used. Remove white border from the photo print before mounting.
- D. 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.
- E. Black and white photo classes are 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.
- F. Photos entered in any class at the Geary County Free Fair may be used in the Fair Photography Judging Contest.

General Classes:

- *4800 - For color photos (film or digital) taken by 4-H member with 3 years or less in the project.
- *4801 - For color photos (film or digital) taken by 4-H member with 4 to 7 years in the project.
- *4802 - For color photos (film or digital) taken by 4-H member with 8 or more years in the project.
- *4803 - For black and white photos (film or digital) taken by 4-H member with 3 years or less in the project.
- *4804 - For black and white photos (film or digital) taken by 4-H member with 4 to 7 years in the project.
- *4805 - For black and white photos (film or digital) taken by 4-H member with 8 or more years in the project.

Special Class Rules:

- A. Photos used in Classes 4820 and 4821 should not be enlarged, labeled, or cropped.

Special Classes:

- 4820 - Photo Story - This should be a series of 3 to 10 photos which tell a story. They should be mounted on poster board or photo mount no less than 11" x 14" and no larger than 16" x 20" with the title of the story and the 4-H member's name printed in the front lower right-hand corner.
- 4821 - Photo Illustration of a 4-H Project - This should be a series of 3 to 10 photos which illustrate the development of another 4-H project. They should be mounted on poster board or photo mount no less than 11" x 14" and no larger than 16" x 20" with the 4-H project title and the 4-H member's name in the front lower right-hand corner.

Portfolio Class Rules:

- A. See the Kansas 4-H website Photography page and state fair page for more information and resources.
- B. An information sheet (available online or at the Extension Office) must accompany each photo giving brand name and model of camera used to create the photo and settings for focal length, aperture, mode and shutter speed.
- C. A member may enter only one portfolio each year.

Portfolio Classes:

- *4807 - Growth Portfolio - Member is eligible for this class beginning with the third year of enrollment in the photography project. 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 and project enrollment year. *A maximum of 5 photos may be included if the member has 5 or more years of enrollment*. Photos can be from any year of enrollment. Photos must be 8" x 10" and may be color or black and white and must be unmounted. Information sheet must include skill set used to create the photo and main goal for each year. A short introduction of the photographer should be placed in the first page. This introduction should tell why the 4-H member enrolled, and has continued to enroll, in the photography project. Could also tell of a fun event photographed, a learning experience that taught new skills, or other related learning. Beginning with the second photo, member description of GROWTH in project skill must also be included. Exhibit will consist of introductory page, information sheet, and photo from each year in chronological order. A portfolio book will be required. *Skill sheet will go in left hand page and unmounted photos in right hand page.*
- *4808 - Career Portfolio – Members must have been enrolled in Photography project for 5 years or more OR must be at least 15 years old and have been enrolled in the project for at least 2 years. Exhibit will consist of ten 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. Photos may be color except if Black and White option is chosen and must be unmounted. 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. Exhibit will be presented in a notebook designed for portfolio review with pages for required information listed above.

Judging Time: Wednesday - 8:00 a.m.

Division Rules:

- A. Be sure to read the general rules, livestock rules, and livestock health rules at the front of this book.
- B. Members may not enter more than twelve pens of poultry. Not more than four pens may be entered in any one class.
- C. The Kansas Poultry Disease Act requires that all chickens and turkeys going to public exhibit show proof of freedom from pullorum-typhoid diseases. 2026 is not a designated testing year for Geary County.
- D. Any poultry shown at the fair must have been owned and in the possession of the 4-H member before June 1 of the current year.
- E. Members will be responsible for cleaning pens for their poultry during the fair and before taking poultry home. If not cleaned the member will forfeit any premium money earned at the fair. Check with adult superintendent of the division for clearance on completion of clean up.
- F. Judging of classes 3201-3204, 3209-3212, and 3222 will be done primarily on the basis of exhibition qualities as described in "The American Standard of Perfection". Disqualification will bar competition in these classes. Judging of classes 3205-3208 and 3220 will be done on the basis of production qualities only.
- G. Class Champion and Class Reserve Champion may be chosen from pigeons, bantams, standard birds, waterfowl, and other poultry. These Champions and Reserve Champions will then compete for Division Champion and Reserve Champion.

Pigeon Classes:

- 3230 - Pigeon - Old Cock (hatched in previous calendar year)
- 3231 - Pigeon - Old Hen (hatched in previous calendar year)
- 3232 - Pigeon - Young Cock (hatched in this calendar year)
- 3233 - Pigeon - Young Hen (hatched in this calendar year)

Standard Bird Classes:

- *3201 - One pullet or cockerel
- *3202 - One hen or rooster

Bantam Classes:

- *3203 - One pullet or cockerel
- *3204 - One hen or rooster

Waterfowl Classes:

- *3210 - Ducks, Call or Bantam, all breeds; 1 bird of either sex
- *3211 - Ducks, all breeds; 1 bird of either sex
- *3212 - Geese, all breeds; 1 bird of either sex

Other Poultry Classes:

- *3209 - Turkeys, all breeds; 1 bird of either sex
- 3221 - Pheasants, all breeds; 1 bird of either sex
- 3222 - Guineas, all breeds; 1 bird of either sex
- 3223 - Other Poultry; 1 bird of either sex

Pen of 3 Classes:

- *3205 - Production Pullets - Pen of 3 Standardbred, crossbred, or strain cross pullets to be judged on egg production qualities
- *3206 - Production Hens - Pen of 3 Standardbred, crossbred, or strain cross hens to be judged on egg production qualities
- *3207 - Dual Purpose Pullets - Pen of 3 such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- *3208 - Dual Purpose Hens - Pen of 3 such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- 3220 - Meat-type Chickens - Pen of 3 Standardbred, crossbred, or strain cross birds of the same sex to be judged on meat production qualities only

Showmanship Rules:

- A. Member must show their own animal.
- B. Judge may designate a Poultry Showmanship Champion and Reserve Champion from Class Champions and Reserve Champions in classes 3250-3252.

