

# 2024 Edwards County 4-H Fair Book

**\*\*\*ATTENTION! Please Read Closely\*\*\***

***The following rules apply to ALL 4-H Project Entries!***

## 4-H General Regulations

1. The right to interpret rules in the best interest of 4-H work is reserved for the Extension Executive Board, whose decision shall be final.
2. **Fair Pre-entries are due by Wednesday, June 12 through the Fair Entry program. Pre-entries are required for all 4-H Exhibits for the 2024 Edwards County Fair.** This includes all livestock and non-livestock. *(If you are unsure what you want to take to the Fair, enter anything and everything that you might possibly take.)*
3. Classes will be divided into three age groups. 4-H age will be determined by the age of the 4-H'er on January 1 of the current year. The age groups shall be: Jr. – 4-H members 7-9 years of age; Intermediate – 4-H members 10-13 years of age; Senior – 4-H members 14-18 years of age.
4. All exhibits must be the handiwork of the exhibitor and the results of the current club year's work unless otherwise stated within the specific project.
5. 4-H members may display exhibits only in classes pertaining to the projects in which they are currently enrolled.
6. All classes may have unlimited entries per class unless the Division rules state otherwise.
7. All 4-H livestock entries are to be pre-entered with the Extension Office by the date set by the Extension Office. Pens and stalls will be designated.
8. See General Health Requirements Section. **All animals will be inspected in the trailer BEFORE unloading at the Fair.**
9. 4-H'ERS MAY NOT EXHIBIT MORE THAN TWO ANIMALS IN ANY ONE CLASS except Dog and Horse (only 1 animal per class).
10. A separate entry tag must be attached to each exhibit upon entry, other than livestock. No premiums will be paid without an entry tag. Entry tags are available from your 4-H community club leader or at the Extension Office.
11. All exhibits must be in place according to the Edwards County Fair schedule. Exhibits not entered and in place according to the schedule will not be ribbon rated or paid premium money.
12. All 4-H exhibits will be judged consultatively with 4-H members present. Parental assistance during this process is not allowed.
13. Placing possibilities in each class are: Purple, Blue, Red, and White based on quality of work and the decision of the judge. Only ONE Grand Champion and ONE Reserve Grand Champion will be awarded per Division at the discretion of the judge if quality merits, unless stated otherwise.
14. Animals, articles, or products not listed in the premium book will be ineligible to compete for prizes.
15. Superintendents will have full charge of their division. Superintendents will enforce rules of the Division. Failure to follow the rules and regulations could result in disqualifications. Any complaints should be taken to the superintendents. The Edwards County Fair Board and Extension Agents will take final action on complaints. Remember: when exhibiting, you are asking for the judge's opinion. The judge has the final decision. Anyone (parent, grandparent, sibling, etc.) who verbally harasses the judge will cause the 4-H'er to lose all premiums and awards prior to this act. The 4-H'er will be disqualified from the remaining show. There will be no exception to this rule.
16. All exhibits will be released by respective superintendents according to the Fair schedule.
17. Exhibits that qualify for entry at the Kansas State Fair will be designated by a purple ribbon placing. EXCEPTION: Visual Arts, Fine Arts, Beef, Goats, Swine, Sheep and Horses. Those guidelines are set by the State 4-H Office.
18. 4-H'ers must be 9 – 18 years of age by Jan 1<sup>st</sup> of the current year to be eligible to participate at the Kansas State Fair.
19. No special prizes will be solicited or awarded in any division unless authorized by the Edwards County Fair Board.
20. Any unnecessary horseplay on the Fairgrounds will result in the forfeiture of all premium money.
21. All exhibits will be under the care and control of the Edwards County Fair Association. While due care and caution will be exercised for their safekeeping, neither the Association, its officers, directors, agents or employees will be responsible for loss, theft, or damage of personal property on the Fairgrounds.

22. The Edwards County Fair Board reserves the right to remove from the fairgrounds any exhibit, animal, concession, or show that may be falsely entered, or which in any manner may be deemed objectionable, or if in the opinion of the superintendent, the animal is not receiving proper care.
23. The Edwards County Fair Board, 21 Central Extension District, or KSRE 4-H Youth and Development are NOT liable for the loss or damage of any personal property included as part of your exhibit(s).
24. No live ammunition will be allowed to be displayed.
25. The Edwards County Fair Board reserves the sole and absolute right to construct its own rules and regulations and to determine arbitrarily all matters or deference, in regard thereto.
26. Grievance Policy: All grievances must be in writing and accompanied with a \$50 filing fee. The Edwards County Fair Board will act upon a written grievance within 48 hours of filing.
27. The Edwards County Extension Council staff will make every effort to transport the qualified exhibits to the Kansas State Fair. However, due to lack of space, those desiring to exhibit bulky items may need to transport their own exhibits.

## **THANK YOU TO TYREE AG for sponsoring the Fair t-shirts for the 4-H'ers!**

### **Edwards County Fair 4-H Premium System**

Premium money will be paid on the basis of the total points earned by the 4-H member/exhibitor.

Grand Champion	30 points
Reserve Grand Champion	20 points
Purple	10 points
Blue	5 points
Red	3 points
White	1 point

The 4-H Shooting Sports division will not receive points or premium money to preserve the 4-H'ers amateur status.

Premium money will be held until all 4-H family bills are paid (i.e., concession stand, registration fees, etc.) are paid to either Edwards County 4-H Council or the Edwards County Fair Association.

Total points earned on all 4-H exhibits added together will be divided into the total amount of premium money donated for the year to be paid as determined by the Edwards County Fair Board. The resulting answer will determine the amount to be paid per point earned.

EXAMPLE: Assume 1 point = \$.20. 4-H exhibitor received: 2 Blue awards -  $2 \times 5 = 10$  points, 1 Red award –  $1 \times 3 = 3$  points, and 1 White award –  $1 \times 1 = 1$  point. Total premium points 14 points  $\times$  \$.20 = \$2.80.

### **Guidelines for Donated Awards**

1. The Fair Board will allow individuals to donate non-monetary items (such as a belt buckle, chair, platter, etc.) to non-premium divisions/events that are showmanship by nature with the approval of the Board.
2. The donation must be approved by the Fair Board by June 1<sup>st</sup> of the current year.
3. The donation must be presented by the donor or someone designated by the donor.
4. The donation must be presented at the conclusion of the event.
5. Individuals or entities wanting to increase the amount of premium an individual 4-H'er receives from the Premium Auction can do so in one of three ways. They can (1) directly gift to the 4-H'er; (2) donate to the Edwards County Fair Association; or (3) donate to the 4-H Premium Fund. Donations made to the Edwards County Fair Association, become the property of the Fair Association Board of Directors. Individuals or entity representative may request how the donation will be distributed; however, while the Board of Directors will take those wishes into consideration, the Board of Directors reserves the right to distribute those funds in the manner they consider most equitable.

## General Rules of 4-H Livestock Exhibits

1. **Livestock exhibitors must show their own livestock.** Exceptions to this rule may be allowed where the 4-H'er has two livestock entries in one class. Exceptions may also be made at the discretion of the Fair Board.
2. **ATTIRE:** 4-H exhibitors must wear a nice, clean, dress shirt, (polo shirts are acceptable) neatly tucked into a pair of jeans or slacks (without holes or tears). No t-shirts or sleeveless shirts will be allowed in the show ring. No spaghetti straps, no bare midriffs and oversized tank tops. Shirts will be button up and pants will be pulled up; no cracks exposed! These rules will be enforced. No hats will be allowed in the show ring. 4-H horse exhibitors will follow State 4-H Horse Show Rule Book.
3. Parents will not be allowed to assist 4-H'ers in the show ring **UNLESS** safety of 4-H'er is in jeopardy.
4. All market animals (steers/heifers, lambs, hogs, goats, and bucket calves) must be tagged by the specific date.
5. Exhibitors must furnish their own feed, water and equipment for all livestock exhibits.
6. Equipment brought to the fair should be marked.
7. Exhibitors are expected to keep their animals cared for and their pen or stall space clean. Premiums can be withheld for failure to do so.
8. Each animal must be marked with a stall card. These cards may be picked up at the Extension Office prior to the fair or at the Fair Office during the fair.
9. There will be no duplication of a livestock exhibit by a 4-H exhibitor in the Open Class section.
10. Pens & stalls must be cleaned before the superintendent will release livestock projects from the fair. If stalls & pens are not cleaned, premiums will NOT be paid.
11. For livestock of wild nature, the superintendent and/or Extension Agent will decide whether it is reasonably safe to allow the animal to enter the show ring.
12. Rules and regulations for the Fair Horse Show will follow those outlined in the Kansas 4-H Horse Show Rule Book.
13. No artificial coloring will be permitted above the flank. Any product administered internally or used externally to alter the conformation and/or appearance of an animal for exhibition is prohibited. This includes the covering of skin coloring not characteristic of the breed's identity, false tail heads (or use of false hair), the use of any substance to color hair (or wool).
14. Unethical fitting of show animals is not allowed. The exhibit must be the handwork of the exhibitor. Only immediate family members, and/or other 4-H'ers are permitted to assist the exhibitor while at the fair.
15. Grievance Policy: All grievances must be in writing and accompanied with a \$50 filing fee. The Edwards County Fair Board will act upon a written grievance within 48 hours of filing.
16. **STALLING POLICY:**
  - a) For animals not stalled at the Edwards County Fair - - a written request needs to be made before the fair to the Fair Board. (Forms available from the Extension Office.)
  - b) For exhibitors requesting an early release - - an Early Release Form needs to be filled out before the fair, in which 4-H'er, parent and superintendent must sign. The 4-H'er will forfeit any and all premium money on that project. These forms are available from the Extension Office. The 4-H'er is responsible for cleaning stall/space and the superintendent must check them out. If these requirements are not met, ALL premium money will be withheld. (Special consideration can be made for hardship cases at the discretion of the Fair Board).

## General Health Requirements for all Animals

- ✿ A veterinarian will be on hand during livestock check-in to inspect ALL livestock. **All animals will be inspected in the trailer BEFORE unloading.** Animals MUST be free of clinical signs of infectious or contagious diseases, as determined by the examining veterinarian. Animals with lesions, warts, mange, visible mucous, respiratory symptoms, etc., will be determined to be "contagious" by the on-site veterinarian. Any animals deemed "contagious" will be sent home IMMEDIATELY and not allowed to show.
- ✿ It is recommended that all livestock are vaccinated under the direction of a licensed veterinarian.
- ✿ Animals requiring tranquilization will be removed from the Fairgrounds as soon as possible and will not be allowed to show.

## Specific Requirements for:

**CATTLE:** For cattle originating in Kansas, cattle must meet General Health Requirements and be free of any lesions of ringworm, warts, or infested with mange. All cattle showing these signs/symptoms will not be permitted to exhibit.

**SHEEP AND GOATS:** Animals must meet General Health Requirements and be free of any signs of sore mouth and active fungal infection, (ringworm including Club Lamb Fungus). All lambs and goats must be identified with an official Scrapie USDA premise ID tag. Lambs and kids, under 8 weeks of age, accompanying their dams or does, who possess a tag are exempt from identification requirements.

**SWINE:** All swine must meet the General Health Requirements.

**HORSES:** Must be current on vaccinations for Eastern/Western Encephalomyelitis, West Nile Virus, rhinopneumonitis, and influenza. A negative test for equine infectious anemia (Coggins Test) within 12 months prior to the show date.

**POULTRY:** All poultry must meet General Health Requirements. All poultry, except for waterfowl, must show proof that they are pullorum-typhoid free by one of the following:

- Originate from a U.S. Pullorum-Typhoid Clean Flock by an official VS form 9-3.
- Present evidence that entries were purchased from a US Pullorum-Typhoid Clean source.
- Present an official VS form 9-2 for a negative result test conducted within 90 days prior to the fair.
- Test negative at check-in of the county fair when the county has been designated by KDA-DAH for surveillance. Routine surveillance testing will be performed for each county fair a minimum of once every 5 years.

All birds must be free of any evidence of disease.

For birds originating from other States, please contact the Extension Office for KDA Recommended Requirements.

**RABBITS:** All rabbits must meet the General Health Requirements and be free from signs of disease. Rabbits must also have a tattoo for identification.

**DOGS AND CATS:** Free from signs of disease, and current on vaccinations. All dogs and cats, older than 4 months, must have been vaccinated against rabies. Dogs must have also been vaccinated against distemper, hepatitis, leptospirosis, and parvo. Cats must have also been vaccinated against distemper, feline leukemia, calicivirus, viral rhinotracheitis and pneumonitis. Dogs/puppies and cats/kittens must be accompanied by a Health Certificate from a licensed veterinarian.

**ALL OTHER CREATURES, LARGE & SMALL:** Free from signs of disease, and current on vaccinations if needed. Animal must be accompanied by a Health Certificate from a licensed veterinarian.

**IT IS RECOMMENDED:**

1. Any animal going back to the farm following the fair or show should be isolated for at least 30 days.
2. No injection of any corticosteroid compounds should be given within 45 days prior to the Fair if cattle have been vaccinated for IBR and/or BVD.
3. Veterinarians should be paid for their time.
4. Please recognize many contagious diseases in animals can also affect humans. Take precautions, such as frequent hand washing and not eating, etc., when working with livestock, to reduce transmission of such diseases.

**Livestock originating from other states must meet the requirements designated by Kansas Department of Agriculture.**

**4-H Premium Auction**

1. 4-H'ers will be allowed to sell one livestock market animal through the 4-H Premium Auction at the Edwards County Fair.
2. The Grand Champion and Reserve Grand Champion of the 4-H Food Preparation Division will be sold at the 4-H Premium Auction. And any 4-H food item receiving a Purple Ribbon will also be eligible to sell that item in the Premium Auction. A 4-H'er selling one of these food items cannot sell a market livestock animal. The 4-H'er will need to make a new item for the auction and the 4-H'er will receive the sale price of the food item auctioned.
3. Animals sold at the 4-H Premium Auction at the Edwards County Fair must be presented during the auction by the 4-H exhibitor whose name is on the entry of that exhibit. (Animal: market steer, market heifer, market lamb, market pig, meat goat, meat pen chicken, meat pen rabbit.) Exceptions to this rule will be allowed only upon the approval of the Edwards County Fair Board.
4. Sale order will be determined by ribbon placing.
5. Animals or foods not of acceptable quality will not be allowed to sell.
6. A 3% commission will be withheld from all auction sales.
7. Individuals or entities wanting to increase the amount of premium an individual 4-H'er receives from the Premium Auction can do so. They can either make the donation before the Premium Auction or immediately following the auction.

8. 4-H'ers need to turn in a completed 4-H Record Book in order to sell at the Auction. Those not complying will not be able to sell at the auction the following year.
9. Animals must meet minimum weight requirements as determined by the Edwards County Fair Board to sell in the Premium Auction.

### **Guidelines for 4-H Livestock Encampment**

1. Only 4-H members with livestock that need care at the Fair will be eligible for encampment.
2. 4-H Clubs with members eligible for encampment should make arrangements for adult chaperone(s) to stay each night. The chaperones will need to have completed the 4-H Volunteer Screening process.
3. Parents are responsible to notify the adult chaperone from their 4-H club if their 4-H'er will be staying overnight. The Overnight Stay Permissions Slip must be completed by the 4-H'er and their parent and turned into the Fair Office/Extension Office by the date specified on the form.
4. 4-H members participating in the encampment will be expected to obey the decisions of the adult chaperones.
5. Livestock should be left in their stalls after 10:00 p.m.
6. The curfew time will be 12 midnight. All 4-H members should be in their respective areas at this time.
7. 4-H'ers are expected to stay in the livestock area; not playing around the swimming pool, going to the park, going downtown, etc.
8. The city police will be asked to drive through the area periodically throughout the night.
9. Livestock trailers and campers are to be parked in designated areas only.

### **DIVISION – 4-H HERDSMANSHIP**

(All Species)

1. A special herdsmanship contest will award the club excelling in both pen cleanliness and club teamwork during the Edwards County Fair in the following areas: Beef Barn, Sheep/Goat/Swine Barn, and Rabbit/Poultry/Horse Barn.
2. The purpose of the contest is to provide an incentive to keep the livestock bars presentable at all times to the public. All exhibitors are asked to help to keep the livestock barns presentable at all times to the public. Teamwork is encouraged among club members. Everyone's assistance is needed to help make this a fun and fair competition.
3. Each livestock exhibitor in beef, dairy, meat goats, swine, sheep, horse, poultry, and rabbits will be assigned a stall or pen for their animals. These will be assigned during check-in and grouped according to clubs, if possible.
4. The Herdsmanship Contest will run Tuesday (Check-In) through Saturday (Check-Out). Exhibit areas will be judged once a daily. Points will be awarded and totaled daily, with daily club winners announced for each barn.
5. The total points (for each day) will be added together at the end of the Edwards County Fair and the Herdsmanship Traveling Plaque awarded to the winning club with the most points.
6. Judging criteria:
  - a. CLEANLINESS OF ALLEY, STALLS AND PENS
    - i. Bedding adequate, dry, clean and in place;
    - ii. Manure hauled out and deposited in designed areas;
    - iii. Alleyways swept clean, free of dust, sand, wood chips, hay and manure;
    - iv. Watering pans/buckets and drains kept clean;
    - v. Feed boxes and gear stored in proper areas.
  - b. APPEARANCE OF ANIMALS AND STALL CARS
    - i. Animals clean and brushed;
    - ii. Animals securely tied or penned;
    - iii. Readable stall cards and/or club banners;
    - iv. Neatly arranged stall cards or decorations;
    - v. Clean and complete information on stall cards.
7. Scoring will be based upon the following:

Cleanliness of Alley, Stalls and Pens	10 points
Appearance of Animals	10 points
Stall Cards/Club Decorations	<u>5 points</u>
<b>TOTAL POINTS</b>	<b>25 points</b>

## **DIVISION – 4-H LIVESTOCK SHOWMANSHIP**

(Beef, Dairy, Goat, Horse, Sheep, Swine)

1. A 4-H'er may enter 1 animal of each species that they are exhibiting.
2. 4-H member must own the animal(s) the member is showing.
3. Bucket calves will NOT participate in Junior or Intermediate Beef Showmanship Classes.
4. Showmanship contestants will be judged on the following standards:
  - a) Appearance of Animal (grooming, condition, washing & cleanliness, trimming of head, ears, hair/wool, legs, etc.) 25 points
  - b) Showing of the animals in the show pen (control of animal by exhibitor, poise and attitude of exhibitor, skill of showing/ability to stand or move animal as requested by judge, knowledge of animal and project) 60 points
  - c) Appearance of exhibitor (neat, clean, and appropriately dressed following 4-H dress code) 15 points
5. Dress code will be enforced – see General Rules of 4-H Livestock Exhibits.
6. Classes will be listed under each respective division.

## **ANIMAL 4-H PROJECTS**

### **DIVISION – 4-H BEEF**

1. All market steers and heifers must have been born after January 1 of the previous year.
2. Market steer and heifer classes will be split according to weight. All market steers and heifers will be weighed upon entry. Classes will be determined by the superintendent after weigh-in.
3. In Pen of 3 classes, all animals must be halter broke, and cannot include animals entered in breeding classes. These animals must be owned by an individual or a group of family members, and must be maintained at the same livestock facility.
4. Classes may be combined or split at the discretion of the superintendent.
5. Due to bucket calves having their own showcase, they will NOT be allowed to take part in Beef Showmanship.
6. A Grand Champion and Reserve Grand Champion will be chosen for Market Beef and Breeding Beef if quality merits.

#### **Showmanship**

302001	Senior Beef Showmanship
302011	Intermediate Beef Showmanship
302021	Junior Beef Showmanship

#### **Market Beef**

101011	Market Steer
101012	Market Heifer
101013	Commercial Pen of 3
101014	Beef Rate of Gain

#### **Breeding Heifer**

101021	Heifer Calf, calved Jan. 1 <sup>st</sup> or after the current year (not bucket fed)
101023	Early Yearling Heifer, calved between Jan. 1 <sup>st</sup> and June 30 of the previous year
101024	Late Yearling Heifer, calved between July 1 <sup>st</sup> and Dec. 31 <sup>st</sup> of the previous year
101025	Heifer or Cow: calved before Jan. 1 <sup>st</sup> of the previous year
101026	Cow with Calf at side: cannot be shown in any other class. Must be shown at halter.

### **DIVISION – 4-H BUCKET CALF**

1. This project is for youth 7-12 years of age.
2. 1<sup>st</sup> year bucket calves must be born on or after Dec 1<sup>st</sup> of the previous year and before May 1<sup>st</sup> of the current year.
3. 2<sup>nd</sup> year bucket calves must have been shown the previous year as a 1<sup>st</sup> year bucket calf.
4. 4-H members may only show one 1<sup>st</sup> year bucket calf and one 2<sup>nd</sup> year bucket calf (bucket fed feeder).
5. Calf must be a motherless, male or female, dairy or beef type. Only steers and heifers may be shown.
6. They must be fed by bottle or bucket.
7. 1<sup>st</sup> year bucket calves must be weighed and tagged at the Edwards County small animal weigh-in. 2<sup>nd</sup> year bucket calves (bucket fed feeder) must be weighed and tagged at the Edwards County beef weigh-in.

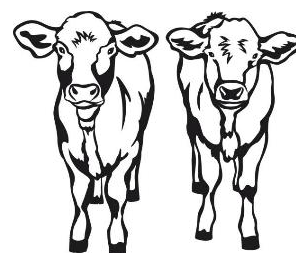
8. 1<sup>st</sup> year bucket calves will not be sold at the livestock Premium Auction. 2<sup>nd</sup> year bucket calves (bucket fed feeders - steers or market heifers) may be sold at the 4-H Premium Auction if they meet the minimum weight requirements as determined by the Edwards County Fair Board.
9. If showing a 2<sup>nd</sup> year bucket calf heifer (bucket fed), members will need to designate if market heifer or breeding heifer and show in the appropriate class. Breeding animals are not sold in the 4-H Premium Auction.
10. Classes will be judged by consultation method based on:
  - A. 50% Knowledge – used to determine what the child has learned about caring for and raising the calf. Questions regarding purchase, management, housing, health, feeding and future plans are considered appropriate and may be expanded for older youth. Knowledge will be based on a written exam given prior to the show, and judge's questions in the show ring.
11. 50% Showmanship – 4-H member will be judged on how well they work with their calf in the show pen. (How well the calf responds to commands, how well the calf has been carried for.) The calf should be washed and dried and may be trimmed. Show sticks are optional. Presentation of the calf is to be done with a rope, nylon, or leather halter. The quality of the calf as a beef or dairy specimen will not be a factor. A Grand Champion and Reserve Grand Champion will be chosen in the 1<sup>st</sup> Year Bucket Calf Division and the 2<sup>nd</sup> Year Bucket Calf Division if quality merits.

#### **1<sup>st</sup> Year Bucket Calf**

- |        |   |
|--------|---|
| 101031 | Member's age 7-9 years old as of Jan. 1 of the current year   |
| 101032 | Member's age 10-12 years old as of Jan. 1 of the current year |

#### **2<sup>nd</sup> Year Bucket Calf**

- |        |   |
|--------|---|
| 101035 | 2 <sup>nd</sup> Year Bucket Calf (Bucket Fed) – Market Steer    |
| 101036 | 2 <sup>nd</sup> Year Bucket Calf (Bucket Fed) – Market Heifer   |
| 101037 | 2 <sup>nd</sup> Year Bucket Calf (Bucket Fed) – Breeding Heifer |



### **DIVISION – 4-H DAIRY**

#### **Showmanship**

- |        |                                |
|--------|--------------------------------|
| 302002 | Senior Dairy Showmanship       |
| 302012 | Intermediate Dairy Showmanship |
| 302022 | Junior Dairy Showmanship       |

#### **Dairy Heifers**

- |        |  |
|--------|--|
| 102011 | Heifer Calf, calved Jan. 1 <sup>st</sup> or after of the current year (not bucket fed)                   |
| 102012 | Early Yearling Heifer, calved between Jan. 1 <sup>st</sup> and June 30 of the previous year              |
| 102014 | Late Yearling Heifer, calved between July 1 <sup>st</sup> and Dec. 31 <sup>st</sup> of the previous year |
| 102015 | Heifer or Cow: calved before Jan. 1 <sup>st</sup> of the previous year; 2 years and older                |
| 102016 | Cow with Calf at side: cannot be shown in any other class. Both must be shown at halter                  |

### **DIVISION – 4-H DAIRY GOATS**

Breeding classes will be females only. Market animals cannot be shown in breeding classes.

#### **Showmanship**

- |        |                                     |
|--------|-------------------------------------|
| 302006 | Senior Dairy Goat Showmanship       |
| 302016 | Intermediate Dairy Goat Showmanship |
| 302026 | Junior Dairy Goat Showmanship       |

#### **Dairy Goats**

- |        |   |
|--------|---|
| 102067 | Junior Doe, birth date from Jan. 1 <sup>st</sup> of the current year to show date |
| 102068 | Junior Doe, Dry Yearling  |
| 102069 | Senior Doe, 2 years old and under, lactating or who has lactated                  |
| 102070 | Senior Doe, 3 years old and over, lactating or who has lactated                   |

### **DIVISION – 4-H DOG**

1. The handler must either own or be caring for the dog.
2. Dogs at the show must be kept on leash at all times except when competing in 'off leash' competition.
3. All dogs must be six months of age or older at the date of show to enter obedience.

4. It will be required to present proof of health immunization at time of registration if not sent beforehand. Anyone not able to present this proof will not be allowed to show.
5. All entries are required to have trained their dog with assistance from the leader and must be currently enrolled in the 4-H Dog Project.
6. The Kansas 4-H Dog Show rule book will be followed.
7. Obedience entries will be worked individually. They will be judged by how well the dog is groomed and by handler's exhibition of the dog. Exhibitors may only show 1 dog per class.
8. Showmanship entries will be judged on fitting of the dog (clean, coat well brushed, condition of coat, healthy appearance, teeth, toenails, and eyes). Handler will be judged on alertness, grace, and ease, coordination with dog and reaction of dog to handler with straight and even gait and movement of dog.
9. Agility classes are divided on ability and height of dog: Small Dog – under 15" at the withers; Medium Dog – 15" – 20" at the withers; Large Dog – over 20" at the withers.
10. Grand Champion and Reserve Grand Champion will be chosen from the Obedience top award winners and must be off leash.

### **Obedience**

- |        |   |
|--------|---|
| 108011 | <u>Sub-Novice A</u> : First-year member with a first-year dog. ( <i>Heel &amp; Figure 8 on leash, Stand for Examination on leash, Recall on leash, Long Sit – 1 minutes, Long Down – 3 minutes</i> )  |
| 108012 | <u>Sub-Novice B</u> – For a first-year dog with an experienced handler or a dog and handler who did not qualify in Sub-Novice last year. ( <i>Heel and Figure 8 on leash, Stand for Examination on leash, Recall on Leash, Long Sit – 1 minutes, Long Down – 3 minutes</i> )  |
| 108013 | <u>Novice</u> – For all 4-H'ers and dog who have qualified in Sub-Novice under two different certified judges the previous year. ( <i>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</i> )   |
| 108014 | <u>Graduate Novice</u> – For all 4-H'ers and dogs who have qualified in Novice under two different certified judges the previous year. ( <i>Heel on leash, Stand for Examination off leash, Heel and Figure 8 off leash, Drop on Recall; Long Sit – member out of sight 3 minutes, Long Down – member out of sight for 5 minutes</i> )              |
| 108015 | <u>Open A</u> – For all 4-H'ers and dogs who have qualified in Graduate Novice under two different certified judges the previous year. ( <i>All Exercises off leash, Heel and Figure 8, Drop on Recall, Retrieve on Flat, Broad Jump, Long Sit – member out of sight for 3 minutes, Long Down – member out of sight for 5 minutes</i> )             |
| 108016 | <u>Open B</u> – For all 4-H'ers and dogs who have qualified in Open A under two different certified judges the previous year. ( <i>All Exercises off leash, Heel and Figure 8, Drop on Recall, Retrieve on Flat, Retrieve Over High Jump, Broad Jump, Long Sit – member out of sight for 3 minutes, Long Down – member out of sight 5 minutes</i> ) |

### **Showmanship**

- |        |                              |
|--------|------------------------------|
| 108021 | Junior Dog Showmanship       |
| 108022 | Intermediate Dog Showmanship |
| 108023 | Senior Dog Showmanship       |

### **Rally**

- |        |                 |
|--------|-----------------|
| 108041 | Rally – Level 1 |
| 108042 | Rally – Level 2 |
| 108043 | Rally – Level 3 |

### **Agility**

- |        |   |
|--------|---|
| 108031 | <u>Beginning Agility</u> – On Leash – For dogs who are still working at Pre-Novice Level. |
|--------|---|



- 108032      Agility 1 – For 4-H members and dogs who have NOT (in previous 4-H year) earned two qualifying scores of 190 points or greater (purple ribbons) in Agility 1 under certified Agility 4-H judges at local, multi-county or state 4-H competitions.
- 108033      Agility 2 – For 4-H members and dogs who in a previous 4-H year have earned two qualifying scores of 190 points or greater (purple ribbons) in Agility 1 under certified Agility 4-H judges at local, multi-county or state 4-H competitions.
- 108034      Agility 3 – For 4-H members and dogs who in a previous 4-H year have earned two qualifying scores of 190 points or greater (purple ribbons) in Agility 2 under certified Agility 4-H judges at local, multi-county or state 4-H competitions.

## **DIVISION – 4-H MEAT GOATS**

1. Market goats must be born after Dec. 1<sup>st</sup> of the previous year.
2. Breeding classes will be females only.
3. Market animals cannot be shown in breeding classes.
4. In Pen of 3 class, all animals must be broke to lead, and cannot include animals entered in breeding classes. The animals must be owned by an individual or a group of family members and must be maintained at the same livestock facility.

### **Showmanship**

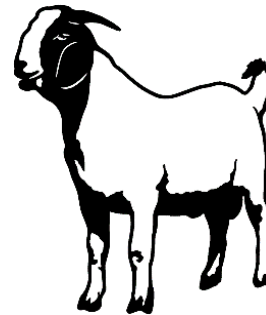
- 302006      Senior Goat Showmanship  
 302016      Intermediate Goat Showmanship  
 302026      Junior Goat Showmanship

### **Meat Goat**

- 102062      Market Meat Goat  
 102063      Pen of 3 Market Goats  
 102064      Rate of Gain

### **Breeding Goats**

- 102065      Breeding Doe – Meat Type



## **DIVISION – 4-H HORSE**

1. Rules and regulations for the Edwards County Fair Horse Show will follow those outlined in the Kansas 4-H Horse Show Rule Book.
2. Horses are shown at the owner's risk.
3. Each horse must be exhibited or ridden by the 4-H owner per the 4-H Horse ID papers.
4. There will be no duplication of a class in the Open Class Section by a 4-H horse and rider.
5. 4-H classes and Open Class classes will run consecutively.
6. Dress code will follow Dress Code rules (pages 5-6) in the Kansas 4-H Horse Show Rule Book.
7. Walk/Trot entrants cannot enter any other performance classed that require a lope or any timed event class.

### **Showmanship**

- 302003      Senior Horse Showmanship  
 302013      Intermediate Horse Showmanship  
 302023      Junior Horse Showmanship

### **Halter**

- 104012      Mares at Halter (all breeds/all ages)  
 104013      Geldings at Halter (all breeds/all ages)

### **Performance**

- 104011      Junior Walk/Trot Western Pleasure  
 104023      Senior Western Pleasure  
 104024      Intermediate Western Pleasure  
 104025      Junior Western Pleasure  
 104027      Junior Walk/Trot Western Horsemanship  
 104028      Senior Western Horsemanship  
 104029      Intermediate Western Horsemanship  
 104030      Junior Western Horsemanship

104031	Senior Trail
104032	Intermediate Trail
104033	Junior Trail
104034	Senior Reining
104035	Intermediate Reining
104036	Junior Reining

#### **Timed Events**

104037	Senior Barrel Racing
104038	Intermediate Barrel Racing
104039	Junior Barrel Racing
104040	Senior Pole Bending
104041	Intermediate Pole Bending
104042	Junior Pole Bending
104043	Senior Flag Race
104044	Intermediate Flag Race
104045	Junior Flag Race
104046	Senior Key Race
104047	Intermediate Key Race
104048	Junior Key Race
104049	Senior Fun Class
104050	Intermediate Fun Class
104051	Junior Fun Class

### **DIVISION – 4-H PET PROJECT**

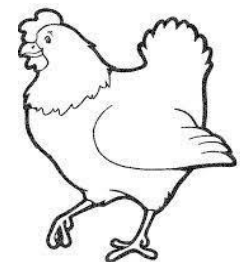
1. Pets must have a health certificate from a licensed veterinarian and proof of vaccinations.
2. Refer to fair schedule for time and location of show.
3. Pets will be judged on: appropriateness of pet, cleanliness of pet, knowledge of pet and care.
4. Pets will not be housed at the fairgrounds or kept overnight.
5. Pets should be in a carrier/cage/tank, or on a leash, whatever is appropriate.

#### **Pets**

150001	Kitten (under 1 year of age)
150002	Cat
150003	Puppy (under 1 year of age)
150004	Dog
150005	Hand Pet
150006	Bird
150007	Aquarium Pet
150008	Reptile or Amphibian
150009	Other

### **DIVISION – 4-H POULTRY**

1. Limit of seven (7) entries per this division; three (3) birds per class.
2. All poultry will be judged according to the breed standards.
3. No bird can be used in more than one class.
4. If poultry originate from a pullorum-typhoid clean or the equivalent flock, 4-H'er needs to present a certificate stating this fact.
5. All exotic birds must be accompanied by a receipt of purchase. All exotic birds must be purchased from a breeder and not obtained from the wild.
6. Young birds are defined as under 1 year from their date of birth (hatch). Old bird is defined as 1 year and older from their date of birth (hatch). Please list date of birth (hatch) on entry form.



7. 4-H'ers need to be present at judging.
8. Each exhibitor is limited to 1 dozen eggs in each egg class. Eggs are to be displayed in an egg carton.
9. 4-H'er may sell 1 animal at the livestock premium auction but animal will no longer be eligible for show.

#### **Showmanship**

- |        |                                  |
|--------|----------------------------------|
| 106001 | Senior Poultry Showmanship       |
| 106002 | Intermediate Poultry Showmanship |
| 106003 | Junior Poultry Showmanship       |

#### **Poultry**

- |        |  |
|--------|--|
| 106011 | Standard Breeds, Large Fowl, one young bird of either sex  |
| 106012 | Standard Breeds, Large Fowl, one old bird of either sex  |
| 106013 | Standard Breeds, Bantams, one young bird of either sex   |
| 106014 | Standard Breeds, Bantams, one old bird of either sex   |
| 106015 | Production Pullets, Pen of 3 ( <i>standard bred, crossbred, or strain cross pullets to be judged on egg production qualities</i> ) |
| 106016 | Production Hens, Pen of 3 ( <i>standard bred, crossbred, or strain cross pullets to be judged on egg qualities</i> )               |
| 106017 | Dual Purpose Pullets, Pen of 3 ( <i>such as Rhode Island Red, New Hampshire, Plymouth Rock, etc.</i> )                             |
| 106018 | Dual Purpose Hens, Pen of 3 ( <i>such as Rhode Island Red, New Hampshire, Plymouth Rock, etc.</i> )                                |
| 106030 | Meat Pen, Pen of 3   |
| 106019 | Turkeys, all breeds, one bird of either sex  |
| 106021 | Ducks, all breeds, one bird of either sex  |
| 106022 | Geese, all breeds, one bird of either sex  |
| 106023 | Exotic Bird, all breeds, one bird of either sex  |
| 106024 | Native Game Bird, one bird of either sex   |
| 106025 | Other Bird, all breeds, one bird of either sex   |

#### **Eggs**

- |        |                  |
|--------|------------------|
| 106091 | Dozen White Eggs |
| 106092 | Dozen Brown Eggs |
| 106093 | Dozen Other Eggs |

### **DIVISION – 4-H RABBITS**

1. A maximum of 18 entries per this division. 4-H'ers will be allowed to house 7 rabbits during the Fair; preferably their highest placing rabbits.
2. Meat exhibits 3 animals per entry; and those animals cannot be entered in any other class.
3. All rabbits must be tattooed.
4. 4-H'ers need to be present during judging.
5. 4-H'ers are responsible for the proper care of their rabbits during the show and while housed at the County Fair. (i.e., fresh water, food, dishes, ice bottles for cooling, etc.)
6. 4-H'er may sell 1 animal at the livestock premium auction but animal will no longer be eligible for show.