Showmanship Classes:

- 3250 - Poultry Showmanship (14 & older)
- 3251 - Poultry Showmanship (10 to 13-year old)
- 3252 - Poultry Showmanship (7 to 9-year old)

Judging Time: Wednesday - 8:30 a.m.

Division Rules:

A. Members may not enter more than twelve rabbits. Meat Pen will count as one rabbit and members may only exhibit one meat pen.

B. Any rabbit shown at the fair must have been owned and in the possession of the 4-H member before June 1 of the current year.

C. Each rabbit is to be legibly and permanently tattooed in its left ear for identification.

D. Age definitions:

1. PRE-JUNIOR (under 3 months) classes only available in the following breeds: Argente Brun, Beveren, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Creme D'Argent, New Zealand, and Palomino.
2. JUNIOR (under 6 months)
3. INTERMEDIATE (6-8 months) classes only available in the following breeds: American, Giant Angora, Argente Brun, Beveren, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème D'Argent, Flemish Giant, English Lop, French Lop, New Zealand, Palomino, Satin, and Silver Fox.
4. 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)

E. All rabbits will be divided into classes by ages and judged according to their breed standard as listed in the ARBA "Standard of Perfection". Only breeds recognized by ARBA may be shown, no mixed breed rabbits will be allowed.

F. Each breed will be given a Best in Breed if the judge deems the entries worthy. Division Champion and Division Reserve Champion will be chosen from the rabbits deemed Best in Breed.

Rabbit Classes:

- *3400 - Senior Buck - eight months of age and over for breeds with Intermediate classes, six months and over for all other breeds
- *3401 - Senior Doe - eight months of age and over for breeds with Intermediate classes, six months and over for all other breeds
- *3402 - Intermediate Buck - only breeds listed previously with Intermediate classes
- *3403 - Intermediate Doe - only breeds listed previously with Intermediate classes
- *3404 - Junior Buck - under six months of age
- *3405 - Junior Doe - under six months of age
- *3406 - Pre-junior Buck - only breeds listed previously with Pre-junior classes
- *3407 - Pre-junior Doe - only breeds listed previously with Pre-junior classes
- *3420 - Meat pen: 3 rabbits all one recognized breed and variety (broken varieties must be same color)
Minimum weight 3½ lbs. each, maximum weight 5½ lbs. each, and not over 70 days of age. Will be judged on their meat qualities, condition, uniformity, and fur.

Fur Rules:

A. Fur entries must be made from rabbits that are entered in the regular breed classes 3400-3407.

Fur Classes:

- *3450 - Normal White Fur
- *3451 - White Satin Fur
- *3452 - White Rex Fur
- *3453 - White Wool Fur
- *3454 - Normal Colored Fur
- *3455 - Colored Satin Fur
- *3456 - Colored Rex Fur
- *3457 - Colored Wool Fur

Showmanship Rules:

A. Members must show their own animal.

B. Showmanship age is member's age as of January 1 of the current year.

C. Judge may designate a Rabbit Showmanship Champion and Reserve Champion from Class Champions and Reserve Champions in classes 3460-3464.

Showmanship Classes:

- *3460 - Rabbit Showmanship (15 & older)
- *3461 - Rabbit Showmanship (13 to 14-year old)
- *3462 - Rabbit Showmanship (11 to 12-year old)
- *3463 - Rabbit Showmanship (9 to 10-year old)
- 3464 - Rabbit Showmanship (7 to 8-year old)

Judging Time: Tuesday - 10:00 a.m.
(Conference Method optional)

Division Rules:

- A. May be poster, notebook or free-standing display. See display and poster guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. Use your imagination in preparing the exhibit.
- C. Label everything in exhibit for identification purposes.
- D. Meeting with the judge for conference-style judging is optional. Sign-up instructions will be provided to you ahead of the fair if you would like to conference with the judge.
- E. The Reading Division Champion and Reserve Champion may be designated by the judge from all entries.

Class:

0600 - Reading project exhibit

Judging Time: Tuesday - 10:00 a.m.
(Conference Method)

Division Rules:

- A. Robotics Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- B. All exhibits must have been completed during the current 4-H year.
- C. Each member may enter two exhibits per class.
- D. Exhibitor's name, county, 4-H age, and years in project must be tagged or labeled on the exhibit. This must be on the back of displays and posters.

Robotics Rules:

- A. Each exhibit must include a robot; information packets are not sufficient.
- B. Robots must have automated (*electric, pneumatic, hydraulic, etc.*) articulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer systems classes or electric & renewable energy division. Robots requiring no assembly, just programming, such as Ozobots, are considered computer sciences projects as the skill is focused on programming.

C. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. If displayed in a case (not required), the outside case dimensions should not be excessive. All pieces of the display case should have the exhibitor's information attached.

D. 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.

E. Robots may be powered by battery, water, air, *elastic energy devices (rubber bands, balloons, etc.)* or solar source only. Junk drawer robots may be powered by a non-traditional power source. Robots powered by fossil fuels/flammable liquids will be disqualified.

F. 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 is not acceptable. Robotic arms (hydraulic, *mechanical*, or electrical) are allowed. 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.

G. 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.

H. Each robot must be in operable working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete tasks as determined by the exhibitor.

I. Each exhibitor is required to complete the "4-H Robotics Exhibit Information Form" for the current year. This form must be attached to the outside of a 10" x 13" manila envelope.

J. The exhibit must include written instructions for operation, construction plans and one to five pages of project photographs. For robots that can be programmed, robot programming information must be included. This information should be placed inside the 10" x 13" manila envelope. Robot programming information can be, but is not limited to, source code, block diagrams, screen captures of the coding window, and other images that show the programming logic used.

K. Creativity, workmanship, and functionality will be strong criteria in judging the "Robot designed by Exhibitor" classes. Robots designed by exhibitor must not be a mere modification of an existing robot kit or plan.