#### **Showmanship**

- |        |                                 |
|--------|---------------------------------|
| 107011 | Senior Rabbit Showmanship       |
| 107012 | Intermediate Rabbit Showmanship |
| 107013 | Junior Rabbit Showmanship       |

#### **Rabbit**

- |        |  |
|--------|--|
| 107021 | Jr. Doe – under 6 months of age, list breed                                  |
| 107022 | Doe – 6 to 8 months of age, list breed                                       |
| 107023 | Sr. Doe – 8 months of age and older, list breed                              |
| 107024 | Jr. Buck – under 6 months of age, list breed                                 |
| 107025 | Buck – 6-8 months of age, list breed   |
| 107026 | Sr. Buck – 8 months of age and older, list breed                             |
| 107027 | Meat Pen – all rabbits or one breed, list breed (maximum weight 5 lbs. each) |

**Fur Classes**

107141	Normal White Fur
107142	White Satin Fur
107143	White Rex Fur
107144	Normal Colored Fur
107145	Colored Satin Fur
107146	Colored Rex Fur

**DIVISION – 4-H SHEEP**

1. Market lambs will include both whether and ewe lambs born on or after Dec 1<sup>st</sup> of the previous year.
2. Animals shown as market lambs cannot be shown in breeding classes.
3. Market lamb classes will be split according to weight. All market lambs will be weighed when entered. Classes will be determined by the superintendent after weigh-in.
4. All lambs must be slick shorn with an even length of wool covering above the hock and knee (head excluded). Wool length should not exceed .2 inch.
5. In Pen of 3 class, all animals must be broke to lead, and cannot include animals entered in breeding classes. The animals must be owned by an individual or a group of family members and must be maintained at the same livestock facility.
6. Classes may be combined or split at the discretion of the superintendent.

**Showmanship**

302004	Senior Sheep Showmanship
302014	Intermediate Sheep Showmanship
302024	Junior Sheep Showmanship

**Market Lambs**

105011	Market Lamb
105012	Rate of Gain
105014	Commercial Pen of 3

**Breeding Sheep**

105021	Ewe Lamb – born on or after Sept. 1 <sup>st</sup> of the previous year
105022	Yearling Ewe – born before Sept. 1 <sup>st</sup> of the previous year
105023	Aged Ewe

**DIVISION – 4-H SWINE**

1. Market hogs will include both barrows and gilts born on or after Dec 1<sup>st</sup> of the previous year.
2. Animals shown as market hogs cannot be shown in breeding classes.
3. Market hogs' classes will be split according to weight. All market hogs will be weighed when entered. Classes will be determined by the superintendent after weigh-in.
4. All hogs must be washed and cleaned before they are checked in at the Edwards County Fair.
5. In Pen of 3 class, all animals must be able to be handled, and cannot include animals entered in breeding classes. The animals must be owned by an individual or a group of family members and must be maintained at the same livestock facility.
6. Classes may be combined or split at the discretion of the superintendent.
7. A Grand Champion and Reserve Grand Champion will be chosen for Market Hog and Breeding Gilt if quality merits.

**Showmanship**

302005	Senior Swine Showmanship
302015	Intermediate Swine Showmanship
302025	Junior Swine Showmanship

**Market Hogs**

103011	Market Hog
103012	Rate of Gain
103014	Commercial Pen of 3

### **Breeding Gilts**

103021	January Gilt – born in Jan. of the current year
103022	February Gilt – born in Feb. of the current year
103023	March Gilt – born in Mar. of the current year

## **GENERAL 4-H PROJECTS**

### **DIVISION – 4-H AEROSPACE/ROCKETRY**

#### **Rules for ALL Aerospace/Rocketry Categories**

1. 4-H members must be currently enrolled in the 4-H Aerospace/Rocketry program to exhibit in this division.
2. Each exhibitor may enter any number of rockets constructed during the current 4-H year.
3. If a rocket qualified for the Kansas State Fair, exhibitors should read the State Fair rules for the 4-H Aerospace/Rocketry Division as they may be different from those at the Edwards County Fair.
4. All revisions of all forms previously released for the division either undated or dated prior to the current year, are void for use and new forms must be obtained from <http://rocketry.engtech4ks.com/>. The envelope should contain:
  - a. Instructions on how to construct the rocket.
  - b. Up to 5 pages of picture, pictures are to be attached to sheets of paper, from both construction and launch;
  - c. Documentation of any flight damage that occurred;
  - d. Any modifications made to the rocket except for paint scheme and decals;
  - e. An additional page for altitude calculations if the space on the form is not enough.
  - f. Additionally, for original design rockets, also known as “scratch built” rockets:
    - i. Five additional pages of photos are allowed.
    - ii. Documentation of how the rocket was tested for stability.
5. If a “Burn Ban” is in effect for Edwards County, exhibitors are not required to launch their rocket(s). All requirements for the launching of rockets for the Edwards County Fair (as well as Kansas State Fair) are suspended for the duration of the ban. Rockets are also not to be launched if conditions are too dangerous to safely launch the rocket. However, rockets should be flown if otherwise possible. Just flying the last stage (the part with the nosecone) of a multi-stage rocket is acceptable.
6. If a safety violation is noted by the judges, superintendent, or other Extension staff, the exhibitor’s rocket, at the judges’ discretion, will receive a participation ribbon.
7. 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.

#### **Exhibit Definitions for ALL Rocketry Categories**

1. As defined by the National Association of Rocketry (NAR), a scale model is “any model rocket that is a true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle, that has flown under rocket power.” The intent of scale modeling is, according to the NAR, “is to produce an accurate, flying replica of a real rocket powered vehicle that is judged for craftsmanship in construction, finish, and flight performance.” (<https://www.nar.org/contest-flying/competition-guide/>)
2. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.
3. For the purposes of Kansas 4-H Rocketry/Aerospace, a mid-powered rocket is defined as a rocket that uses an ‘E’, ‘F’, ‘G’, or equivalent engine for launch. In addition, rockets also qualify for mid-power if they meet any of the following criteria:
  - a. Are 2-inches or greater in diameter (not including fins) and taller than 3-feet (36-inches including fins) and do not use an engine(s) exceeding 160.01 Newton-seconds of total impulse (an ‘H’ engine equivalent or above).
  - b. The total impulse of all engines used in the rocket is greater than 20.01 Newton-seconds and less than 160.01 Newton-seconds.
4. For the purposes of Kansas 4-H a high-powered rocket is defined as a rocket that meets any of the following criteria:
  - a. Weighs more than 3.3125 pounds (53 ounces or 1500 grams) at the time of launch;
  - b. Uses a ‘H’ engine or larger to launch;
  - c. The total impulse of all engines used in the rocket is greater than 160.01 Newton-seconds of thrust;
  - d. Includes any airframes parts of ductile-metal, though the use of ductile-metal is strongly discouraged;

- e. Models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g.;
  - i. Average thrust in excess of 80.01 Newtons;
  - ii. Contains in excess of 125 grams of propellant and are limited to only 'H' and 'I' motors;
  - iii. Uses a hybrid motor or a motor designed to emit sparks.
- 5. High-power certification is defined as having successfully completed a certification program for high-powered rocketry through the NAR or Tripoli and maintaining that certification. This applies to all membership levels in the NAR or Tripoli. Specifically, the "Formal Participation Procedure" for the "Junior HPR Level 1 Participation Program" as outlined by the NAR and the "Tripoli Mentoring Program" as outlined by the NAR and the "Tripoli Mentoring Program (TMP)" as outlined by Tripoli.
- 6. NAR safety codes for launching and construction of all rockets are assumed to be used by all 4-H exhibitors and will be considered during judging.
- 7. For the purpose of Kansas 4-H Aerospace/Rocketry, NO rockets may be launched using engines totaling more than an 'I' impulse engine or 640 Newton-seconds of total thrust.

#### **Exhibit Rules for ALL Rocketry Categories**

1. Rockets, except those in the JR Division, are not to be "beginner kits" or use prefabricated (molded plastic) fin assemblies, or pre-finished rockets requiring no painting, these are not acceptable outside the JR Division, and will be disqualified.
2. Rockets entered in the JR Division are not accepted at the Kansas State Fair, due to age restrictions.
3. Angles of fins must fall within a plus or minus 2-degree variation using an approved fin alignment guide (such as KSSTAC 10). An official fin guide is available from <http://rocketry.engtech4ks.com/>.
4. Fins and body tubes, except those in the introductory division, are to be filled and sealed with putty, sanding sealer, and/or primer or other suitable filler to eliminate the appearance of body grooves and wood grain.
5. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
6. Engine mounts are to be securely attached to the body tube.
7. Any seams on plastic parts are to be sanded smooth.
8. The recovery system (typically a parachute or streamer) should be attached according to the instructions.
9. The nosecone is to fit snugly but still allow for easy removal.
10. Exhibits must be uniformly painted and smoothly finished without "runs," "orange peel," or "alligator skin" or finished as per rocket instructions (for example no painting required), and decals, if used are applied smoothly.
11. Models are not judged based on their paint scheme (colors and placement on the rocket), except for rockets that fit the definition of a 'scale model' and are entered in the scale model class. All other rockets do not have to follow the suggested paint scheme, allowing the 4-H'er to display maximum creativity in the finishing of the rocket. Under no circumstance is the weight given to the paint scheme sufficient enough, by itself, to move the non-scale model from one ribbon placing to another.
12. "Scale Models" entered in the scale model class will be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme. "Scale Models" displayed in the scale model class are to be finished and completed with a majority (greater than 70%) of decals. For all other rockets, the use of decals is optional.
13. Exhibitor(s) must be 11 years of age (4-H age) or older to enter an original design rocket. Original design rockets cannot be a modification of a pre-existing kit and must be of original design by the exhibitor. Original design must include detailed instructions, so that someone could construct the original designed rocket just like a kit purchased at store. Instructions can be as many pages as needed to convey full and complete construction techniques.
14. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are strongly encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.
15. Rockets that use more than one 'D' engine or equivalent are consider mid- or high-power rockets in 4-H.
16. Mid- and High-Power exhibitors must be at least 14-years old by January 1<sup>st</sup> of the current year.
17. In addition to the information packet for all rockets, a high-power information form is to be completed and placed inside of the information packet. This may be downloaded at <http://rocketry.engtech4ks.com/>.
18. Exhibitors in the mid- and high-power divisions must hold membership in either NAR or Tripoli organizations.

19. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all mid- and high-power rocketry exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1<sup>st</sup> of the current year.
20. All rockets in the mid- and high-power divisions are to be launched under adult supervision by the 4-H member who constructed the rocket.
21. For rockets launched using an engine(s) that have 160.1 ('H' engine or the equivalent amount of smaller engines) Newtons-seconds or larger, adult supervision must be provided by an individual having at least a Level 1 High Power Certification. The 4-H member should also hold or be attempting to attain their Level 1 High Power Certification if launching on this large of an engine.
22. Exhibitors may create an optional video (not required) about their project and the work they have done. The video should not be longer than 8 minutes and should be placed on a USB drive, micro/SD card drive or, if desired, uploaded to YouTube as an unlisted video and a link to that video included in a file titled "VideoLink" or printed on a separate sheet of paper.

**Junior Division (Ages 7 – 8 years) Not eligible for Kansas State Fair.**

- |        |  |
|--------|--|
| 126011 | Rocket (from a kit) – without pre-assembled fin units, include plans   |
| 126012 | Rocket (from "Beginners Kit") – rockets in this class may have pre-assembled fin units, include plans (This class is for first and second year 4-H members to explore the rocketry project.) |
| 126013 | Scale Model Rocket (from kit) – include plans  |

**Division A (Ages 9 – 13 years)**

- |        |   |
|--------|---|
| 126520 | Rocket (from kit) – include plans             |
| 126537 | Scale Model Rocket (from kit) – include plans |

**Division B (Ages 11 – 13 years) 9 and 10 years old may not enter this class**

- |        |  |
|--------|--|
| 126521 | Rocket Designed by Exhibitor (not merely a modification of existing kit) – include original plans                                      |
| 126538 | Scale Model Rocket Designed by Exhibitor (not merely a modification of an existing kit) – include original plans and stability testing |

**Division C (Ages 14 years and older)**

- |        |   |
|--------|---|
| 126525 | Rocket (from kit) – include plans   |
| 126526 | Rocket Designed by Exhibitor (not merely a modification of existing kit) – include original plans                                     |
| 126539 | Scale Model Rocket (from kit) – include plans   |
| 126540 | Scale Model Rocket Designed by Exhibitor (not merely a modification of an existing kit) – include original plan and stability testing |

**Division D (Ages 11 years and older)**

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

- |        |   |
|--------|---|
| 126530 | Rocket Designed by 2 or More Exhibitors (not merely a modification of an existing kit) – include original plans |
|--------|---|

**Division E (Ages 14 years and older)**

- |        |   |
|--------|---|
| 126536 | Mid- or High-Power Rocket (from kit or original design) |
|--------|---|

**Aerospace/Rocketry Educational Exhibit Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required. No manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to Aerospace/Rocketry. Exhibits that do not clearly show a clear and direct relationship to the project area, will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained and content. An exhibit judging score sheet available at

<http://rocketry.engtech4ks.com/>. For example, a rocket that may have crashed and/or highly damaged may be made into an educational display or poster that tells a great story with many lessons learned.

5. Follow copyright laws, citing all sources of information in a standard information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.
7. "Construction Kits" that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits." Other components are to adhere to appropriate dimensions.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2-inches.
10. Engines and igniters for rockets ARE NOT permitted with the exhibit and constitute immediate disqualification. This is for safety reasons and includes both spent and live engines.
11. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the notebook or "Construction Kit". For educational displays and/or posters, the exhibitor's name, 4-H club, age and year(s) in project must tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
12. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme;
  - b. What you want others to learn;
  - c. Be designed and constructed in a manner befitting the exhibit;
  - d. Be something you are interested in;
  - e. Be related to Astronomy.
13. If a safety violation is noted by judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

#### **Rocketry – Intermediate Educational Division (Ages 9-13)**

125741	Int. Rocketry Educational Display
125742	Int. Rocketry Educational Notebook
125743	Int. Rocketry Educational Poster

#### **Rocketry – Senior Educational Division (Ages 14 and older)**

125746	Sr. Rocketry Educational Display
125747	Sr. Rocketry Educational Notebook
125748	Sr. Rocketry Educational Poster

## **DIVISION – 4-H AG MECHANICS - WELDING**

### **Rules**

1. 4-H member must be currently enrolled in the Kansas 4-H Ag Mechanics (Welding) project to exhibit in this division.
2. Each exhibitor may enter any number of exhibits per class. Exhibits must have been constructed or repaired during the current 4-H year.
3. Wheeled exhibits must utilize a braking mechanism which prevents the exhibit from freely rolling while on display.
4. Exhibitors are responsible for providing sufficient braking or "chocks" for trailer exhibits to ensure that the exhibits do not move once positioned. If using a wheel "chocking" mechanism, the two individual blocks should be connected together as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.
5. For trailer exhibits the tongue of the trailer should have a locking mechanism (e.g. padlock) to prevent the trailer from being moved by unauthorized individuals while being displayed. A key for locking mechanism should be left with the superintendent or Extension Staff and labeled with the exhibitor's name, club name and phone number.
6. For exhibits with a downward swinging part, such as tailgates, that could pose a fall/striking/crushing hazard should have a tamper resistant locking mechanism such as a "zip-tie" or a "cotter-key" through a release pin that would prevent the swinging part from being accidentally released and falling on someone.
7. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total demission's and weight of the exhibit as described previously. Exhibit boards should have a portable and moveable base. No exhibits may be staked to the ground for display.



8. Top heavy items should be braced or placed in a stand sufficient to prevent it from toppling over while on display.
9. Exhibits may not be bound, affixed, attached to the Edwards County Fair buildings, except by a superintendent, Extension staff or Fair Board.
10. Painting or spot painting is not allowed on projects after arrival on fairgrounds. If wet paint is detected by judges or superintendents one ribbon placing will be deducted.
11. Repair projects having adequate original finish need not be repainted.
12. 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.
13. Display cases for small exhibits are acceptable and must be easily opened so the item can be removed and examined as part of judging.
14. 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.
15. Trailers and/or large exhibits will be displayed outside.
16. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and lines should be drained and allowed to dry, to avoid spills and potential fires.
17. Electric powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch.
18. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a deduction in ribbon placement or a participation ribbon.
19. The exhibitor's name(s) and 4-H club must be tagged or labeled in a prominent location on the display.
20. Each exhibit except for display boards, must include an Ag Mechanics Welding information packet. Entry of just a packet without accompanying exhibit is not a sufficient exhibit.
21. Each exhibitor is required to complete the "4-H Ag Mechanics Welding Exhibit Information Form" for each exhibit, except for display boards, which is available through 21 Central Extension District or at <http://welding.engteach4ks.com/>. This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit. All revisions of all forms previously released for the division dated prior to current year are void for use and new forms must be obtained/used that are dated by the State 4-H Office for the current year.
22. Each exhibit information packet should include the following items:
  - a. Bill of materials for the project with associated costs, scrap items used may be listed as having a \$0.00 cost.
  - b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state.
  - c. If appropriate schematics or working drawings relating to the creation or repair, this is not required for display boards.
  - d. If appropriate operating instructions.

#### **Introductory – Level 1 (about 1 – 3 years' experience)**

*This level is designed for youth with little to no exposure in the project area so that they can gain an understanding of basic principles and methods in the given area.*

- |        |  |
|--------|--|
| 125550 | Welding Display Board - a 3' x 3' display board with different piece of metal attached illustrating different types of welds (label each weld)         |
| 125551 | Level 1 Welding Ag Repair - repair of ag equipment with welding  |
| 125552 | Level 1 Welding Ag Fabrication - create new ag equipment with welding  |
| 125553 | Level 1 Welding General Repair - repair of non-ag equipment with welding   |
| 125554 | Level 1 Welding General Fabrication - create new non-ag equipment with welding   |
| 125555 | Level 1 Artistic Fabrication - create artistic or interpretive piece with welding  |
| 125556 | Brazing Repair   |
| 125557 | Brazing Fabrication  |
| 125558 | Smithing Display Board - a 3' x 3' display board with different pieces of forged metal attached illustrating different forms, each from being labeled. |
| 125559 | Level 1 Smithing - a design forged with at least one formed element (i.e. twists or spirals)   |

#### **Experienced – Level 2 (about 4 - 6 years' experience)**

*This level is designed for youth some experience in the project area allowing them to expand on common principles and methods in the given area.*

125560	Level 2 Welding Ag Repair – repair of ag equipment with welding
125561	Level 2 Welding Ag Fabrication – create new ag equipment with welding
125562	Level 2 Welding General Repair – repair of non-ag equipment with welding
125563	Level 2 Welding General Fabrication – create non-ag equipment with welding
125564	Level 2 Welding Artistic Fabrication – create artistic or interpretive pieces with welding
125565	Level 2 Brazing Repair
125566	Level 2 Brazing Fabrication
125567	Level 2 Smithing – a design forged with at least two different formed elements (i.e. twists and spirals)

### **Advanced – Level 3 (about 7 - 9 years' experience)**

*This level is designed for youth with vast experience in the project area allowing them to 50 master common principles and methods and expand on advanced techniques in the given area.*

125570	Level 3 Welding Ag Repair – repair of ag equipment with welding
125571	Level 3 Welding Ag Fabrication – create new ag equipment with welding
125572	Level 3 Welding General Repair – repair non-ag equipment with welding
125573	Level 3 Welding General Fabrication – create non-ag equipment with welding
125574	Level 3 Welding Artistic Fabrication – create artistic or interpretive piece with welding
125575	Level 3 Brazing Repair
125576	Level 3 Brazing Fabrication
125577	Level 3 Smiting – a design forged with at least three different formed elements (i.e. twists, spirals and bulbs)

### **Ag Mechanics (Welding) Educational Exhibit Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required. No manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to Ag Mechanics (Welding). Exhibits that do not clearly show a clear and direct relationship to the project area, will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained and content. An exhibit judging score sheet available at <http://welding.engtech4ks.com/>. For example, an exhibit with weld that did not hold may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.
7. "Construction Kits" that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits." Other components are to adhere to appropriate dimensions.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2-inches.
10. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the notebook or "Construction Kit". For educational displays and/or posters, the exhibitor's name, 4-H club, age and year(s) in project must tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
11. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme;
  - b. What you want others to learn;
  - c. Be designed and constructed in a manner befitting the exhibit;

- d. Be something you are interested in;
  - e. Be related to Astronomy.
12. If a safety violation is noted by judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

#### **Ag Mechanics/Welding Classes – Intermediate Educational Exhibits (Ages 9-13)**

- 125578 Intermediate Ag Mechanics/Welding Educational Display
- 125579 Intermediate Ag Mechanics/Welding Educational Notebook
- 125580 Intermediate Ag Mechanics/Welding Educational Poster

#### **Ag Mechanics/Welding Classes – Senior Educational Exhibits (Ages 14 and older)**

- 125581 Senior Ag Mechanics/Welding Educational Display
- 125582 Senior Ag Mechanics/Welding Educational Notebook
- 125583 Senior Ag Mechanics/Welding Educational Poster

## **DIVISION – 4-H AGRONOMY**

### **Crops**

1. 4-H Member must be enrolled in the 4-H Agronomy Project.
2. Crops must be grown by 4-H member this year.
3. Exhibits should be as mature as possible. Immature grain sorghum heads will not be penalized for immaturity.
4. Name of hybrid or variety must be listed on the entry tag.
5. Each class will be divided into dryland and irrigated production as needed.
6. Place a label on the outside of the jar and a label in the grain inside the jar.
7. All classes calling for a gallon sample may have a 2½ - 3-inch diameter cylinder placed in a glass gallon container to reduce the amount to three quarters.
8. If variety is NOT stated where requested OR samples not tied where requested, ribbon placing will drop one placing.
9. Entries in classes for fall crops that are selected for a state fair entry, may exhibit mature crops at the Kansas State Fair.

### **Crops Classes**

- 110011 Wheat (1 gallon)
- 110012 Barley (1 gallon)
- 110013 Grain Sorghum (5 heads)
- 110014 Forage Sorghum (10 stalks)
- 110015 Corn (10 stalks)
- 110016 Sudan Grass (10 stalks)
- 110017 Rye (1 gallon)
- 110018 Alfalfa (one flake – approximately 6" in thickness and tied with string/twine in 2 directions, or slice from a small square bale, or a 10" section cut from a large bale)
- 110019 Soybeans (bundle of 5 plants)
- 110020 Soybeans (1 gallon thrashed from previous year's crop)
- 110021 Miscellaneous Crop (1 gallon grain or 10 stalks)

### **Wheat Variety Plot Displays**

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

1. 4-H Member must be enrolled in the 4-H Agronomy Project.
2. The display must be planned and prepared by 4-H members enrolled in the wheat variety plot project.
3. Members must include the varieties provided in the display but may include more varieties, if desired.

### **Wheat Variety Plot Class**

- 110022 Wheat Plot Variety Display

## **Weed Control Exhibit**

1. 4-H Member must be enrolled in the 4-H Agronomy Project.
2. Collect, identify, press, mount and label a minimum of 15 weeds. Try to collect their roots, stems, leaves, and flowers. Three of the weeds must be noxious weeds preferably found in Edwards County. A standard 9 x 12-inch scrapbook may be obtained in which to permanently mount your weed specimens. Identify the scrapbook with your name and county on the inside cover.
3. Prepare a list of the weeds mounted, showing common name, scientific name, and where it was found. Place the list in a specially identified section of the scrapbook.
4. Collect and identify weed seeds found in crop seeds. Mount them for display purposes. Place them in a specially identified section of the scrapbook.
5. Write a story on "How We Control Weeds on Our Farm" if you live on a farm. Other members may write "How We Control Weeds at Home". The story should be about 300 words in length. It must show definite methods used to control weeds. Place the story in a specially identified section of the scrapbook.

## **Weed Control Class**

110023                      Weed Control Display

## **DIVISION – 4-H ASTRONOMY**

### **Rules**

1. The 4-H member must be currently enrolled in the 4-H Astronomy project to exhibit in this division.
2. Each exhibitor may enter any number of exhibits per class. Exhibit must have been completed during the current 4-H year.
3. Telescopes entered in this division may be built from a kit or by original design. Pre-finished telescopes, which require no construction or painting are NOT acceptable exhibits.
4. Telescopes are limited to no more than six-feet in length. They must be placed on a stationary stand that does not allow the telescope to roll and/or fall over. The stand cannot extend past two-feet in length or width.
5. Each telescope exhibit must include a "4-H Astronomy Exhibit Information Form," which is available through 21 Central Extension District or at <http://astronomy.engtech4ks.com>. This form must be attached to the outside of a 10" x 13" manila envelope. Do NOT tie the envelope to the exhibit. Forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. You must also include construction plans (or a photocopy) for the telescope and place it inside the manila envelope.
6. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
7. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the telescope.
8. If a safety violation is noted by the judge, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.
9. Additionally, exhibitors may create an optional video (not required) about their project, showing its operation and the work they have done. This allows judges to get better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on a USB drive or micro/SD card drive or, if desired, uploaded to YouTube as an unlisted video and a link to that video included in a file titled "VideoLink" or printed on a separate sheet of paper. These videos do NOT replace consultative judging. Exhibitors are encouraged to talk with the judge.
10. Two photographs, showing telescope construction and operation are required. Photographs should be mounted on one side of an 8½" x 11" page. A brief caption should accompany each photograph. Place photos in the 10" x 13" manila envelope.
11. The telescope must be properly assembled and painted with a smooth and uniform finish.
12. Decals, if used, should be attached smooth and tight.

### **Astronomy Classes**

125500	Telescope (from kit)
125501	Telescope (form original design)

### **Astronomy Educational Exhibit Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required. No manila envelope is needed for these exhibits.

2. Exhibits are to have a clear link to Astronomy. Exhibits that do not clearly show a clear and direct relationship to the project area, will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained and content. An exhibit judging score sheet available at <http://astronomy.engtech4ks.com/>. For example, a telescope that did not work and/or is damaged may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.
7. "Construction Kits" that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits." Other components are to adhere to appropriate dimensions.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2-inches.
10. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the notebook or "Construction Kit". For educational displays and/or posters, the exhibitor's name, 4-H club, age and year(s) in project must tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
11. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme;
  - b. What you want others to learn;
  - c. Be designed and constructed in a manner befitting the exhibit;
  - d. Be something you are interested in;
  - e. Be related to Astronomy.
12. If a safety violation is noted by judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

#### **Astronomy Classes – Intermediate Educational (Ages 9 – 13)**

125731	Intermediate Astronomy Educational Display
125732	Intermediate Astronomy Educational Notebook
125733	Intermediate Astronomy Education Poster

#### **Astronomy Classes – Senior Educational (Ages 14 years and older)**

125736	Senior Astronomy Educational Display
125737	Senior Astronomy Educational Notebook
125738	Senior Astronomy Educational Poster

### **DIVISION – 4-H BOOTHS & BANNERS**

1. Each 4-H Club will be limited to one entry.
2. Each club is required to label its entry with club's name where it is easily seen.
3. Booth size is approximately 8' x 6'.
4. Booths and Banners are NOT eligible for the Kansas State Fair.
5. Banner dimensions are to be no less than 12 and no more than 16 square feet with a minimum of 3 feet on one side.
6. Banners must be made of materials that permit the banner to be folded or rolled without damaging the display. Three dimensional objects should not be attached to the front of the banner.
7. Each entry will be judged on the following basis: Educational Value - 40%; Interest and Originality - 20%; Appearance - 20%; Quality of Display Material – 20%.
8. Clubs not taking care of booths will forfeit prize money.
9. Premiums will be paid: 1<sup>st</sup> - \$20; 2<sup>nd</sup> - \$15; 3<sup>rd</sup> - \$10; 4<sup>th</sup> - \$5.

## **Booths & Banners Classes**

121011	Booths
121012	Banners

## **DIVISION – 4-H BUILDING BLOCK ENGINEERING**

### **Rules**

1. 4-H members must be currently enrolled in the Kansas 4-H Building Block Engineering project to exhibit in this division.
2. Each exhibitor may enter any number of exhibits per class. Exhibits must have been constructed during the current 4-H year.
3. Counties are limited to FOUR exhibits to compete at the Kansas State Fair to insure space for all exhibitors. Therefore, exhibits must be selected at the Edwards County Fair for entry at the Kansas State Fair.
4. Total exhibit dimensions may not exceed 2-feet high by 2-feet wide by 2-feet deep; while the minimum exhibit dimensions must be at least 6-inches wide and 6-inches deep.
5. All exhibits should be placed in a sturdy see-through enclosure with a top, bottom, and 4 sides. A “clear” tub, turned upside down, with the exhibit placed on the lid, would be an acceptable enclosure. It may be desirable to place a cutting board or other hard surface between the lid and base plate of the exhibit to make it sturdier. This is to keep exhibit components from being “scattered about” at the Fair. The outer dimensions of the enclosure DO NOT COUNT towards the total exhibit dimensions but should not be excessive. The entire exhibit should fit in the display enclosure so the enclosure does not smash into the exhibit during movement.
6. All components used in the construction should be dust and hair free, clean, free of chips, scuffs, cracks, or broken blocks.
7. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake.
8. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®.
9. 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.
10. 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. For example, a car hood or front end from a car kit could be used in a “car museum,” just not the entire car. The intent of this is to ensure fairness among exhibitors and encourage maximum creativity instead of just following a set of plans.
11. Dioramas should be suitably complex and have multiple elements, for example, a camp site that has a log cabin, a tree fort, and a car.
12. All dioramas should have a story, which is part of the information pack that describes what is happening in the diorama; this can be as simple (nursery rhyme “Jack and Jill” for example) or complex as needed to explain to someone looking at the exhibit what is happening.
13. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method.
14. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. For example, marry-go-rounds, doors, elevators, gears, marbles going down a channel, flapping wings, animatronics, etc. If included, judges should be able to use them and instructions should be provided for operation either in the story or on a separate page.
15. Artistic designs, for example recreating paintings like the “Mona Lisa” or “Stary Nights” and structures like “David” are not permitted as exhibits and one ribbon placing will be deducted. These exhibits should be displayed in Visual Arts.
16. The exhibitor’s name(s) and 4-H club must be tagged or labeled in a prominent location on the display, additionally the display case should have the exhibitor’s information attached to it as well, as the top of the case may be separated from the display.
17. Each exhibit must include a Building Block Engineering information packet. Entry of either a packet without an accompanying exhibit or an exhibit without a packet is not a sufficient exhibit.

18. Each exhibit is required to complete the “4-H Building Block Engineering Exhibit Information Form” which is available at <http://blocks.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit. All revisions of forms previously released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year.
19. Each exhibit information packet should include the following items:
  - a. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state. Final pictures help in determining where apart might go in case something comes loose.
  - b. If appropriate, operating instructions for mechanical portions of the diorama.
20. Additionally, exhibitors are required to create a video about their project discussing their construction experiences and the architectural elements of the diorama (tell the story of what is happening in their exhibit). This allows judges to get a better understanding of the exhibit and allows you the opportunity to fully explain their exhibit. The video should be no longer than 8 minutes and should be placed on a USB drive or micro/SD card drive or, if desired, uploaded to YouTube as an unlisted video and a link to that video included in a file titled “VideoLink” or printed on a separate sheet of paper.
21. Exhibitors are encouraged to take part in consultative judging, as well as creating the video.

### **Building Block Engineering Classes**

#### **Introductory – Level 1 (about 1 - 3 years of experience)**

125710      Level 1 – Diorama (illustrate at least 2 architectural features beyond floors, ceilings, and walls)

#### **Experienced – Level 2 (about 4 - 6 years of experience)**

125711      Level 2 – Diorama (illustrate at least 4 architectural features beyond floors, ceilings, and walls, as well as 1 or more motion elements)

#### **Advanced – Level 3 (about 7 - 9 years of experience)**

125712      Level 3 – Diorama (illustrate at least 6 architectural features beyond floors, ceilings, and walls, as well as 2 or more motion elements)

#### **Master – Level 4 (10 or more years experience)**

125713      Level 4 – Diorama (illustrate at least 8 architectural features beyond floors, ceilings, and walls, as well as 3 or more motion elements)

### **Building Block Engineering Educational Exhibit Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required. No manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to Astronomy. Exhibits that do not clearly show a clear and direct relationship to the project area, will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained and content. An exhibit judging score sheet available at <http://astronomy.engtech4ks.com/>. For example, a telescope that did not work and/or is damaged may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3’ x 4’ tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.
7. “Construction Kits” that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1’ x 2’ x 2’ and must have a latch which securely keeps all components contained in the “Construction Kits.” Other components are to adhere to appropriate dimensions.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2-inches.



10. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the notebook or "Construction Kit". For educational displays and/or posters, the exhibitor's name, 4-H club, age and year(s) in project must tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
11. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme;
  - b. What you want others to learn;
  - c. Be designed and constructed in a manner befitting the exhibit;
  - d. Be something you are interested in;
  - e. Be related to Astronomy.
12. If a safety violation is noted by judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

#### **Building Block Engineering Classes– Intermediate Educational (Ages 9 – 13)**

125714	Intermediate Building Block Engineering Educational Display
125715	Intermediate Building Block Engineering Educational Notebook
125716	Intermediate Building Block Engineering Education Poster

#### **Building Block Engineering Classes – Senior Educational (Ages 14 years and older)**

125717	Senior Building Block Engineering Educational Display
125718	Senior Building Block Engineering Educational Notebook
125719	Senior Building Block Engineering Educational Poster

### **DIVISION – 4-H CLOVERBUDS**

1. Cloverbuds are enrolled children, 5 & 6 years of age as of Jan 1<sup>st</sup> of the current year.
2. All Cloverbuds will participate in the "consultative" aspect of the Edwards County 4-H Fair, thereby giving each participant the chance to visit with a judge, in their respective field of expertise, about their projects.
3. Cloverbuds will not be judged. They will have a "Show and Tell" session and receive a participation ribbon. This exposes Cloverbud youth to have a similar experience to enrolled 4-H members.
4. Cloverbud entries should be related to activities completed in a 4-H Club, other 4-H activity area, school or home.
5. Cloverbud Entomology Collection is a display in one or two shoe boxes, pencil boxes, cake pan with a clear lid, or one standard display box a minimum of 5 and a maximum of 10 species representing at least 4 orders. The boxes should be covered with a piece of plastic wrap, plexiglass, or other protective covering taped to the top of the box or attached in some manner. Follow the general guidelines listed for collections. Members may exhibit in this class a maximum of 2 years while they are Cloverbuds.
6. Cloverbuds may showcase a pet approved by Extension staff, which include: amphibians, ant farms, cats, dogs, fish, hand pets, birds, and rabbits.
7. Pets cannot be included in overnight exhibits at the Fair but may be used as show-and-tell activity or showcase.

#### **Cloverbuds**

140101	4-H Cloverbud Foods
140102	4-H Cloverbud Visual Arts
140103	4-H Cloverbud Floral Exhibit
140104	4-H Cloverbud Garden Produce
140105	4-H Cloverbud Photography
140106	4-H Cloverbud Geology
111009	4-H Cloverbud Entomology
140108	4-H Cloverbud Forestry
140109	4-H Cloverbud Pet

### **DIVISION – 4-H COMMUNICATIONS (Presentations)**

1. Posters must be on a piece of poster board or foam board not larger than 22" x 28".
2. Displays are to be self-standing with a maximum size of a 3' x 4' tri-fold display board.
3. Notebooks should be a 3-ring binder or scrapbook. Page protectors are encouraged.



4. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.
5. Project exhibits in this division are NOT eligible for the Kansas State Fair.
6. Exhibitors participating in Demonstrations, Illustrated Talks, Public Speaking, Show & Tell and Readings will present their work to the public on Friday afternoon (July 19<sup>th</sup>) of the Edwards County Fair.

#### **Communications Classes**

- |        |  |
|--------|--|
| 123012 | <u>Project Poster</u> (Juniors 7-9 & Intermediates 10-13) - Exhibit a poster showcasing at least two activities from <i>the Express Yourself: Communications</i> 4-H Project Manual series (available at the 21 Central District Extension Kinsley Office) |
| 123015 | <u>Project Display</u> (Seniors 14-18) - Exhibit a display showcasing at least three activities from the <i>Express Yourself: Communications</i> 4-H Project Manual series (available at the 21 Central District Extension Kinsley Office)                 |
| 123016 | Junior Demonstration or Illustrated Talk   |
| 123017 | Intermediate Demonstration or Illustrated Talk   |
| 123018 | Senior Demonstration or Illustrated Talk   |
| 123019 | Junior Project Talk  |
| 123020 | Intermediate Public Speaking   |
| 123021 | Senior Public Speaking   |
| 123022 | Junior Show & Tell (intended for 1 <sup>st</sup> and 2 <sup>nd</sup> year members)   |
| 123023 | Junior Reading   |
| 123024 | Intermediate Reading   |
| 123025 | Senior Reading   |

### **DIVISION – 4-H COMPUTER SCIENCE**

#### **Rules**

1. 4-H members must be currently enrolled in the Kansas 4-H Building Block Engineering project to exhibit in this division.
2. The actual construction of computer hardware (i.e., building a computer, electronic devices with a motherboard-based manipulation) will remain in the Energy Management division.
3. Each exhibitor may enter any number of exhibits per class. Exhibits must have been completed during the current 4-H year and have to be selected at the Edwards County Fair to exhibit at the Kansas State Fair.
4. Exhibitor's name, 4-H club, 4-H age and year(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook and/or poster.
5. If a safety violation is noted by the judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.
6. All exhibits must be:
  - a. Self-contained on a USB drive (thumb drive, flash drive, jump drive or other form of small USB storage device; the rules will use "USB Drive"). This means that a judge can plug in the USB drive into a computer and run the exhibit as described below.
  - b. OR System-On-A-Chip (SOC) (such as Raspberry Pi) or a Micro-Controller (such as Arduino or Ozobot) AND is a compact (less than 8" x 8" x 8") system, which can be programmed AND requires minimal assembly to operate (e.g., connecting power, display, and keyboard/mouse cables). Referred to as a "chip system" through the rest of the rules.
7. Physical computers, such as tablets, smart phones, laptops, or personal computers (PCs) will not be accepted as an exhibit.
8. "Chip Systems" may use/include GPIO bread boards or HATs (Hardware Attached on Top) the size of which is not included in the size of the chip system however, the total size of the chip system and GPIO devices may not exceed 24" x 24" x 24" including any protective enclosures.