L. Robots that include weaponry of any kind 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.

Robotics Classes:

7 to 8-year old exhibitors

- 5504 - Robot made from a commercial (purchased) kit (no programming, just assembly)
- 5505 - Robot designed and constructed by exhibitor
- 5506 - Programmable robot made from a commercial (purchased) kit
- 5507 - Robot designed and constructed by exhibitor or from a commercial kit that is operable by a remote-controlled device
- 5508 - Junk Drawer Robotics-based curriculum robot

9 to 13-year old exhibitors

- *5509 - Robot made from a commercial (purchased) kit (no programming, just assembly)
- *5510 - Robot designed and constructed by exhibitor
- *5511 - Programmable robot made from a commercial (purchased) kit
- *5546 – Robot designed and constructed by exhibitor or from a commercial kit that is operable by a remote-controlled device
- *5544 - Junk Drawer Robotics-based curriculum robot

14 and older exhibitors

- *5513 - Robot made from a commercial (purchased) kit (no programming, just assembly)
- *5514 - Robot designed and constructed by exhibitor
- *5515 - Programmable robot made from a commercial (purchased) kit
- *5547 - Robot designed and constructed by exhibitor or from a commercial kit that is operable by a remote-controlled device
- *5545 - Junk Drawer Robotics-based curriculum robot

Any exhibitor

- *5517 - Robot designed and constructed by 2 or more 4-H members. 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 class is designed to encourage teamwork and cooperation among 4-H 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.

Educational Exhibit Rules:

A. Educational displays and posters should be creative and showcase something specific you have learned in the project during the current 4-H year. Exhibits must show a clear link to the Engineering and Technology area of Robotics. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Exhibits must contain substantial supporting educational materials. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.

B. Project notebooks must be organized in a 3-ring binder.

C. Displays, Notebooks, and Posters do not need an Exhibit Information Form included.

D. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.

E. Educational displays are not to exceed 4' high x 3' wide x 2' deep. Posters are limited to commercial 3' x 4' tri-fold display boards.

F. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

G. Robotics team project notebooks should highlight information/roles of each team member, drawings, charts, photographs, goals and objectives of your robotics project, and all robotic competitions your team has competed in during the current 4-H year.

Educational Exhibit Classes:

7 to 8-year old exhibitor

- 5753 - Robotics Display
- 5754 - Robotics Notebook
- 5755 - Robotics Poster

9 to 13-year old exhibitor

- *5756 - Robotics Display
- *5757 - Robotics Notebook
- *5758 - Robotics Poster

14 and older exhibitor

- *5761 - Robotics Display
- *5762 - Robotics Notebook
- *5763 - Robotics Poster

Any exhibitor

- *5766 - Team Robotics Display
- *5767 - Team Robotics Notebook
- *5768 - Team Robotics Poster

Judging Time: Thursday - 10:00 a.m.

Contest Rules:

- A. The top two individuals in Beef, Dairy, Goat, Horse, Sheep, and Swine Showmanship will participate in this contest to determine the Champion and Reserve Champion Showmanship competitors. *The top 5 will be ranked in each species to participate as needed.*
- B. Those selected grand or reserve champion showman must provide an animal of that species for round robin showmanship or forfeit the opportunity to participate.
- C. Those who are selected in more than one species may choose the species they will represent.
- D. See Beef, Dairy, Goat, Horse, Sheep, and Swine divisions for qualifying procedures.
- E. Overall Grand Champion showman name and year will be engraved on a plaque sponsored by Agri Trails Coop that will be kept in the trophy case at the 4-H/ Senior Citizens Center.

Class:

1600 - Round Robin Showmanship

Judging Time: Monday - July 13

-Sewing & Textile Design and Educational Exhibits will be judged by conference method as scheduled in the morning.

Division Rules:

- A. Exhibits will be on display at the Geary County Free Fair. Members MUST HAVE exhibits displayed at the fair to collect ribbons and premium money. Bring exhibits to Fair Set-up or Foods/Photography Judging. Please bring sewing exhibits on swivel hangers for ease of display.
- B. Limit 4 entries in sewing & textile design classes and 2 entries in educational classes per 4-H member.
- C. Sewing & Textile Design Champions and Reserve Champions may be designated by the judge(s) for ages 7-8, ages 9-11, ages 12-14, and ages 15 and older. Educational Exhibit Champion and Reserve Champion may be selected from all Educational Exhibits. Recycled Sewing Champion and Reserve Champion may be selected from all Recycled Exhibits.

Sewing Rules:

- A. Articles, garments, and outfits may have been used or worn, but shall be carefully laundered or cleaned before being exhibited.
- B. Pre-cut kits are acceptable for all sewing classes. All articles/garments must be finished for use.
- C. Submit a photo of non-modeled sewing items, preferably with the 4-H member included, at sewing judging. Size of photo not to exceed 5" wide and 6" tall. These photos will be displayed at the fair with constructed items.
- D. Identification labels are required.
 - 1. Type or print on a clothing label or a 3" x 2½" piece of cloth: 4-H Member's Name, Class Number, and County
 - 2. Attach labels on inside of garment or item (back of neck, center back of waistband, or left end of apron band) with a safety pin or corner stitches before judging. Label each piece. If you take the label out for Fashion Revue judging, you must sew or safety pin it back in before exhibiting at the fair.

	COUNTY <u>GEARY</u>
NAME <u>CHRIS CLOVER</u>	
PROJECT <u>CLOTHING</u>	
CLASS NUMBER <u>400</u>	
AGE <u>9</u> YEAR <u>2</u>	

Sewing Classes:

- 4008 - An article, garment or outfit constructed by a 7 to 8-year old exhibitor.
- *4000 - An article, garment or outfit constructed by a 9 to 11-year old exhibitor.
- *4002 - An article, garment or outfit constructed by a 12 to 14-year old exhibitor.
- *4004 - An article, garment or outfit constructed by a 15 and older exhibitor.
- *4006 - Recycled Sewing Project - An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/ redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. An index card no larger than 4" x 6" MUST accompany entry describing the recycled materials and how they were used in the item.