9. Any attached GPIO devices are not judged for electrical construction or quality as this division is focused on the operational aspects of the system (the code). Some of these systems, with automation, can also be classified as a Robot, and the exhibitor must decide which division to exhibit in as the exhibit may not be entered in both divisions.
10. For chip systems, all electric components of the system must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for the electrical components.
11. All revisions of all forms previously released for the Computer Science division either undated or dated prior to the current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.
12. For all computer system entries, the following items are required as part of an exhibit packet:
  - a. A manila envelope with the Computer Exhibit Form, which is available through 21 Central Extension District or at <http://computers.engtech4ks.com/>. This form must be attached to the outside of 10" x 13" manila envelope. Do not tie the envelope to the exhibit.
  - b. A USB drive labeled with the 4-H'er's name and 4-H club; in a way that doesn't prevent it from being plugged into a computer.
  - c. Instructions to run any part of the exhibit on the USB drive. (There should be at least 2 items in your manila envelope: USB drive and instructions).
13. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila folder.
  - a. The "4-H Engineer's Journal" should start with a dated entry describing what the 4-H member is trying the accomplish/build.
  - b. The "4-H Engineer's Journal" should conclude with a dated entry describing what the 4-H member achieved in creating. (The start and end many times will be different. The judges are interested in the journey.)
  - c. Additional entries in the "4-H Engineer's Journal" should be made as progress occur describing successes and failures; as well as the steps done and any sources of information including links used.
  - d. Pictures can also be included in the "4-H Engineer's Journal" but should not be more than 50% of the entries.
  - e. The "4-H Engineer's Journal" should contain at least one graphic.
  - f. The "4-H Engineer's Journal" must be at least 3 pages in length.
  - g. An example of a "4-H Engineer's Journal" can be found at <http://computers.engtech4ks.com/>.
  - h. The "4-H Engineer's Journal" will comprise 25% of the overall exhibit score. Failure to include a "4-H Engineer's Journal" will result in the exhibit being disqualified.
14. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive. Failure to include a copy of the "source code" may result in up to one ribbon place deduction.
15. Flow diagrams or decision trees showing the logical flow of code must be included on the USB drive for all coded exhibits. PowerPoint presentations, for example, would not require a decision tree or flow diagram.
16. Even with consultative judging, a set of instructions must be provided to run the computer system/application. These instructions should be printed off and included in the exhibit package and a copy should be included on the USB drive.
  - a. 4-H'ers are asked to bring a computer to run their project to consultative judging at the Edwards County Fair. Operating instructions are still instructed.
  - b. Instructions should be written as though you were helping a less techy person (like a grandparent) operate the exhibit. An example of instructions can be found at <http://computers.engtech4ks.com/>.
17. Each exhibit MUST include a video of the youth following their instructions for operation. For presentations, such as PowerPoint, this should include delivering the presentation. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on the USB drive or, if desired, uploaded to YouTube as an unlisted video and a link to that video included in a file titled "VideoLink." This is in addition to consultative judging at the Edwards County Fair.
18. Each exhibit must accomplish a specific automated task using the computer, a chip system, URL, or virtual machine (VM).

19. The Edwards County Fair judges will have internet access. Internet based content may be included in exhibits. Exhibitors should take great care and only go online with their guardian's permission. User names and passwords should not be included in exhibits. If they are required to view the contest, a temporary user account and password should be created for judging at the Edwards County Fair. Once judging is completed, the user's name and password should be disabled on the account. If a separate user account is not possible, the contest should be included as part of the video. You should not share your user's name or password with others.
20. All licensing should be adhered to for any software used in the exhibit. Failure to do will result in a reduction of one ribbon placing and may not be considered for best of show.
21. The creation of viruses, malware, malicious applications or code, defamatory language or graphics, bullying or any material that is "mean", "danger", or harmful according to the judge's opinion will result in the exhibit being disqualified. Pictures and still graphics created are not eligible for entry as a project in this division and should be entered in the appropriate photography division.
22. Judging will be based on a score sheet which can be found at <http://computers.engtech5ks.com/>. There are four areas each exhibit will be judged on. They are:
  - a. "4-H Engineers Journal" (what I learned to make it work) is 25% of overall score;
  - b. Instructions (how I help others make it work) is 25% of overall score;
  - c. Functionality (does it work) is 25 % of overall score;
  - d. Diagrams (and code if applicable) (how I think it works) is 25% of overall score.

#### **Computer System Division**

125590	<u>Computer Program, Application, App, Script or Coded System</u> (new and unique, not merely a file run in a program, such as a Word Document or a picture drawn in Microsoft Paint)
125591	<u>Computer Presentation</u> (PowerPoint, web page/site, animated graphics such as GIFs, PNGs, etc.)
125592	<u>Single Computer System</u> (web server, database server, etc. represented as a virtual machine)
125593	<u>Networked System</u> (consisting of two or more virtual machines)
125594	<u>Chip System</u> (small 8"x 8"x 8" programmed physical device that accomplishes a specific task)

#### **Computer System Educational Exhibit Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required. No manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to Computer Systems. Exhibits that do not clearly show a clear and direct relationship to the project area, will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained and content. An exhibit judging score sheet available at <http://computers.engtech4ks.com/>. For example, a computer program that did not work may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.
7. "Construction Kits" that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits." Other components are to adhere to appropriate dimensions.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2-inches.
10. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the notebook or "Construction Kit". For educational displays and/or posters, the exhibitor's name, 4-H club, age and year(s) in project must tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
11. Exhibits should possess the following qualities (in no particular order):

- a. A central theme;
  - b. What you want others to learn;
  - c. Be designed and constructed in a manner befitting the exhibit;
  - d. Be something you are interested in;
  - e. Be related to Astronomy.
12. If a safety violation is noted by judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

#### **Computer System – Intermediate Educational Division (Ages 9-13)**

125771	Intermediate Computer System Educational Display
125772	Intermediate Computer System Educational Notebook
125773	Intermediate Computer System Educational Poster

#### **Computers – Senior Educational Division (Ages 14 and older)**

125776	Senior Computer System Educational Display
125777	Senior Computer System Educational Notebook
125778	Senior Computer System Educational Poster

### **DIVISION – 4-H DISPLAYS, NOTEBOOKS, POSTERS & DIORAMAS**

1. Posters must be on a piece of poster board or foam board not larger than 22" x 28".
2. Displays are to be self-standing with a maximum size of a 3' x 4' tri-fold display board.
3. Notebooks should be a 3-ring binder or scrapbook. Page protectors are encouraged.
4. 4-H members may enter one poster in each class per project; exhibitors may enter one notebook per project; exhibitors may enter one display per project.
5. Follow copyright laws, citing all sources of information in a standard information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.
7. Project exhibits in this division are NOT eligible for the Kansas State Fair.

#### **Displays, Notebooks, Posters & Dioramas Classes**

129012	Poster
129013	Project Notebook
129014	Officer Notebook
129015	Project Display
129016	Diorama (Reading Project Only)

- *Displays are judged on the following points:*
  - *Stopping Power (15 points);*
  - *Specific Main Idea (15 points) – Is the main idea presented specifically, clearly, simply, forcefully?*
  - *Interest Holding Power (5 points) – Does the exhibit give the observer additional facts in a clear, concise informative way?*
  - *4-H Project Application (15 points) – Is the subject matter in an effective showcase?*
  - *Mechanical Power (5 points) – Correct letter size, pleasing color combination, appropriate symbols and models?*
  - *Personal Growth (25 points) – How much knowledge was gained by exhibitor? Enthusiasm shown?*
  - *Educational Value (20 points) – Knowledge shared?*

### **DIVISION – 4-H ELECTRIC AND RENEWABLE ENERGY**

#### **Electrical and Electronics**

1. 4-H members must be currently enrolled in the Kansas 4-H Electric and Renewable Energy project to exhibit in this division. 4-H'ers must have met the requirements of the energy management project to be eligible to exhibit in this division.
2. An exhibitor may enter any number of exhibits in this division per class.
3. Items should be cleaned before exhibiting, if exhibit has been used.

4. Plans for the project need to be included, as well as a sheet of operating instructions must be furnished for any exhibit not self-explanatory.
5. Projects must be operable using only 110V or 120V AC or battery power. If battery power is required, batteries must be furnished.
6. Projects must meet minimum safety standards.
7. Any project with a complexity of size or electronics must have (a) instructions for assembly and use and (b) equipment available at the time of judging for actual testing of the exhibit. Project must be constructed in such a way that the judge has access to examine the quality of the wiring and workmanship.
8. No hand-dipped solder may be used on exhibits.
9. Each exhibit must have a score card completed and attached securely. Scorecard will be provided by the Edwards County Extension Office.
10. A Grand Champion and Reserve Grand Champion will be chosen for Electric and Alternative if quality merits.

#### **Electrical and Electronics Classes**

- |        |  |
|--------|--|
| 113011 | <u>AC Electric Project</u> - Electric project with a 110V or 120V alternating current (AC) power source. Some project examples are household wiring demonstration, small appliance extension cords, trouble lights, indoor and outdoor wiring boards, or shop lights. Projects may be a restoration or original construction.  |
| 113012 | <u>DC Electric Project</u> - Electric projects with a battery or direct current power source. This class includes electric kits or original projects, and demonstration DC powered project. Examples include: wiring two- or three-way switches, difference between series/parallel lighting circuits or wiring doorbell switches.   |
| 113013 | <u>Electronics Project</u> - Electronics projects use 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. If from a kit, include instruction/assembly manual. If original project, include plans.   |
| 113014 | <u>Educational Display</u> - The purpose of the educational display and exhibit is to educate the viewer about specific area of the 4-H electrical or electronics project. The display should illustrate on basic idea. This class includes any educational display, exhibit, or science fair-type projects, which DO NOT have a power source, i.e., exhibits, posters, displays or wire types, conduit types, electrical safety, tools or motor parts identification or electrical terminology. Educational displays and exhibits must be legible from a distance of four-feet, using a maximum tri-fold size of 3' x 4'. |

#### **Alternative Energy**

*A form of energy derived from a natural source, such as the sun, geothermal, wind, tides and waves.*

1. All exhibits in this division are limited in size to standard, tri-fold, display boards (36" x 48") and items may not extend beyond 12" from the back board.
2. All displays must be self-standing.

#### **Alternative Energy Classes**

- |        |   |
|--------|---|
| 113018 | <u>Educational Display</u><br>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.   |
| 113019 | <u>Experiment</u><br>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. |

## DIVISION – 4-H ENTOMOLOGY

1. 4-H members must be currently enrolled in the Kansas 4-H Entomology project to exhibit in this division.
2. All entries should be submitted in an 18 x 24 3.5-inch wooden display box with a clear plastic top (such as Plexiglass). Boxes can either be handmade or purchased, as long as they are of the correct size. Box instructions and plans are available at the 21 Central Extension District – Kinsley Office or online at <https://www.kansas4-h.org/projects/natural-resources/entomology/index.html>.
3. 4-H'ers may choose to use one of two taxonomies:
  - a. Option A: As printed in "Insects in Kansas" book, or
  - b. Option B: As printed on the "Insects in Kansas Book: 2016 Revised Taxonomy," which follows [www.bugguide.net](http://www.bugguide.net).
4. Each exhibitor is required to identify each box with two identification labels bearing the exhibitor's name, 4-H club, the collection class 4-H'er is enrolled in and statement of taxonomy used. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so the box can be displayed lengthwise.
5. The number of orders, specimens, (and families where required) must be included on both of the exhibitor's box identification labels.
6. Only one adult insect per species can be used in the Collection Boxes and Notebook Classes, unless labeled as male or female and correctly identified.
7. Arrange specimens in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then Family where required.
8. Two labels should be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality. Full county name and state abbreviation should be on the second label. Collector's name (or host) on the date/locality label is optional.
9. 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. Please refer to "Entomology Collection Exhibit Resource" (<https://www.kansas4-h.org/projects/natural-resources/entomology/index.html>) for full details on out-of-state insects in collections.
10. Only specimens of the class should be included.
11. Purchased insects are not to exhibited in collections, but they may be used in educational displays.
12. 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 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.
13. Any major violation of rules will result in the exhibit being dropped on ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paperwork, feet on display boxes, no special project in notebooks, etc.

### **Entomology Collection Classes**

- |        |   |
|--------|---|
| 111009 | <u>Cloverbud Entomology Collection</u> : display in one or two shoe boxes, pencil boxes, cake pan with a clear lid, or one standard display box a minimum of 5 and a maximum of 10 specimen representing at least 4 orders. The boxes should be covered with a piece of plastic wrap, plexiglass, or other protective covering taped to the top of the box or attached in some manner. Follow the general guidelines listed for collections. Members may exhibit in this class a maximum of 2 years while they are Cloverbuds. There is no State Fair class for this level. |
| 111010 | <u>Introductory Entomology Collection</u> : a collection consisting of at least 15 specimen and no more than 30 specimens, representing at least 6 orders of insects. Members may exhibit in small cardboard or plastic box with lids removed and each box covered with clear plastic wrap. (1 or 2 boxes with a total display of no more the 130 square inches.) There is no State Fair Class for these exhibits.  |
| 111011 | <u>Beginning I Entomology Collection</u> : a collection with a minimum of 50 and maximum of 125 specimen representing at least 7 orders. Specimens should be grouped according to order with order labels to be pinned at the base of the box. (Members may exhibit in this class a maximum of 3 years.)  |

- 111013 Beginning II Entomology Collection: a minimum of 75 and a maximum of 150 specimen representing at least 9 different orders. (Members may exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first and then they are moved up a division.)
- 111014 Intermediate Entomology Collection: a minimum of 100 and a maximum of 300 specimen representing at least 10 orders. Two standard boxes can be used. In addition, family identification is required for all insects in any two of the following orders (only two will be counted for judging): (a) "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera; or (b) "Insects in Kansas Book: 2016 Revised Taxonomy," which follows [www.bugguide.net](http://www.bugguide.net) – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera. On a piece of paper, list what you did to improve your collection during the current year. (Members can exhibit in this class a maximum of 3 years. A 4-H'er will move up if they receive a purple ribbon at the Kansas State Fair.)
- 111015 Advanced Entomology Collection: a minimum of 150 and maximum of 450 specimen representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. Family identification is required for all insects belonging to the six basic orders as outlines under the Intermediate phase. Only families in the above six order will be counted for judging. Family identification of insects in the remaining order is optional, but desirable as long as accuracy is maintained. On a piece of paper list what you did to improve your collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided to this project; and/or what insects you have studied. Attach paper to back of one of the display boxes. (Members may continue to exhibit in this call for an unrestricted number of years, as long as they remain eligible for 4-H membership.)

#### **Entomology Notebook Book Rules:**

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. 4-H'ers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the introductory phase.
3. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor's name, 4-H club and class 4-H'er is enrolled in and statement of taxonomy used:
  - a. Option A: "Insects in Kansas" book, or;
  - b. Option B: "Insects in Kansas Book: 2016 Revised Taxonomy," which follows <http://bugguide.net/node/view/15740>.
4. The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
5. Specimen pages should be grouped according to order and should include on page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.
6. Date, common name, fully county name, and state abbreviation should be included for each species. Collector's name on the specimen page is optional.
7. Specimen pages should have two different views of the insect, if possible. If pictures are taken on different dates/localities, include information for both.
8. 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.
9. 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 as well on the front of the divider page.
10. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
11. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.
12. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.



13. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.

#### **Entomology Notebook Classes**

- 111016 Introductory Entomology Notebook: a minimum of 10 and maximum of 30 insect specimen representing at least 6 different orders. (A 4-H member may exhibit in this class for a maximum of 2 years.)
- 111017 Beginning Entomology Notebook: a minimum of 20 and a maximum of 60 insect specimen representing at least 7 different orders. (Members can exhibit in this class for a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair.)
- 111018 Intermediate Entomology Notebook: A minimum of 60 and maximum of 100 specimen representing at least 9 orders. In addition, family identification is required for all insects in any two of the following orders (only two will be counted for judging): (a) "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera, or; (b) "Insects in Kansas Book: 2016 Revised Taxonomy" which follows <https://bugguide.net/node/view/15740> – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera. (Members can exhibit in this class a maximum of 3 years or move up a class if they receive a purple ribbon at the Kansas State Fair.)
- 111019 Advanced Entomology Notebook: a minimum of 100 and a maximum of 200 specimen representing at least 12 orders. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate Phase. Only families in the above six orders will be counted for judging. Family identification or insects in the remaining orders is optional, but desirable as long as accuracy is maintained. (Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.)

#### **Entomology Educational Display Rules:**

1. Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes.
2. Follow copyright laws, citing all sources of information in a standard information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
3. The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for duration of the Edwards County Fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.
4. If the exhibit is a wooden display box, it must be 18 x 24 x 3.5-inches with a clear plastic top (such as Plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display, maximum size, is not to exceed a standard commercial 3' x 4' tri-fold display board.
5. Name and 4-H club must clearly be marked on educational exhibits.
6. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display box, no special project in notebooks, etc.

#### **Entomology Educational Display Classes**

- 111020 Beginning Entomology Educational Exhibit: Class for individuals that are exhibiting in the Beginning I and II Collection or Beginning Notebook Classes. (If only exhibiting in this category, then ages 9-12.)
- 111021 Intermediate Entomology Educational Exhibit: Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. (If only exhibiting in this category, then ages 11-14.)
- 111022 Advanced Entomology Educational Exhibit: Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. (If only exhibiting in this category, then ages 13 or older.)