Educational Exhibit Rules:

- A. The purpose of an educational exhibit is to share with others what you learned in the sewing & textile design project.
- B. Exhibits may be in the form of a poster, notebook, or display.
- C. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- D. Name and county must be clearly marked on educational exhibits.

Educational Exhibit Classes:

- 4007 - Educational exhibit prepared by a 7 to 8-year old exhibitor.
- *4001 - Educational exhibit prepared by a 9 to 11-year old exhibitor.
- *4003 - Educational exhibit prepared by a 12 to 14-year old exhibitor.
- *4005 - Educational exhibit prepared by a 15 and older exhibitor.

Market Lamb Weigh-in: Monday - 4:00-6:00 p.m.
Judging Time: Monday - 7:00 p.m.

Division Rules:

- A. Be sure to read the general rules, livestock rules, livestock health rules, and auction guidelines at the front of this book.
- B. The use of artificial coloring, except on hooves, is prohibited.

Breeding Sheep Rules:

- A. Members may exhibit two breeding ewes per class, not to exceed five breeding ewes in total.
- B. Each breed will show separately.
- C. Breeding Sheep Division Champion and Reserve Champion may be designated by the judge from Champions and Reserve Champions in each breed.

Breeding Sheep Classes:

- 1300 - Spring Breeding Ewe Lamb
- 1301 - Fall Breeding Ewe Lamb
- 1302 - Yearling Ewe
- 1303 - Aged Ewe
- Division Champion Breeding Sheep Class

Market Lamb Rules:

- A. ALL MARKET LAMBS MUST WEIGH AT LEAST 100 POUNDS AT FAIR WEIGH-IN TO SELL AT THE FAIR AND TO SHOW FOR CHAMPION.
- B. Each exhibitor may exhibit two market lambs per breed, not to exceed five market lambs in total.
- C. All market lambs must be tagged by *May 22*.
- D. All market lambs will be slick shorn (no more than .2-inch wool) prior to arrival.
- E. Weight breaks and classes to be used will be determined following fair weigh-in. Additional classes will be added as needed separated on weight breaks. Must have three lambs of one breed to create a purebred class.
- F. All market lambs not meeting the weight requirement of 100 pounds will show in the Lightweight Market Lamb class, regardless of breed.
- G. Market Lamb Champion and Reserve Champion may be designated by the judge from Breed Champions and Reserve Champions in Purebred Market Lamb Classes (if added), All Other Purebred Market Lamb Class, and Crossbred Market Lamb Class.

Market Lamb Classes:

- 1320 - Purebred Class
- 1321 - Crossbred Class
- Champion Crossbred Market Lamb Class (if needed)
- Division Champion Market Lamb Class (*top 5 animals will be ranked*)

Sheep Showmanship Rules:

- A. 4-H member must show their own animal.
- B. Class Champions and Reserve Champions from classes 1350-1352 will compete to determine Sheep Showmanship Champion and Reserve Champion who will move on to the Round Robin Contest. Showmanship ribbons will be awarded.

Sheep Showmanship Classes:

- 1350 - Showmanship (14 & older)
- 1351 - Showmanship (10 to 13-year old)
- 1352 - Showmanship (7 to 9-year old)
- Champion Sheep Showmanship Class (*top 5 in showmanship will be ranked*)

Rate of Gain Contest Rules:

- A. Open to any 4-H member enrolled in the market lamb project who is a member of a Geary County Community 4-H Club.
- B. Lamb must be weighed at official county weigh-in (beginning weight) and at the fair weigh-in (ending weight).
- C. Lambs must be exhibited at the fair to be eligible.
- D. Winner will be announced during the sheep show.
- E. Name, ADG, and year will be engraved on a plaque kept in the trophy case at the 4-H Building.

Judging Time: Monday - 6:45 p.m.

Division Rules:

- A. Entries in this class will be limited to those 4-H members enrolled in the sewing & textile design, shopping in style, or sheep projects.
- B. The object of this class is to present sheep in the most attractive manner, to improve the image of the sheep show and to give spectators the opportunity to view well-groomed lambs being shown in halter by attractively dressed 4-H members wearing wool clothing.
- C. Sheep shown in this class must be owned by the 4-H member or another 4-H member, must be entered in the Sheep Division, and must be conditioned, fitted and trained at halter.
- D. Entrants must furnish their own clothing or costume. Each outer garment piece must be made of 80% wool, exclusive of accessories, shirts or blouses. Entrants should select clothing or costume which will be attractive and enhance the class. Wool outfits may be ready made or constructed garments.
- E. A form to complete for a short resume of background and activities of the contestant and a description of the contestant's costume will be emailed to participants following the pre-entry deadline.
- F. Basis of judging will include the following:
 - 1. Attractiveness, costume, poise, artistry and originality of decoration.....60%
 - 2. Control & presentation of the lamb.....40%
- G. Division Champion and Reserve Champion may be designated by the judge from all entries.

Classes:

- 1400 - Shepherd (14 and older)
- 1401 - Shepherd (10 to 13-year old)
- 1402 - Shepherd (7 to 9-year old)
- Division Champion Shepherd Class

Judging Time: Tuesday - 10:00 a.m.
(Conference Method optional)

Division Rules:

- A. Exhibits in this division are open to educational displays, promotional posters, notebooks, and experiential displays. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. Educational displays must be a standard tri-fold board only, unless there is a topper that sits on the top of the board and does not take up additional table space. No additional table space is available for brochures or display items.
- C. Maximum exhibit size is 4' x 6'. Larger exhibits will be disqualified.
- D. Meeting with the judge for conference-style judging is optional. Sign-up instructions will be provided to you ahead of the fair if you would like to conference with the judge.
- E. Exhibitors must comply with State and Federal laws and fair management policies. No "live" ammunition containing propellant or explosive powders may be used in any exhibit. An inert substitution must be used in place of powder and "live" ammunition. The substitution must be clearly described on the back of the poster or display or in the notebook.
- F. Exhibits will not be accepted if they are related to reloads.
- G. Name, county, age, and year in project should be on the front of the exhibit.
- H. The Shooting Sports Division Champion and Reserve Champion may be designated by the judge from all entries.

Classes:

- *6200 - Educational Display - must be directly related to the 4-H Shooting Sports Project (standard tri-fold boards only, no larger than 3' x 4')
- *6201 - Promotional Poster - must promote 4-H Shooting Sports (flat poster no larger than 22" x 30")
- *6202 - Notebook (standard size 3-ring binder, no larger than 8½ x 11") – contents pertain to some phase, results, story, or information about 4-H Shooting Sports
- *6203 - Shooting Aid or Accessory – any item the 4-H member makes which helps the shooter/hunter better perform their sport, examples include rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. (include design or plans you adapted and description of what the item is used for)
- *6204 - Storage Case – any item the 4-H member makes with the purpose to safely hold a firearm, bow, ammunition, and/or arrows, examples include soft sided shotgun case, quivers, firearm safe (include design or plans you adapted and description of how the storage case is used)
- *6205 - 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 of the game; explain how you came up with the game or adapted it to fit the needs of your group members)

Judging Time: Monday - July 13

-Shopping in Style and Fashion Revue Classes will be judged by conference method as scheduled starting at 1:00 p.m.

Division Rules:

A. Fashion Revue outfits and Shopping in Style exhibits will be on display at the Geary County Free Fair. Members MUST HAVE outfits and exhibits displayed at the fair to collect ribbons and premium money. Bring items to Fair Set-up or Foods/ Photography Judging. Please bring clothing on swivel hangers for ease of display.

Fashion Revue Rules:

A. Fashion Revue is open to any 4-H member enrolled in Sewing & Textile Design, Shopping in Style, and/or Fiber Arts.

B. After the pre-entry deadline, you will be sent a schedule indicating when you are to model.

C. Articles, garments, and outfits may have been used or worn, but shall be carefully laundered or cleaned before being exhibited.

D. Bring to judging:

1. Completed Fashion Revue Evaluation Scorecard (one per outfit) with photo attached. Size of photo not to exceed 5" wide and 6" tall.
2. Completed Cost Per Wear Sheets which are required for participants age 10 and up. Cost Per Wear Sheets are optional but recommended for participants age 7 to 9. Make sure to use current Cost Per Wear form.

E. Identification labels are required.

1. Type or print on a clothing label or a 3" x 2½" piece of cloth: 4-H Member's Name, Class Number, and County
2. Sew or safety pin (no straight pins) labels on inside of garment (back of neck, center back of waistband, or left end of apron band) before bringing to fair for display. Label each piece.

F. Members in constructed fashion revue classes may model 4 garments. Members in purchased fashion revue classes may model 2 garments.

G. Constructed Fashion Revue garments that are being modeled must also be exhibited in consultation judging with sewing & textile design judges.

H. PURCHASED FASHION REVUE - Majority of outfit must be purchased (not borrowed) during the current 4-H year and modeled by the 4-H member or made by another individual for the 4-H member if the fabric and pattern were chosen by the 4-H member. Everything which is commonly considered an outer garment must be purchased by the 4-H member or constructed by another person (vest, jacket, dress, skirt, pants, coat, etc.).

I. CONSTRUCTED FASHION REVUE – *Entire outfit may be constructed or if the exhibitor constructed an item only (a shirt, a pair of pants, a skirt, etc.), they may still model the item in this division with a purchased item to complete the outfit. This must be disclosed on the Fashion Revue Scorecard and Cost Per Wear Form.*

J. Members are expected to be present at judging. If a situation occurs beyond your control that would prevent you from being at judging, contact the Extension Office for other options.

K. Contestants should use good sense in choosing items that are appropriate to be modeled publicly.

L. Participant may model only what can be worn. Garments cannot be carried and all accessories must be wearable.

M. Fully descriptive script for garments must be turned in before leaving the day of Fashion Revue judging for Public Revue. Script must be complete and not need editing. Assistance in writing script will be available.

N. In consideration of length of the Public Revue, each 4-H member will be allowed to model only two outfits total (this can be two constructed garments, two purchased garments, or one of each).

O. The Fashion Revue Champions and Reserve Champions may be designated by the judges for Junior, Intermediate and Senior in the areas of Construction, Boys Purchased Garments, and Girls Purchased Garments.

P. Geary County State Fair Representatives will be the following: Purchased Garments Division Champions in 14 and older (Senior) classes and 10-13 (Intermediate) classes; Constructed Garments Division Champion and Reserve Champion in 14 and older (Senior) classes and 10-13 (Intermediate) classes. If those designated cannot attend, the judges will have named “State Fair Designates” who will then represent Geary County.

Fashion Revue Classes:

Constructed Garments Fashion Revue

- 6008 - Constructed Fashion Revue 7 to 9-year old
- 6005 - Constructed Fashion Revue 10 to 13-year old
- 6000 - Constructed Fashion Revue 14 and older

Girls Purchased Garments Fashion Revue

- 6030 - 7 to 9-year old Jr. Girls Purchased Fashion Revue
- 6020 - 10 to 13-year old Intermediate Girls Purchased Fashion Revue
- 6010 - 14 and older Sr. Girls Purchased Fashion Revue

Boys Purchased Garments Fashion Revue

- 6060 - 7 to 9-year old Jr. Boys Purchased Fashion Revue
- 6050 - 10 to 13-year old Intermediate Boys Purchased Fashion Revue
- 6040 - 14 and older Sr. Boys Purchased Fashion Revue

Shopping in Style Rules:

A. See display and poster guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.

B. Each year in Shopping in Style should build on previous year’s learning experience.

C. May enter a maximum of 2 exhibits in Shopping in Style. Each exhibit must be a different exhibit option.

D. Photos of 4-H member in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles and lighting to highlight details so that the judge may accurately evaluate the exhibit.

E. Exhibits should include actual photos of 4-H member in garments. May also include pictures from magazines or the internet.

F. Shopping in Style Champion and Reserve Champion may be designated by the judge(s) from Class Champions and Reserve Class Champions.