## **Monarch Butterfly Educational Display Rules:**

*Monarch Butterflies were officially put on the Endangered Species list on July 21, 2022. It is now threatened with extinction due to the habitat loss and climate change. 4-H'er can play a critical role in helping bring habitat back for the Monarch Butterfly.*

1. Exhibits should teach the public about Monarch Butterfly and/or ways to protect and conserve it. The information could show nectar sources for adult butterflies and food sources for caterpillars, Monarch tagging activities, collection of native milkweed and the packaging it to give to others to plant, a group working together to plant a Monarch friendly garden, etc.
2. 4-H'ers may create a poster, notebook, standard size tri-fold diorama, slice show or other visual display that shows information on Monarch Butterflies.
3. If a slide show is created, it should be presented on a zip drive along with a printed copy of the presentation.

## **Monarch Butterfly Educational Display Classes**

111023	<u>Beginning Monarch Butterfly Educational Display:</u> for 4-H members enrolled in Beginning I or II Entomology
111024	<u>Intermediate Monarch Butterfly Educational Display:</u> for 4-H members enrolled in Intermediate Entomology
111025	<u>Advanced Monarch Butterfly Educational Display:</u> for 4-H members enrolled in Advanced Entomology

## **DIVISION – 4-H FIBER ARTS**

*Fiber arts is defined as the practical skills passed down from preceding generations that were developed to provide basic family needs, such as apparel, home furnishings or decorations.*

1. 4-H members must be currently enrolled in the Kansas 4-H Fiber Arts project to exhibit in this division.
2. Fiber Arts is defined as any method of creating a unique design with fiber, fabric or yarn. This may include: making fabric (such as weaving, crochet, knitting, needlepoint); or when existing fabric is changed into something quite different (such as quilting or embroidery or ethnic art). Ethnic Fiber Arts should use a fiber, yarn or fabric to create the design exhibit. (Non-textile – wood, reeds, straw, grass, etc. – baskets/pieces should be entered in the Visual Arts Division.)
3. Identification Label:
  - a. Type or print on a 3" x 2½" piece of cloth
    - i. Class Number
    - ii. 4-H Club
    - iii. Exhibitor's Name
  - b. Sew or safety pin this ID label on the corner of flat articles.
  - c. For garments, attach ID label to the front left shoulder seam, or left side of waistband, as if you were wearing the garment.
4. When the articles, which are normally worn as a pair, are exhibited, both articles must be shown together. Fasten article together securely with yarn.
5. Special consideration will be given to articles, which are of original design. Such articles should have a note attached explaining the original design.
6. The exhibitor should attach an index card, no larger than 4" x 6", with the entry form to give the judge any information on what parts of the exhibit they made, processes used, or other information which the exhibitor thinks would be helpful for the judge. For all items, please indicate if item was made from a kit. For all items, please indicate fiber content, and specifically if they are made of at least 90% wool. For quilted items indicate who did the quilting and binding.
7. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e., knitting, crochet, needle arts, or patchwork and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant.
8. All exhibits which need to be hung, MUST have appropriate saw tooth hanger, rod, wire or other mechanism attached in order to be properly displayed. If necessary, hardware is not attached, it may not be displayed.
9. Fiber Arts 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's, 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 education notebook.) 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.

#### **Knitting Classes**

118011	Knitted Article
118012	Extra Knitted Article
118013	Educational Exhibit

#### **Crochet Classes**

118021	Crochet Article
118022	Extra Crochet Article
118023	Educational Exhibit

#### **Needle Arts Classes**

118059	Counted Cross-Stitch
118060	Embroidery & Cross-Stitch
118061	Needlepoint
118065	Appliqué

#### **Other Fiber Arts Classes**

118066	Patchwork Article
118074	Quilted Item
118069	Weaving (woven article)
118070	Ethnic Arts (article from a specific country or culture)
118071	Macramé Article
118072	Rug Making Article
118073	Spinning (skein – minimum 10 yards in length)
118074	Educational Exhibit
118075	Other



### **DIVISION – 4-H FINE ARTS**

1. A 4-H'er may enter 4 entries per class with a limit of 7 entries per 4-H Fine Arts Division.
2. Articles exhibited should be an original design created by exhibitor. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work.
3. Designate on entry tag and label if work is considered to be original in design (did not use a pattern or copy another person's idea, etc.)
4. The exhibit that is to be hung should be appropriately framed/mounted with hangers attached so it can be displayed as such. All exhibits must have a wire or sawtooth hanger attached for hanging. (no string and tape)
5. 4-H members may display exhibits only in classes in which they are enrolled.
6. Edwards County may submit one or two entries for Fine Arts at the Kansas State Fair. Items will be selected during the Edwards County Fair.

#### **Junior Fine Art Classes (7-9 years old)**

135001	Drawing or Painting
135002	Sculpting
135003	Ceramics
135004	Pottery
135005	Pottery (wheel thrown)
135006	Other

#### **Intermediate Fine Art Classes (10-13 years old)**

135011	Drawing or Painting
135012	Sculpting
135013	Ceramics

135014	Pottery
135015	Pottery (wheel thrown)
135016	Other

#### **Senior Fine Art Classes (14-18 years old)**

135021	Drawing or Painting
135022	Sculpting
135023	Ceramics
135024	Pottery
135025	Pottery (wheel thrown)
135026	Other

## **DIVISION 4-H FOODS AND NUTRITION**

1. 4-H members must be currently enrolled in the Kansas 4-H Foods & Nutrition project to exhibit in this division.
2. Exhibitors are not limited to number of entries per class in the 4-H Foods & Nutrition Division. 4-H'er may only take 1 purple placing item to the Kansas State Fair in September.
3. Exhibit only non-perishable foods. For food safety purposes, any food with custard and dairy-based fillings and frostings (ex. Cream cheese), raw eggs, flavored oils, "canned" bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. Bacon) or unbaked exhibit with raw flour (ex. No bake cookies) will be disqualified and not judged.
4. All exhibits are to have a completed entry tag, but do NOT attach cards to products. Be sure to attach a 4-H food label to the bottom of the plate/cardboard on which the food is on.
5. Recipes are required for all exhibits and should be on an 8.5 x 11-inch white piece of paper. Complete recipes with ingredients and instructions must be attached with the entry, or the placing will be lowered one ribbon when judged.
6. For food safety purposes, any entries with frostings and filling 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. Frosting and filling need to contain more than 65% sugar for safety. Examples of how to calculate this percentage are included in the publication located at: <http://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>.
7. Alcohol is not allowed as an ingredient in food entries. Entries with alcohol will be disqualified and not be judged.
8. All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same cookies and rolls, should be the same shape and from the same recipe.
9. Remove baked products from baking pans and place on heavy paper plate or covered cardboard cut to fit the size of the product. Place food items in clear plastic re-sealable bag. Layer Cake containers are available from the Extension Office.
10. All foam cakes shall be exhibited in an upright position with the top crust showing; no frosting.
11. Exhibit 3 cookies, 3 muffins, etc.; cakes, breads, & pies are to be exhibited as a whole product. For exhibits such as snack mix, exhibit ½ cup in re-sealable container.
12. 4-H'ers are encouraged to make all entries as nutritious as possible. Modified Food Product is a food product in which the recipe has been modified to make the food product more nutritious. For example: use whole wheat flour, dried fruit, oatmeal, cereal flakes, dry milk powder, etc. where possible.
13. Educational classes: Exhibits may be in the form of a poster, notebook or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select materials that will withstand State Fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". Displays are not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county or district must be clearly marked on educational exhibits. The educational exhibit evaluation form will be provided at judging time. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.
14. Food Gift Package. A food gift package must contain at least 3 different food items (prepared for human consumption), made by the 4-H member, in a suitable container no larger than 18"x18"x18". Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. On the back of the entry card, answer these questions: a) what the intended use is; b) what food safety precautions were taken during and after preparation. This entry will count as a non-perishable food product, not as an educational exhibit. Home canned foods must follow Food Preservation

rules. Canning jars should not be used for baking according to the manufacturer's instructions. They could break during baking. No alcoholic beverages will be accepted.

15. Flop Class is for a food product that did not turn out as expected. This can be helpful as to why it happened. Not a judged class but a learning experience.
16. The Grand Champion and Reserve Grand Champion food items and Purple Ribbon food items may be sold at the Premium Auction. New food item must be made for the auction. Please bring item for the auction in a presentable fashion, i.e., tray, platter, basket, etc.

#### **Junior (7-9 years old)**

115011	Non-perishable Food Product
115012	Food Gift Package
115013	Modified Food Product
115014	Flop Class
115015	Educational Exhibit

#### **Intermediate (10-13 years old)**

115021	Non-perishable Food Product
115022	Food Gift Package
115023	Modified Food Product
115024	Flop Class
115025	Educational Exhibit

#### **Senior (14-15 years old)**

115031	Non-perishable Food Product
115032	Food Gift Package
115033	Modified Food Product
115034	Flop Class
115035	Educational Exhibit

#### **Senior Advanced (16-18 years old)**

115041	Non-perishable Food Product
115042	Food Gift Package
115043	Modified Food Product
115044	Flop Class
115045	Educational Exhibit

#### **Miscellaneous (All Levels – not eligible for Kansas State Fair)**

115051	Table Setting & Menu
115052	Menu Planning (1 day)
115053	Decorated Cake
115054	Decorated Cupcake



## **DIVISION – 4-H FOOD PRESERVATION**

1. Exhibits must be processed in clean, clear standard canning jars, with matching brand two-piece lids. Do not use colored jars, fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. No fancy packs unless recipes state to do so. Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe (ex. Salsa is canned in pint jars only, no quarts). Jelly must be in ½ pint or pint jars. All other products must be in pint or quart jars.)
2. Each jar must be labeled with a canning label (available at the Extension Office), giving Class Number, Product, Canning Method, Process Time, Pressure, Altitude, Name, and Address.
3. Recipes and processing methods from the sources below are recommended. Recipes must be current, tested resources listed below AND MUST BE ADJUSTED FOR ALTITUDE based on your processing location, it will be disqualified. Processing methods that will be disqualified include open kettle-canning, oven canning, sun canning and using electric multi-cookers. Untested recipes will be disqualified for food safety reasons. Tested recipe sources include:
  - a. K-State Research and Extension Food Preservation publications
  - b. Other University Extension Food Preservation publications
  - c. USDA Complete Guide to Home Canning, circa 2015

- d. So Easy to preserve, 6<sup>th</sup> edition, The University of Georgia Cooperative Extension Service
  - e. Ball® Blue Book Guide to Preserving, Edition 37
  - f. Ball® Complete Book of Home Preserving, circa 2015 and 2020
  - g. Canning Mixes (i.e. Mrs. Wage's, Ball®)
  - h. Pectin manufacturers (i.e. SureJell, Ball®)
  - i. KSRE Rapid Response Center Recipes
  - j. National Center for Home Food Preservation
  - k. Ball® and Kerr™
4. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol will be disqualified and not judged.
  5. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include recipe source, date of publication, altitude discrepancies, if using Mrs. Wages or Ball® Mixes, indicate that date mix was purchased.
  6. Containers may be opened at the discretion of the judge.
  7. For dried foods, each exhibit will consist of 2 different dried foods according to the class entered.
  8. Dried foods may be entered in a small jar or clear plastic bag. Each food should be in a separate container. Suggested amount: 1/3 to ½ cup or 3-4 pieces per exhibit. All meat jerkies must be cooked to 160 degrees F before or after drying. All entries must include recipe and preparation steps. (Heating information can be found in "Dry Meat Safely at Home" publication at [www.ksre.k-state.edu](http://www.ksre.k-state.edu)).

#### **Canned Foods**

- |        |   |
|--------|---|
| 116011 | Sweed Spread & Syrups – one jar   |
| 116012 | Fruits, Juices & Mixes (fruit salsa, pie filling, fruit juice) – one jar      |
| 116013 | Low Acid Vegetables (green beans, corn, vegetable mixes) – one jar            |
| 116014 | Pickles, Fermented Foods, Relishes & Chutney (fruit or vegetable) – one jar   |
| 116015 | Tomato & Tomato Products (tomato juice, tomato sauce, tomato salsa) – one jar |
| 116016 | Canned Meats – one jar  |

#### **Dried Foods**

- |        |               |
|--------|---------------|
| 116021 | Fruit         |
| 116022 | Vegetable     |
| 116023 | Jerky or Meat |
| 116024 | Fruit Leather |

### **DIVISION – 4-H FORESTRY**

1. 4-H members must be currently enrolled in the Kansas 4-H Forestry project to exhibit in this division.
2. 4-H'er may exhibit non-native in addition to native Kansas trees in classes.
3. 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 exhibit size 2' x 3').
4. Name, club, age, and year in project should be on front cover or in a prominent location.
5. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) The proper common name as listed in the 4H334, "List of Native Kansas Forest Trees"; (2) Location (city and/or county) where collected; and (3) date (day, month, year) collected.
6. Intermediate Forester. Exhibit only in phase(s) enrolled.
7. Senior Forester enrolled in Self Determined can exhibit in Self Determined Forestry at the State Fair.
8. Divide specimens into the following two sections: Native Kansas Trees, and Non-Native Trees.
9. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens. Have samples grouped according to the year (such as "old-previous" and "new").
10. Variations of varieties do not count as different species or specimens.
11. When replacing previously displayed samples, due to degradation, improper mounting or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens. Replacements should be displayed in the "old previous" section of the display.
12. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.

13. In all leaf collections (Division A – Intermediate Forester), exhibit one complete leaf where possible. If the leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A “leaflet” is incorrect when displayed as the complete leaf for the tree.
14. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

#### **Knowing Trees as Individuals (Leaf Collections) Classes**

- 124011 Beginning Forestry Collection (Choose either A or B) – Juniors (7-9 years old) Only
- a) Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. The 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, trig and fruit from each species collected.
- 124012 Intermediate Forestry Collection (Choose either A or B) – *This class is open to those exhibiting either for the first or second time eligible for the State Fair.*
- a) Exhibit a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the recorded 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.
- 124013 Senior Forestry Collection (Choose either A or B) – *This class is open to those exhibiting either for the third or fourth time at the State Fair.*
- a) Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. The 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.
- 124014 Senior Advanced Forestry (Choose either A or B) – *This class is open to those exhibiting the fifth time or more at the State Fair.*
- a) Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. The 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 species collected. This exhibit must include 10 new leaf, twig and fruit specimens.

#### **How a Tree Grows**

- 124015 How A Tree Grows Notebook – Entry may include a project notebook with 10 or more seeds collected with pictures showing a germination study or a mounting of a thin section of wood and age of tree when cut or exhibits an illustration of how a tree grows.

#### **Tree Appreciation**

- 124016 Tree Appreciation Notebook – Entry may include research or reporting project notebook with no more than 10 pages based on the exhibitor’s selected tree. The exhibit must be of 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.

#### **Growing and Protecting Trees**

- 124017 Growing and Protecting Trees Display or Notebook – 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. (Maximum tri-fold size is 3’ x 4’.)

#### **Tree Culture**

- 124018 Tree Culture Display or Notebook – Entry requires a display or project notebook, showing your project work and includes pictures of before, during and after wood lot improvement. (Maximum tri-fold is 3’ x 4’.)

## **How Forests Serve Us**

- 124019      How Forests Serve Us Exhibit – Entry may include collected wood samples (all or partial) and essay. Wood sample display to be mounted on poster board or any stiff material no larger than a 3' x 4' tri-fold. Essay should be displayed in a covered binder.

## **Educational/Creative Exhibit**

- 124020      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 six of 3' x 4'. Care should be taken to use durable materials that will withstand Edwards County Fair conditions. (This is a good class to exhibit an unusual collection.)

## **DIVISION – 4-H GEOLOGY**

1. 4-H members must be currently enrolled in the Kansas 4-H Geology project to exhibit in this division.
2. Exhibit boxes should be 18" x 24" x 3.5". Plexiglass covers are required. Boxes with glass WILL NOT be accepted. All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep exactly. If a box has a sliding Plexiglass 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.
3. Each exhibitor is required to identify each display box by placing an ID label with the name, county, and number of specimens in the exhibit in the upper left-hand corner or the inside cover and on the lower right-hand outside corner of the box. The inside label should also include the class number.
4. Exhibitors may enter both Geology and Lapidary classes. Exhibitors may have entries in Geology classes 114011-114014 and Geology Educational Exhibit, Mineralogy, Fossils and Rocks classes.
5. For Geology classes 114011 – 114014, specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class and Genus level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be italicized or underlined, not both. The words "phylum, class, genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Composita).
6. Specimens should also be labeled with the number of specimens, date collected, specimen name or description and locality (county) where collected.
7. In geology, all specimens must be collected from locations in Kansas. Out-of-state specimens will not count in the minimum number for the class or be considered in the judging.

## **Geology Classes**

- 114011      Beginning Geology – Juniors (7-9 years old) Only  
Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. The exhibitor is limited to one exhibit box.
- 114012      Intermediate Geology – Those exhibiting either first or second time at State Fair.  
Display at least 30 different rocks, minerals or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. The exhibitor is limited to one exhibit box.
- 114013      Senior Geology – Those exhibiting either the third or fourth time at State Fair.  
Display at least 45 rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Identify the rocks as igneous, metamorphic or sedimentary. These rocks must be spelled out on labels or have a legible key. The exhibit is limited to two boxes.
- 114014      Advanced Senior Geology – Those exhibiting the fifth time or more at State Fair.  
Display 60 rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current year. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key. Exhibit limited to two boxes.
- 114015      Geology Educational Exhibit – Exhibit relating to everyday living; or to a mineral test a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts, or Indian artifacts. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. Exhibit

limited to 4-feet of table space. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.

- 114016 Mineralogy – Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (i.e. Carbonates, Oxides, Silicates) and at least 3 classes must be represented. Members 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. CaCO<sub>3</sub> for calcite), if known.
- 114017 Fossils – Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.). Members 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.).
- 114018 Rocks – Display a minimum of 15 rock specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. Rocks are to be grouped into the 3 rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. The specimens must fit in one standard display box. Specimen labels must include a specimen number, the date collected, name of specimen and the county where collected. All rocks must be identified by the formation and member name (Examples: Fort Hays Limestone, Member of the Niobrara Chalk Formation) or source (Examples: Rocky Mountain Outwash, glacial till).

### Lapidary

The lapidary will be judged on the following criteria:

Workmanship and Content	60 points
Presentation and Showmanship	30 points
Accuracy of Information	10 points

All lapidary specimens should be labeled with the following information:

- Specimen Name
- Place of Origin (country, state, or county; county required for Kansas specimens)
- Purchased or Self-Collected
- Date Lapidary Treatment Began
- Date Lapidary Treatment Completed (Treatment completed after the Edwards County Fair is considered a new year's specimen.)

### Lapidary Classes

- 114019 Beginning Lapidary – *Only for those exhibiting lapidary first time at State Fair.*  
Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of “before and after”, nor do they have to be self-collected. Locales must be identified. The exhibitor is limited to one exhibit box.
- 114020 Introductory Lapidary - Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these. Locals must be identified. Lapidary work should be done during the current 4-H year.



- 114021      Intermediate Lapidary - Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least 2 varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.
- 114022      Senior Lapidary - Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H'er, at least two of which come from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.
- 114023      Advanced Senior Lapidary - Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, and end, face or flat lapping. Specimens must represent at least 3 different varieties and include at least three cabochons of any size or shape, only one of which may be free-formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

## **DIVISION – 4-H HEALTH & WELLNESS**

1. Posters must be on a piece of poster board or foam board not larger than 22" x 28".
2. Displays are to be self-standing with a maximum size of a 3' x 4' tri-fold display board.
3. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.
4. Project exhibits in this division are NOT eligible for the Kansas State Fair.

### **Health & Wellness Classes**

- 123012      Project Poster (Juniors 7-9 & Intermediates 10-13) – Exhibit a poster showcasing at least two activities from *the Keeping Fit & Healthy* 4-H Project Manual series (available at the Extension Office).
- 123015      Project Display (Senior 14-18) – Exhibit a display showcasing at least three activities from the *Keeping Fit & Healthy* 4-H Project Manual series (available at the Extension Office).

## **DIVISION – 4-H HORTICULTURE & LANDSCAPE DESIGN**

### **Rules**

1. 4-H members must be currently enrolled in the Kansas 4-H Horticulture and Landscape Design project to exhibit in this division
2. Variety of produce must be listed on entry tag. Secure entry tag to disposable plate or container with string or tape. Use a sturdy disposable plate, bowl or container that will support the weight of the produce.
3. Exhibits must have been grown and/or collected by 4-H'er. Do not use purchased plant materials. Entries should not take over one square foot of table space.
4. Potted plants are not accepted.
5. All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.
6. Exhibit only the number specified in each class. 4-H'er may enter 4 entries per class.
7. 4-H members may enter one horticulture notebook, in addition to the other classes.
8. In Floral Exhibits, exhibitors are encouraged to exhibit cut flowers and fresh floral arrangement in disposable containers. If a non-disposable container is used, mark it plainly with 4-H'ers name and 4-H club. The Edwards County Fair is not responsible for the loss or damage to any flower arrangements, vases or containers.
9. Exhibits will be judged on their freshness and value as a table product at the time of judging. Over-mature, wilted or over ripe produce will be penalized.

### **Floral Exhibits**

- 109011      Annual Garden Flower (cut specimen) – single stem
- 109012      Perennial Garden Flower (cut specimen) – single stem

- 109013 Fresh Flower Arrangement – floral materials must be grown and/or collected by exhibitors, purchased
- 109014 Dried Flower Arrangement – no fabric or plastic materials allowed
- 109015 Horticulture Notebook – a notebook or three-ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer’s market business, or other horticultural project. 4-Hers 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. Exhibitors may enter one horticulture notebook. Scoring is based on the following criteria:
- Organization and General Appearance (neat, includes title page and table of contents, original, creative, etc.) – 20%
  - Narrative (including goals, successes, failures, etc.) – 40%
  - General Content (subject matter, photos, maps, knowledge gained, etc.) – 40%

#### **Fruit Exhibits**

- 109021 Small Fruits – ½ pint box (i.e., strawberries, blackberries, etc.)
- 109022 Tree Fruits – plate of 5 (i.e., apples, pears, peaches, etc.)
- 109023 Grapes – plate of 2 bunches
- 109024 Other Fruit

#### **Produce (Vegetable) Exhibits**

- 109031 Small Vegetables – plate of 12 (i.e., green or yellow beans, radishes, cherry tomatoes)
- 109032 Medium Vegetables – plate of 5 (i.e., cucumbers, tomatoes, beats, onions, potatoes)
- 109033 Large Vegetables – plate of 1 (i.e., watermelon, squash, cabbage, pumpkin)
- 109034 Fresh Culinary Herbs – plate of 6 stems or comparable quantity of one variety of fresh herbs must be exhibited in a disposable container of water. Dried herbs are not acceptable. (i.e., parsley, basil, dill)
- 109036 Other Vegetable
- 109037 Garden Display – Each exhibitor will be limited to four square feet of space. The Garden Display must be exhibited in a tray, basket or container that can be easily moved by Edwards County Fair superintendents. The exhibit consists of five different types of fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only one variety of each type of vegetable and fruit may be exhibited. The numbers of the five types of vegetables or fruits to be exhibited are as follows:
- *Large Vegetables* (one each): cabbage, cantaloupe, eggplant, large pumpkin, squash, watermelon
  - *Medium Vegetables* (five each): beets, carrots, cucumbers, decorate gourds, potatoes, miniature pumpkins, okra, onions, peppers, radishes, sweet potatoes, tomatoes, or other similar sized vegetables
  - *Small Vegetable* (twelve each): green snap beans, wax beans, English peas, or other similar sized vegetable
  - *Small Fruits* (one half-pint box): strawberries, blackberries, raspberries, or other similar sized fruits
  - *Tree Fruits* (5 each): apples, pears, peaches, or similar sized fruits
  - *Grapes* (2 bunches)

## **DIVISION – 4-H INTERIOR DESIGN AND ARCHITECTURE**

1. 4-H members must be currently enrolled in the Kansas 4-H Interior Design and Architecture project to exhibit in this division.
  2. A summary including plans, explanation of how the items were made or refinished, and how it fits into the color and design of the room. Summary could also include project inspiration, challenges, who help you, and any other information that could be helpful to the judge. Summary should be in a plastic protective sleeve and attached to exhibit.
  3. Projects missing or insufficient summary will be lowered one ribbon placing.
  4. Exhibits should be of high quality (as compared to quick, simple crafts), suitable for use in the home for several months throughout the year. Holiday-specific items are discouraged.
  5. Educational posters or displays or notebooks may include swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans.
- 119021                Single Exhibit – An article (furniture, fixtures, interior or exterior, etc.) made or refinished by the 4-H member for the home. Must include attached summary.
- 119022                Design Board (poster or display) – Boards must be on foam core or a standard tri-fold display. Include color scheme, wall treatment, samples, etc. and/or floor plan for a room. Must include attached summary.
- 119023                Notebook – Notebooks may include floor plans, swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans. Notebooks should also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Additional summary is not required.

## **DIVISION – 4-H LEADERSHIP**

1. 4-H members must be currently enrolled in the Kansas 4-H Leadership project to exhibit in this division.
2. Posters must be on a piece of poster board or foam board not larger than 22" x 28".
3. Displays are to be self-standing with a maximum size of a 3' x 4' tri-fold display board.
4. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.
5. Project exhibits in this division are NOT eligible for the Kansas State Fair.

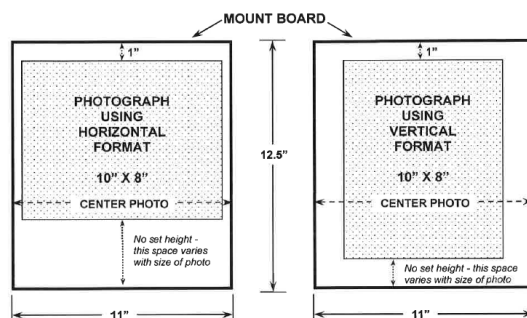
### **Leadership Classes**

- 131001                Project Poster (Junior 7-9 & Intermediate 10-13) – Exhibit a poster showcasing at least two activities from the *Step Up to Leadership* 4-H Project Manual (available at the Extension Office).
- 131002                Project Display (Seniors 14-18) – Exhibit a display showcasing at least three activities from the *Step Up to Leadership* 4-H Project Manual (available at the Extension Office).
- 131003                Civic Engagement Project Poster – Poster showing your work in your community.
- 131004                Civic Engagement Project Display – Display showing your work in your community.

## **DIVISION – 4-H PHOTOGRAPHY**

1. 4-H members must be currently enrolled in the Kansas 4-H Photography project to exhibit in this division.
2. A 4-H'er may exhibit any number of photos in this division.
3. The photographs entered must be the result of the current year's project work by the 4-H exhibitor. Photo images must be taken by the 4-H member (exhibitor).
4. Photos may be no larger than 8" x 10" and no smaller than 7" x 9" after trimming.

5. Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white studio mount. The top edge of the print should be 1" below the top of the mount with the side of the print an equal distance from the sides of the mount. Studio mount may be purchased from the Extension Office. (No foam core board or poster board allowed.)
6. A full coverage permanent mount must be made by using photographic adhesive. Spray adhesive or heat mount recommended because each photo is handled numerous times through the judging, sorting, and display. Do not use household glues, glue sticks, double stick tape, etc.
7. No lettering, including dates, is permitted on the front of the mount or on the photo.
8. No underlay or borders are to be used. Photos are not to be framed.
9. Remove white boarder from the enlargement before mounting.
10. On the back of the mount board, please list Name, 4-H Club, Address, City, State, Zip, Description of photo, and where photo was taken.
11. To protect photo exhibits, it is strongly recommended that they be placed in a photo bag available from the Extension Office. Do NOT seal bags.
12. 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 judge.
13. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning should be entered in the standard color or black and white classes.
14. Computer manipulated photos do not include normal cropping, enlargement, or color intensity treatment. The photo must be an original taken by the exhibitor. The exhibitor must provide a small (4"x6") of the original photo.
15. The black and white class is 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.
16. Photos with live subject(s) on railroad right-of-way or taken from railroad right-of-way property will not be displayed at the Edwards County Fair and will be disqualified from judging.
17. Copyright protections must be observed.
18. Decisions as to display and/or penalties will be made by the Extension Staff and Photography Judge.
19. Digital Composite Image: Finished photo must be created from two or more original sources created by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process.



#### **Beginner (3 years experience or less)**

- 122011 Color Photo
- 122013 Black & White Photo

#### **Intermediate (4-7 years experience)**

- 122021 Color Photo
- 122022 Black & White Photo
- 122023 Photo with Special Effects
- 122024 Digital Composite Image
- 122027 Video

#### **Advanced (8 or more years experience)**

- 122031 Color Photo
- 122032 Black & White Photo
- 122033 Photo with Special Effects
- 122034 Digital Composite Image
- 122037 Video



## **Miscellaneous Photography**

- 122050 iPhonography (all levels of experience) – The art of creating photos with a mobile device. There is not a State Fair class available.
- 122051 Growth Portfolio
1. Members are eligible for this class beginning with the three years of enrollment in the 4-H Photography project.
  2. The exhibit will consist of one photo for each year of enrollment. Each photo must have been created in a different year and must be labeled with the year taken/project enrollment year. A maximum of 5 photos may be included if the member has 5 or more years of enrollment. Photos are not required to be in consecutive order. The growth portfolio class may start at any time in the member's photography career.
  3. Photos must be 8" x 10" and may be color or black and white. Photos must be mounted.
  4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed.
  5. The skill set used to create the photo must be given and explained. Main goal for each year should be listed.
  6. Beginning with photo #2, member description of GROWTH in project skill must be included on information sheet.
  7. The exhibit will consist of photos arranged in chronological order of enrollment, an information sheet on each photo, and all information listed in #6 and #7. A portfolio book will be required to exhibit.
- 122052 Career Portfolio
1. Member must have been enrolled in Photography for five or more years OR member must be aged 15-19 and have been enrolled in photography for at least two years.
  2. 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). Photos may have been created over multiple project years.
  3. Photos may be color except if the Black and White option is chosen and must be unmounted.
  4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed.
  5. A one-page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described.
  6. Exhibit will be presented in notebook designed for portfolio review with pages for required information from #4 and #5.
- 122053 My Favorite 4-H Photography Display
1. This is a "Display Only" class.
  2. Eligible members must have enrolled in photography for ten or more years.
  3. Requirements are:
    - a. Choose a total of four of your favorite photos from any of the years enrolled in photography. If used previously in competitive exhibits, be sure to remove all entry cards and ribbons/stickers. If the photo is unmounted print, mount it using standard 4-H requirements and mat board.
    - b. Develop a short biography piece.
      - i. Tell how/when an interest in photography began.

- ii. Explain why each of the four photos is a favorite. Share the skills learned because of photography. Think beyond the camera skills and include leadership, community service, etc.
  - iii. Tell of any mentors/leaders worked with.
  - iv. Share workshops or camps pertaining to photography skills beyond 4-H/High School.
  - v. Include a small (2" x 3") photo of yourself at the start of the biography.
  - vi. Print the biography document and mount it on a standard mat board.
4. Place name and 4-H Club on the back of each of the 5 mat boards in the upper right-hand corner.

## **DIVISION – 4-H READING ADVENTURES**

1. 4-H members must be currently enrolled in the Kansas 4-H Reading project to exhibit in this division.
2. Posters must be on a piece of poster board or foam board not larger than 22" x 28".
3. Displays are to be self-standing with a maximum size of a 3' x 4' tri-fold display board.
4. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.
5. Project exhibits in this division are NOT eligible for the Kansas State Fair.
6. Please read a book and write a short 3-4 sentence summary of the exhibit on an index card. On the index card, please include the following: book title and author with the title underlined, your name, club name, project, and date. This index card will need to accompany one of the following choices to exhibit:

### **Reading Adventure Classes**

123012	Poster – advertise a book
123015	Project Display – feature a timeline showing the works of one author or a map depicting a character's travels
123017	Diorama – create a 3D miniature replica of a scene or setting from a book

## **DIVISION – 4-H ROBOTICS**

*The Kansas 4-H Robotics program is designed to allow 4-H members to explore robotics through robots of various designs.*

### **Rules**

1. 4-H members must be currently enrolled in the Kansas 4-H Robotics project to exhibit in this division.
2. Each exhibitor may enter any number of robotics per class. Exhibits must have been constructed and/or completed during the current 4-H year. (To exhibit at the Kansas State Fair, the robot must have been selected at the Edwards County Fair.)
3. Each robot must be free-standing, without the need for additional supports in order to be moved or exhibited. Each exhibit must include a robot. Information packets are not a sufficient exhibit.
4. Robots must have automated articulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in the Computer System division or Electrical/Alternative Energy's Electronic project. Robots requiring no assembly, just programming (such as Ozobots) are considered Computer Systems projects as the skill is focused on the programming, not on the construction of the robot.
5. Robot dimensions should not exceed 2-feet high by 2-feet wide by 2-feet deep. Weight may not exceed 15 pounds. If displayed in a case (not required for the Kansas State Fair but encouraged for the Edwards County Fair) the outside case dimensions may not be more than 26-inches in height, width or depth.
6. Materials - including but not limited to obstacles, spare batteries, and mats for testing the robot - may be placed in a separate container, which is not included in the robots' dimensions. This container may not be larger than 576 cubic inches as measured along the outside of the container (examples: 4" x 4" x 36" or 4" x 8" x 18" or 6" x 6" x 16"). The container, if used, and/or any large objects (such as mats or obstacles) should be labeled with the exhibitor's name(s) and 4-H club.
7. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.

8. Robots may be powered by an electrical, battery, water, air, 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. Robots 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 inflict damage and/or harm to individuals, animal life, and/or property.
9. **Remote controlled robots** are allowed under certain conditions provided that the robot is not drivable. Robots programmed on phones/tablets need to have a specific program created, using motion controls to move the robot are not acceptable, for example “press forward on the screen to make the robot go forward.” Robotic arms (hydraulic or electric) 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.
10. Each robot must be in working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete its intended task. In the event the robot uses a phone, tablet, or similar device for both programming AND control of the robot a video will be used to evaluate the working condition of the robot.
11. Each exhibitor is required to complete the “4-H Robotics Exhibit Information Form” which is available through 21 Central District Extension office or at <http://robotics.engtech4ks.com/>.
12. This form must be attached to the outside of a 10” x 13” manila envelope. All revisions of all forms previously released for the Robotic division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.
13. The exhibit must include written instructions for operation (the instructions should be written as if they were to tell a grandparent or elderly person how to operate the robot), 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 manila envelope mentioned above. Robot programming information can be, but not limited to, source code, block diagrams, screen captures of the coding window, and other images that show the programming logic used. The exhibitor may enter their electronic project listed under the Electric/Alternative Energy program if the exhibitor so chooses.
14. In the event that the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT include the device (phone, tablet, etc.). The device’s safety cannot be insured. Instead record a video demonstrating the instructions included for your robot. It should show, setting up the robot, starting the robot, the robot executing its task, and powering off the robot, just like the instructions are written.
15. Exhibitors are encouraged to participate in consultative judging. However, exhibitors are allowed to include a video of them following their instructions for operation. The video should be no longer than 8 minutes and should be placed on the USB drive or micro-SD card drive or, if desired, uploaded to YouTube as an unlisted video and a link to that video included in a file titled “VideoLink” or printed on a separate sheet of paper.
16. 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. Creativity, workmanship and functionality will be strong criteria in judging the “Robot Designed by Exhibitor” classes.
17. Exhibitor’s name(s) and 4-H club must be tagged or labeled on the robot such as on the bottom of the robot, exhibit cards are not an acceptable form of labeling.
18. There are no county or district boundaries that must be adhered to in order to form a Kansas 4-H Robotics team. However, as mentioned in Rule #1, each team member must be currently enrolled in the Kansas 4-H Robotics project.