Shopping in Style Classes:

*4020 - Junior (ages 7-9)

Exhibit should consist of a poster that showcases one of the following about a garment you have purchased:

1. Explain how the garment reflects your personal style and how it influences what others think of you.
2. Explain how your personal style either aligns or contradicts what is considered to be “in style” today.
3. Explain or illustrate how the garment is a modern version of a fad or fashion from an earlier decade.
4. Explain how the garment reflects a different ethnic or cultural influence.
5. Include a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

***4021 - Intermediate (ages 10-13)**

Exhibit should consist of a display that showcases one of the following:

1. 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. Explain why the clothing item was not being worn and what you did to transform it into a wearable garment again.
2. A top and bottom that you purchased, as well as at least 3 pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Include a clothing inventory and explain what you have learned by completing this activity.
3. For an outfit you purchased, explain why you selected the garment you did, your shopping budget, and cost per wear.
4. For an outfit you purchased, explain how advertising influences clothing purchases, making a distinction between wants and needs. Include your shopping budget and cost per wear.
5. For an outfit you purchased, provide a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include variety of shopping options and/or price tracking at stores over a period of time.

***4022 - Senior (ages 14-18)**

Exhibit should consist of a display that showcases one of the following about an outfit you have purchased:

1. 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.
2. Repairs or alterations. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments.
3. Plans and commentary for a fashion show that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget, and logistics for the fashion show.
4. Explain 3 methods of clothing repair that you have learned (such as torn seam, torn hem, replacing a button, etc.). Display should also include photos and list of your assembled clothing first aid kit. Include itemized expenses.
5. Feature any other completed activity from the Shopping in Style curriculum of your choosing that isn't listed above.

Judging Time: Tuesday - 11:30 a.m.
(Conference Method)

Small Engines Rules:

A. *As exhibitors prepare their exhibits, appropriate personal protection equipment (PPE) is required.*

B. *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.*

C. See display and poster guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.

D. All small engines exhibits should involve engines smaller than 25 horsepower.

E. Engines should have no fuel in tank or carburetor.

F. Items that have been in use should be cleaned for exhibit.

G. Each Small Engines exhibit must include a "4-H Small Engines Information Form". The form must be attached to the outside of a 10" x 13" manila envelope. For notebooks, displays, and posters, no additional exhibit information or envelope is required.

H. A sheet of operating instructions must be furnished in the envelope for any exhibit not self-explanatory.

I. For classes 4610 and 4611, no complete engines, lawn tractors, tillers, or chainsaws are permitted. *Items may not extend beyond 24" from the back of the display board.*

J. *If a safety violation is noted by the judge, superintendent, or staff, the exhibit may receive reduced ribbon placement or be disqualified at the judge's discretion.*

K. The Small Engines Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Small Engines Classes:

- *4610 - Display - Exhibit a display, selecting one of the following options:
- 1) identifying different engine or lawn and garden equipment parts or showing the function of the various engine or lawn and garden equipment parts
 - 2) identifying and explaining the function(s) of different special tools needed for small engine *repair or maintenance*
 - 3) illustrating and providing the results of any one of the experiments that are included in the project books
- *4611 - Maintenance - Exhibit a display that illustrates either:
- 1) routine maintenance procedures
 - 2) diagnosing and troubleshooting specific problems in an engine
- *4612 - Operation - Exhibit an operable small engine (no more than 25 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.

Market Hog Weigh-in: Tuesday - 7:30-9:30 a.m.
Judging Time: Wednesday - 7:00 p.m.

Division Rules:

A. Be sure to read the general rules, livestock rules, livestock health rules, and auction guidelines at the front of this book.

Breeding Swine Rules:

- A. Members may exhibit two breeding gilts per class, not to exceed five breeding gilts in total.
- B. Breeding gilts must have been born after January 1 of the current year.
- C. Breeding Swine Division Champion and Reserve Champion may be designated by the judge from Breed Champions and Reserve Champions in classes.

Breeding Swine Classes:

- 1500 - Purebred Gilt Class
- 1501 - Commercial Gilt Class
- Division Champion Breeding Swine Class

Market Swine Rules:

- A. MARKET SWINE MUST WEIGH AT LEAST 220 POUNDS AT FAIR WEIGH-IN TO SELL AT THE FAIR AND TO SHOW FOR CHAMPION.
- B. Each member enrolled may exhibit two market barrows or market gilts per breed, not to exceed five market swine in total.
- C. All market swine must be tagged by *May 22*.
- D. Weight breaks and classes to be used will be determined following fair weigh-in. Additional classes will be added as needed separated on weight breaks. Must have three market swine of one breed to create a purebred class.
- E. All market swine not meeting the weight requirement of 220 pounds will show in the Lightweight Market Swine Class, regardless of breed.
- F. Barrows must be physical castrates.
- G. Market Swine Champion and Reserve Champion may be designated by the judge from Breed Champions and Reserve Champions in Purebred Market Swine Classes (if added), All Other Purebred Market Swine Class, and Crossbred Market Swine Class.

Market Swine Classes:

- 1520 - Purebred Class
- 1521 - Crossbred Class
- Champion Crossbred Market Swine Class
- Division Champion Market Swine Class (*top 5 animals will be ranked*)

Swine Showmanship Rules:

- A. 4-H member must show their own animal.
- B. Class Champions and Reserve Champions from classes 1550-1552 will compete to determine Swine Showmanship Champion and Reserve Champion who will move on to the Round Robin Contest. Showmanship ribbons will be awarded.

Swine Showmanship Classes:

- 1550 - Swine Showmanship (14 & older)
- 1551 - Swine Showmanship (10 to 13-year old)
- 1552 - Swine Showmanship (7 to 9-year old)
- Champion Swine Showmanship Class (*top 5 in showmanship will be ranked*)

Rate of Gain Contest Rules:

- A. Open to any 4-H member enrolled in the market swine project who is a member of a Geary County Community 4-H Club.
- B. Hog must be weighed at official county weigh-in (beginning weight) and at the fair weigh-in (ending weight).
- C. Hogs must be exhibited at the fair to be eligible.
- D. Winner will be announced during the swine show.
- E. Name, ADG, and year will be engraved on a plaque kept in the trophy case at the 4-H Building.

Judging Time: Tuesday - 11:30 a.m.
(Conference Method)

Uncrewed Aircraft Systems Rules:

- A. Uncrewed Aircraft Systems (UAS) Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.
- B. All exhibits must have been completed during the current 4-H year.
- C. Each member may enter two exhibits per class.
- D. The information that accompanies the UAS must be limited to the 4-H UAS Exhibit Information Form for the current year which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the UAS.
- E. UAS exhibits designed and constructed by exhibitor must not be mere modification of an existing kit or plan. UAS's purchased off the shelf may not be exhibited in these classes.
- F. If modifications are made to exhibits built from a kit, a page should be included in the envelope noting those modifications.
- G. For practical application classes, the UAS is not required to be displayed as part of the exhibit, only the supporting material *illustrating the application*.
- H. Practical application class entries include one or more of the following: video, notebook, poster, display board, etc. These classes are separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many non-agricultural UAS uses that would be appropriate for this class.
- I. Uncrewed Aircraft Systems that include or depict weaponry of any kind will be disqualified.
- J. Exhibitor's name, county, age, and years in project must be tagged or labeled on the exhibit.

Uncrewed Aircraft Systems Classes:

- 7 to 8-year old exhibitors
- 5703 - Uncrewed Aircraft System designed and constructed by exhibitor that is operated by a remote-control device.
- 5704 - Practical application of an Uncrewed Aircraft System constructed from a commercial (purchased) kit.
- 9 to 13-year old exhibitors
- *5701 - Uncrewed Aircraft System designed and constructed by exhibitor that is operated by a remote-control device.
- *5702 - Practical application of an Uncrewed Aircraft System constructed from a commercial (purchased) kit.
- 14 and older exhibitors
- *5706 - Uncrewed Aircraft System designed and constructed by exhibitor that is operated by a remote-control device.
- *5707 - Practical application of an Uncrewed Aircraft System constructed from a commercial (purchased) kit.

Educational Exhibit Rules:

- A. Educational displays and posters should be creative and showcase something specific you have learned in the project during the current 4-H year. Exhibits must show a clear link to the Engineering and Technology area of Uncrewed Aircraft Systems. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Exhibits must contain substantial supporting educational materials. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. Project notebooks must be organized in a 3-ring binder.
- C. Displays, Notebooks, and Posters do not need an Exhibit Information Form included.
- D. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.
- E. Educational displays are not to exceed 4' high x 3' wide x 2' deep. Posters are limited to commercial 3' x 4' tri-fold display boards.
- F. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.

Educational Exhibit Classes:

7 to 8-year old exhibitor

- 5790 - Uncrewed Aircraft System Poster
- 5791 - Uncrewed Aircraft System Display
- 5792 - Uncrewed Aircraft System Notebook

9 to 13-year old exhibitor

- *5781 - Uncrewed Aircraft System Poster
- *5782 - Uncrewed Aircraft System Display
- *5783 - Uncrewed Aircraft System Notebook

14 and older exhibitor

- *5786 - Uncrewed Aircraft System Poster
- *5787 - Uncrewed Aircraft System Display
- *5788 - Uncrewed Aircraft System Notebook

Judging Time: Tuesday - 9:30 a.m.
(Conference Method optional)

Veterinary Science Rules:

- A. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.
- B. 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.
- C. Posters may be either vertical or horizontal. *Trifolds and framed posters will not be accepted in the poster class.*
- D. Displays may include, but are not limited to, a 3-dimensional exhibit, a scale model, or the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites). *All displays need to be on 3' x 4' trifold board or in a 3-ring binder. Smaller boards will not be accepted.*
- E. *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' x 3' x 3'.*
- F. Name, county, age, and year in project should be on the front of the poster, display, notebook, or diorama.

G. 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, and a topic of the exhibitor's choosing related to veterinary medicine or veterinary science.

H. 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 disqualification.

I. Meeting with the judge for conference-style judging is optional. Sign-up instructions will be provided to you ahead of the fair if you would like to conference with the judge.

J. Veterinary Science Champion and Reserve Champion may be designated by the judge from all exhibits.

Veterinary Science Classes:

- *7000 - 4-H Veterinary Science Notebook
- *7001 - 4-H Veterinary Science Poster
- *7002 - 4-H Veterinary Science Project Display
- *7003 - 4-H Veterinary Science Diorama

Judging Time: Tuesday - 8:30 a.m.
(Conference Method)

Division Rules:

- A. Junior age is 7-11 and Senior age is 12 and older.
- B. Members may exhibit 4 entries per class with a maximum of 8 total entries.
- C. All exhibits which need to be hung should have a wire or saw tooth hanger attached (no string or tape) in order to be properly displayed. This will not affect ribbon placing. State Fair requires a wire hanger for all two-dimensional art.
- D. Multi-piece items should be marked accordingly.
- E. If a photo, sketch, or other idea source was used, submit it with your entry.
- F. Projects with "fractal burning" are not allowed. (Example – electrical burning to wood to make black linework on artwork.)

G. Class Champion and Class Reserve Champion may be given in each class. Class Champions and Class Reserve Champions from each class will be judged for a Division Champion and Division Reserve Champion in both the Junior and Senior age groups.

H. *One exhibit in each category (fine arts, clay and ceramics, leather and jewelry, three dimensional, and general crafts) may be selected to advance to state fair. State fair entries must be of original design created by the exhibitor. These exhibits will be judged and awarded ribbons. A member may only exhibit one visual arts item at the state fair.

Fine Art Classes:

Oil, chalk, charcoal, dyes, pastels, pencil, ink, acrylic, or watercolor on canvas, canvas board, paper, wood, metal, or textiles, framed as a picture, prepared for hanging. Stretched canvas art on a wooden frame is considered prepared for hanging provided the frame has a hanger.

4511 - Jr. Fine Art

4501 - Sr. Fine Art

Clay and Ceramics Classes:

Any original item made of clay; may be fired or unfired, hand formed, or thrown on a wheel. Self-hardening, fire/oven cured, and/or cornstarch clays are acceptable. Items can include, but are not limited to, clay statues, bowls, etc.

4512 - Jr. Clay and Ceramics

4502 - Sr. Clay and Ceramics

Leather and Jewelry Classes:

Any leather stamping, carving, tooling, lacing, or stitching piece or any jewelry piece made from any medium are acceptable exhibits.

4513 - Jr. Leather and Jewelry

4503 - Sr. Leather and Jewelry

Three Dimensional Classes:

The exhibit must be observable on at least three sides and should be either free-standing or prepared to be hung. Craft and pre-formed or assembled projects are not acceptable in these classes.

4514 - Jr. Three Dimensional

4504 - Sr. Three Dimensional

General Crafts Classes:

This category incorporates miscellaneous pieces that do not correspond to the four, above-mentioned categories.

4515 - Jr. General Crafts

4505 - Sr. General Crafts

Judging Time: Tuesday - 9:30 a.m.
(Conference Method optional)

Division Rules:

A. Each member enrolled may have one entry in each class.

B. Name, county, age and year in project should be on the exhibit.

C. Care should be taken to select durable materials that will withstand fair conditions.

D. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.

E. Maximum exhibit size is 4' x 6'.

F. Exhibitors must comply with State and Federal laws and 4-H Shooting Sports standards. 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.

G. Exhibitors are responsible for following all laws, rules, and regulations related to harvesting animals, and when licenses, tags, etc. are required, to include those and/or the required information with the exhibit. Please reference hunting and furbearer laws for Kansas.

H. Exhibits must not display, describe, or depict firearms or firearm components that are not allowed by 4-H Shooting Sports. No live ammunition may be used. Exhibits related to reloads are not allowed.

I. Meeting with the judge for conference-style judging is optional. Sign-up instructions will be provided to you ahead of the fair if you would like to conference with the judge.

J. The Wildlife Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Classes:

*5400 - Wildlife Notebook - notebook contents should pertain to some phase, results, story or information about the wildlife project (no larger than 8½ x 11")

*5401 - Promotional Poster - must be related to something learned in the wildlife project (flat poster board or foam board no larger than 22" x 30")

- *5402 - Educational Display - must be directly related to the wildlife project (maximum tri-fold size is 3' x 4' unless there is a topper that sits on top of the board and does not take up additional table space, no table space available for promotional brochures or display items)
- *5403 - Fish Harvesting Equipment - Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items. Include in exhibit the following information: the purpose of each item, when or where each item is used.
- *5404 - Build a Fishing Rod - Exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board. Include with exhibit: explanation of cost of materials/components and number of hours required for construction. Label all parts. Necessary components which must be included are grip, line guides (based on manufacturer's specifications), guide wraps (size A to D), and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Thread can be nylon or silk. Exhibit will be judged on workmanship, labeling of parts, information, and neatness.
- *5405 - Casting Target - Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes 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.
- *5406 - 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 displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed with the purpose of each item, when or where it is used and personal experiences with the item.
- *5407 - 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, the results of testing your prototype, and any adjustments you made.
- *5408 - 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. Include the animal's name and the following: information about the exhibitor's personal field experiences, study, OR observations that relate to the exhibit.
- *5409 - 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.
- *5410 - 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.
- *5411 - Wildlife Knowledge Check - Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Maximum size 24 x 24 inches.
- *5412 - Houses - Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. 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.
- *5413 - Feeders/Waterers - Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Include the following information: 1) the kind of animal(s) for which the waterer/feeder is intended, 2) where and how the waterer/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences.

Judging Time: Tuesday - 1:00 p.m.
(Conference Method)

Division Rules:

A. Members may enter four articles. These may be in any one class or in a combination of classes but must be in the phase in which they are enrolled.

B. The plan from which the article was constructed must accompany the article exhibited. The plan may be a photocopy, the actual pattern, or a scale drawing and must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Note: A set of step by step instructions is not a plan. Any project with missing or insufficient plans will be lowered one ribbon placing.

C. Projects that have unsecured glass, i.e., glass shelves, glass top of a coffee table, etc. should be brought to the fair without the unsecured glass. Glass that is secured in the project, i.e., glass front of a gun case or cabinet, etc., is permissible since it cannot be easily removed.

D. 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.

E. Projects made from pre-cut kits are not allowed.

F. Projects with “fractal burning” are not allowed. (Example – electrical burning to wood to make black linework.)

G. The use of materials other than wood, *screws, nails, and adhesive* should be kept to a minimum.

H. In judging woodwork articles, consideration will be given to:

1. Workmanship, including accuracy to the plan
2. Design
3. Choice of wood
4. Suitability and quality of finish
5. Usefulness

I. Firearms and weapons are not to be entered or exhibited in the 4-H department at the fair.

J. During construction of exhibits, personal protective equipment (PPE) is to be worn by those in the workspace.

K. The Woodwork Division Champion and Reserve Champion may be designated by the judge from Class Champions and Reserve Class Champions.

Beginning (7 to 8-year old) Classes:

- 4730 - Article for farm or shop use
- 4731 - Furniture for household or lawn use
- 4732 - Other woodwork

Intermediate (9 to 11-year old) Classes:

- *4720 - Article for farm or shop use
- *4721 - Furniture for household or lawn use
- *4722 - Other woodwork

Advanced (12 to 14-year old) Classes:

- *4710 - Article for farm or shop use
- *4711 - Furniture for household or lawn use
- *4712 - Other woodwork

Senior Advanced (15 and older) Classes:

- *4700 - Article for farm or shop use
- *4701 - Furniture for household or lawn use
- *4702 - Other woodwork

Educational Exhibit Rules:

- A. Open to all woodworking members.
- B. See poster and display guidelines on Pages 16-17 and copyright/trademark guidelines in letter M. on Page 10.

Education Exhibit Class:

- 4740 - Educational exhibit - poster, notebook, or display