#### **Intermediate Division (Ages 9 – 13 years)**

- |        |   |
|--------|---|
| 125509 | <u>Robot (made from purchased kit)</u> – no programming, just assembly  |
| 125510 | <u>Robot (designed by exhibitor)</u> – <u>not</u> a mere modification of an existing robot kit or plan              |
| 125511 | <u>Programmable Robot</u> (made from purchased kit)   |
| 125546 | <u>Robot (designed and constructed by exhibitor or from purchased kit)</u> – operated by a remote-controlled device |
| 125544 | <u>Junk Drawer Robotics</u>   |

#### **Senior Division (Age 14 years and older)**

- |        |   |
|--------|---|
| 125313 | <u>Robot (made from purchased it)</u> – no programming, just assembly |
|--------|---|

125514	<u>Robot (designed by exhibitor) – not a mere modification of an existing robot kit or plan</u>
125515	<u>Programmable Robot (made from purchased kit)</u>
125547	<u>Robot (designed and constructed by exhibitor or from purchased kit) – operated by remote-controlled device</u>
125545	<u>Junk Drawer Robotics</u>

#### **Team Robotics Project**

125517	<u>Robot (designed and constructed by 2 or more Robotics project members)</u> - The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable-type made from a purchased kit. This division is designed to encourage teamwork and cooperation among fellow 4-H Robotic members. As with many current high-tech projects, no one person designs and builds a robot alone. It takes brainstorming, planning, problem solving and cooperation of an entire team to complete a robotic project.
--------	---

#### **Robotics Educational Exhibit Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required. No manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to Robotics. Exhibits that do not clearly show a clear and direct relationship to the project area will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained and content. An exhibit judging score sheet available at <http://robotics.engtech4ks.com/>. For example, a computer program that did not work may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.
7. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits." Other components are to adhere to appropriate dimensions.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2-inches.
10. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the notebook or "Construction Kit". For educational displays and/or posters, the exhibitor's name, 4-H club, age and year(s) in the project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
11. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme;
  - b. What you want others to learn;
  - c. Be designed and constructed in a manner befitting the exhibit;
  - d. Be something you are interested in;
  - e. Be related to Astronomy.
12. If a safety violation is noted by judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

#### **Intermediate Robotics Educational Displays (Ages 9-13)**

125756	Intermediate Robotics Educational Display
125757	Intermediate Robotics Educational Notebook
125758	Intermediate Robotics Educational Poster



### **Senior Robotics Educational Displays (Ages 14 and older)**

125761	Senior Robotics Educational Display
125762	Senior Robotics Educational Notebook
125763	Senior Robotics Educational Poster

### **Team Robotics Educational Displays**

125766	Team Robotics Educational Display
125767	Team Robotics Educational Notebook
125768	Team Robotics Educational Poster

## **DIVISION – 4-H SELF-DETERMINED PROJECT**

1. This division is only for 4-H'ers enrolled in Self-Determined Project.
2. Posters must be on a piece of poster board or foam board not larger than 22" x 28".
3. Displays are to be self-standing with a maximum size of a 3' x 4' tri-fold display board.
4. Notebooks should be a 3-ring binder or scrapbook. Page protectors are encouraged.
5. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.
6. Project exhibits in this division are NOT eligible for the Kansas State Fair.

### **Self-Determined Classes**

128011	Item
128012	Poster
128013	Display
128014	Collection
128015	Notebook or Scrapbook
128016	Other

## **DIVISION – 4-H SEWING AND TEXTILE DESIGN**

1. All exhibitors must be enrolled in the Sewing and Textile Design project. (To exhibit at the Kansas State Fair, the exhibit must have competed at the Edwards County Fair in Sewing and Textile Design receiving at least a purple ribbon.)
2. Articles, garments, outfits may have been used/worn but should be carefully laundered or cleaned before being exhibited. Exhibits may be placed in clear plastic bags for protection to and from the Edwards County Fair. Bags will be removed for clothing display purposes. Items should be hung on swivel or wire hangers.
3. Identification Labels (sewn on or use a safety pin, no straight pins may be used):
  - a. Type or print on 3" x 2½" piece of cloth: Class Number, 4-H Club, Exhibitor Name.
  - b. Attach labels on inside of garment (back of neck, center back of waistband, or left end of apron band). Label each piece of exhibit.
  - c. An entry form and score card will be placed on the garment after judging.
4. Pre-cut kits are acceptable for all clothing classes. All articles/garments must be finished for use.
5. Exhibitors are encouraged to participate in consultative judging. The exhibitor is also welcome to attach an index card or photo, no larger than a 4" x 6" with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know and could include care information.
6. Educational Exhibit Classes offer exhibitors the chance to share with others what they learned in the Sewing and Textile project. Exhibits may be in the form of a poster, notebook, or display. Follow copyright laws, citing all sources of information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards. Take care to select durable materials that will withstand the Edwards County Fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board. Name and 4-H club must be clearly marked on educational exhibits.
7. Recycled Clothing Project consists of 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 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.

### **Junior Sewing and Textile Design Classes**

117011	Article Constructed by Junior (7-9 years old) 4-H'er
117014	Other Item Constructed by Junior (7-9 years old) 4-H'er
117016	Junior (7-9 years old) Educational Exhibit
117018	Junior (7-9 years old) Recycled Clothing Project

### **Intermediate Sewing and Textile Design Classes**

117021	Article Constructed by Intermediate (10-13 years old) 4-H'er
117024	Other Item Constructed by Intermediate (10-13 years old) 4-H'er
117026	Intermediate (10-13 years old) Educational Exhibit
117028	Intermediate (10-13 years old) Recycled Clothing Project

### **Senior Sewing and Textile Design Classes**

117031	Article Constructed by Senior (14-5 years old) 4-H'er
117034	Other Item Constructed by Senior (14-15 years old) 4-H'er
117036	Senior (14-15 years old) Educational Exhibit
117038	Senior (14-15 years old) Recycled Clothing Project

### **Advanced Senior Sewing and Textile Design Classes**

117041	Article Constructed by Advanced Senior (16-18 years old) 4-H'er
117044	Other Item Constructed by Advanced Senior (16-18 years old) 4-H'er
117046	Advanced Senior (16-18 years old) Educational Exhibit
117048	Advanced Senior (16-18 years old) Recycled Clothing Project

### **Sewing and Textile Constructed Garments Revue**

1. Complete a Judge's Score Card and Cost Per Wear Form. Exhibitor may include descriptors like fabric, colors, accessories, where you will wear the outfit, what you like best, etc.
2. Participants may model only what can be worn. Garments cannot be carried.
3. Contestants should use good sense in choosing items that are appropriate to be modeled publicly.
4. No live animals may accompany participant in the public revue, except for needed service animal.
5. In Sewing and Textile Design Constructed Garments Revue, a majority of the outfit must be constructed and modeled by the 4-H member who made the garment/outfit. Everything which is commonly considered an outer garment must be constructed (vest, jacket, dress, skirt, pants, coat, etc.). A sweater, blouse, or shirt that is worn underneath another constructed garment can be purchased or made.
6. To participate in the Kansas State Fair's 4-H Sewing and Textile Constructed Garments Revue, the exhibitor must have been declared the winner at the Edwards County Fair. Alternates may participate if winners cannot attend.

### **Sewing and Textile Garment Revue Classes**

300011	Junior (7-9 years old) Article
300012	Junior (7-9 years old) Outfit
300020	Intermediate (10-13 years old) Article
300021	Intermediate (10-13 years old) Outfit
300030	Senior Article (14-18 years old) Article
300031	Senior Outfit (14-18 years old) Article

## **DIVISION – SHOPPING IN STYLE**

### **Rules**

1. All exhibitors must be enrolled in the Shopping in Style project.
2. Posters can be flat poster board or foam board, no larger than 22" x 28".
3. Tri-fold educational displays must be free-standing and no larger than 36" x 48".
4. Photos of 4-H members in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles, good light and highlight details so that the judge may accurately evaluate the exhibit.
5. Exhibits should include actual photos of 4-H member in garments and may also include pictures from magazines or the internet.

## Shopping in Style Classes

- 300040 Junior (7-9 years old) Shopping in Style – Choose one of the following activities from Unit 1 or Unit 2 of the curriculum project manuals. Exhibit should consist of poster that showcases:
- A garment you purchased that reflects your personal style and explains how this garment reflects your style and how it influences what others think of you; OR
  - A garment you purchased and explains how your personal style either aligns or contradicts what is considered to be “in style” today; OR
  - A garment you purchased and explains or illustrates how this garment is a modern version of a fad or fashion from an earlier decade; OR
  - A garment you purchased and explains how this garment reflects a different ethnic or cultural influence; OR
  - A garment you purchased and includes a color discussion that provides an overview of how different colors and skin tones and how that influenced garment selection.
- 300041 Intermediate (10-13 years old) Shopping in Style – Choose one of the following activities from Unit 3 or Unit 4 of the curriculum manuals. Exhibit should consist of a display that showcases:
- An outfit you purchased to wear with a clothing item that was already in your wardrobe that still fits 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; OR
  - A top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity; OR
  - An outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear; OR
  - An outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs. Include your shopping budget and cost per wear; OR
  - An outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include a variety of shopping options and/or price tracking at stores over a period of time.
- 300042 Senior (14-18 years old) Shopping in Style – Choose one of the following activities from Unit 5 or Unit 6 of the curriculum project manuals. Exhibit should consist of a display that showcases:
- An outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers; OR
  - An outfit you purchased which you have repaired or altered. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments; OR
  - An outfit you purchased along with plans and commentary for a fashion show that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget and logistical plan for the fashion show; OR
  - An outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. Display should include photos and list of your assembled clothing first aid kit. Include itemized expenses; OR
  - An outfit you purchased and feature any other completed activity from the Shopping in Style curriculum of your choosing that isn’t listed above.

## Shopping in Style Fashion Revue

1. 4-H'er may enter up to 5 outfits for Fashion Revue; 1 outfit per class.
2. Judging will take place on Tuesday, July 9<sup>th</sup> starting at 5:30 p.m. Results will be announced at the Public Shopping in Style Fashion Revue, held on Wednesday during the Fair, on July 17<sup>th</sup> at 6:00 p.m. in the Show Arena.
3. In Shopping in Style Fashion Revue, a majority of the outfit must be purchased (not borrowed) 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 and constructed by another person (vest, jacket, dress, skirt, pants, coats, etc.).
4. Fashion Revue outfits must be pre-entered by the date specified by 21 Central District Extension Office. A description of each outfit and accessories is also required. Some descriptors may include fabric, colors, accessories, where you will wear the outfit, what you like best, etc. The forms are available online at [www.21central.ksu.edu](http://www.21central.ksu.edu).
5. Intermediate and Senior 4-H members should also complete the Cost Per Wear Form.
6. Fashion Revue participants are required to participate in the Public Fashion Revue and may model up to 2 outfits in the Public Fashion Revue.
7. Shopping in Style garments will be displayed during the Edwards County Fair. The 4-H'er is responsible for bringing their garments in during entry time.
8. Grand Champions and Reserve Grand Champions in Intermediates and Seniors are the only ones allowed to compete at the Kansas State Fair's 4-H Shopping in Style Fashion Revue.
9. Participants may model only what can be worn. Garments cannot be carried.
10. Contestants should use good sense in choosing items that are appropriate to be modeled publicly.
11. No live animals may accompany participant in public Shopping in Style Fashion Revue; exception needed service animals.

### Shopping in Style Fashion Revue Class Descriptions:

Dress-Up	church, party clothes, nice dresses/suits, sport coat/tie/slacks, etc.
School/Casual	school, sweaters, skirts, blouses, jeans, jumpers, etc.
Sport/Play	shorts, active wear, sweats, jogging suits, etc.
Western	western-style clothing
Formal	outfit suitable for evening or semi-formal events
Thrifty	outfit purchased as second-hand or hand-me-down

### Junior (7-9 years old) Shopping in Style Fashion Revue

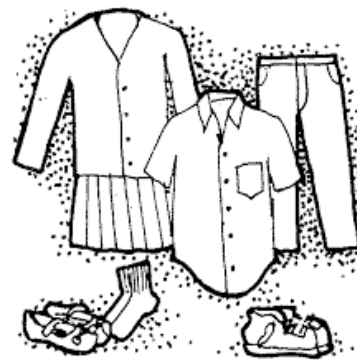
300043	Junior Dress-Up Wear
300044	Junior School/Casual Wear
300045	Junior Sports/Play Wear
300046	Junior Western-Style Wear
300047	Junior Other
300048	Junior Thrifty

### Intermediate (10-13 years old) Shopping in Style Fashion Revue

300050	Intermediate Dress-Up Wear
300051	Intermediate School/Casual Wear
300052	Intermediate Sport/Play Wear
300053	Intermediate Western-Style Wear
300054	Intermediate Other
300055	Intermediate Thrifty

### Senior (14-18 years old) Shopping in Style Fashion Revue

300060	Senior Dress-Up Wear
300061	Senior School/Casual Wear
300062	Senior Sports/Play Wear
300063	Senior Western-Style Wear
300064	Senior Other
300065	Senior Thrifty



## DIVISION – 4-H SHOOTING SPORTS

1. Only 4-H'ers who have completed basic training in Shooting Sports disciplines may compete in the discipline(s) they are enrolled in.
2. Disciplines and ages:  
Archery: 7-18 years of age  
Air Pistol: 12-18 years of age  
Air Rifle: 7-18 years of age  
BB Gun: 7-14 years of age  
Muzzle Loading: 12-18 years of age  
Hunting Skills: 7-18 years of age  
Shot Gun: 10-18 years of age  
Small Bore Pistol: 13-18 years of age  
Small Bore Rifle: 12-18 years of age
3. Skill Levels are:  
Novice – 1<sup>st</sup> year in discipline  
Intermediate – 2<sup>nd</sup> & 3<sup>rd</sup> year in discipline  
Advanced – 4<sup>th</sup> year and over in discipline
4. The target will be scored by the certified Shooting Sports instructors & coordinator.
5. Grand Champion and Reserve Grand Champion will be determined by composite scores from all disciplines.

### Archery Classes

130051	<u>Novice Recurve</u> : 3D targets at varying distances; 10 total arrows. FITA at varying distances: 12 arrows at 20 meters, 12 arrows at 30 meters, 24 total arrows.
130052	<u>Novice Compound</u> : 3D targets at varying distances; 10 total arrows. FITA at varying distances: 12 arrows at 20 meters, 12 arrows at 30 meters, 24 total arrows.
130053	<u>Intermediate Recurve</u> : 3D targets at varying distances, 10 total arrows. FITA at varying distances, 12 arrows at 20 meters, 12 arrows at 30 meters, 24 total arrows.
130054	<u>Intermediate Compound</u> : 3D targets at varying distances, 10 total arrows. FITA at varying distances, 12 arrows at 20 meters, 12 arrows at 30 meters, 24 total arrows.
130055	<u>Advanced Recurve</u> (13 and under): 3D targets at varying distances, 20 total arrows. FITA at varying distances, 12 arrows at 20 meters, 12 arrows at 30 meters, 24 total arrows.
130056	<u>Advanced Compound</u> (13 and under): 3D targets at varying distances, 20 total arrows. FITA at varying distances, 12 arrows at 20 meters, 12 arrows at 30 meters, 24 total arrows.
130057	<u>Advanced Recurve</u> (14 and over): 3D targets at varying distances, 20 total arrows. FITA at varying distances, 12 arrows at 30 meters, 12 arrows at 40 meters, 24 total arrows.
130058	<u>Advanced Compound</u> (14 and over): 3D targets at varying distances, 20 total arrows. FITA at varying distances, 12 arrows at 30 meters, 12 arrows at 40 meters, 24 total arrows.

### Air Pistol Classes

130061	<u>Novice</u> : Slow fire, 20 shots
130062	<u>Intermediate</u> : Slow fire, 20 shots; Silhouettes, 20 shots
130063	<u>Advanced</u> : Slow fire, 20 shots; Rapid fire, 20 shots, Silhouettes, 20 shots

### Air Rifle Classes

130011	<u>Novice</u> : 3 positions, 10-bull targets, 10 shots each position, 30 shots total
130012	<u>Intermediate</u> : 3 positions, 10-bull targets, 10 shots each position, 20 shots total
130013	<u>Advanced</u> (13 and under): 3 positions, 10-bull targets, 10 shots each position, 20 silhouette shots, 50 shots total
130014	<u>Advanced</u> (14 and over): 3 positions, 10-bull targets, 10 shots each position, 20 silhouette shots, 50 shots total

### BB Gun Classes

130041	<u>Novice</u> : 2 positions, prone and kneeling or sitting, 10-bull targets, 10 shots each position, 20 shots total
130042	<u>Intermediate</u> : 3 positions, kneeling or sitting, 10-bull targets, 10 shots each position, 30 shots total
130043	<u>Advanced</u> : 4 positions, 10-bull targets, 10 shots each position, 40 shots

### **Hunting Skills Classes**

- 130091      Novice: Written test & score from 1 discipline shot at Fair.  
130092      Intermediate: Written test & scores from 2 disciplines shot at Fair.  
130093      Advanced (13 and under): Written test & scores from 3 disciplines shot at Fair.  
130094      Advanced (14 and over): Written test & scores from 4 disciplines shot at Fair.

### **Muzzle Loading Classes**

- 130031      Novice: 10 bench shots at 25 yards (100 points)  
130032      Intermediate: Standing, 10 shots at bull targets at 50 yards, 5 shots Heftners at 25 yards, and 5 shots at bottles at 25 yards – total 20 shots (200 points)  
130033      Advanced: Standing, 10 shots at bull targets at 50 yards, 10 shots Heftners at 25 yards, and 10 shots at bottles at 25 yards – total 30 shots (300 points)

### **Shotgun Classes**

- 130021      Novice: 50 shots at 16 yards  
130022      Intermediate: 25 shots at 16 yards and 25 shots at 20 yards, total 50 shots  
130023      Advanced (13 and under): 25 shots at 16 yards and 25 shots at 20 yards, total 50 shots  
130024      Advanced (14 and over): 25 shots at 16 yards and 25 shots at 20 yards, total 50 shots

### **Small Bore Pistol Classes**

- 130081      Novice: Slow fire (B-2 targets), 5 shots per bull; 20 shots total  
130082      Intermediate: Slow fire (B-2 targets), 5 shots per bull; 20 shots. Timed fire, (B-3 targets), 5 shots per bull, 20 shots. 40 shots total.  
130083      Advanced: Slow fire (B-2 targets), 5 shots per bull; 20 shots. Timed fire, (B-3 targets), 5 shots per bull, 20 shots. Silhouettes (TQ-12 & TQ-3) 2 rams, 2 turkeys, 2 pigs, 2 chickens; 5 shots per animal; 40 shots. Total 80 shots

### **Small Bore Rifle Classes**

- 130071      Novice: 3 positions (A 23/5 target), 10 shots per position; 30 shots total  
130072      Intermediate: Silhouettes – 10 chickens at 40 meters, 10 pigs at 60 meters, 10 turkeys at 77 meters, 10 rams at 100 meters; 40 shots.  
130073      Advanced: 3 positions (A 23/5 target), 10 shots per position, 30 shots. Silhouettes – 10 chickens at 40 meters, 10 pigs at 60 meters, 10 turkeys at 77 meters, 10 rams at 100 meters; 40 shots. 70 shots total

### **Shooting Sports Exhibits**

#### **Rules**

1. Exhibits in this division are open to educational displays, promotional posters or experiential displays.
2. Follow copyright laws, citing all sources of information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
3. Take care to select durable materials to withstand Edwards County Fair conditions.
4. The exhibit size rule will be enforced. Exhibits exceeding the size will be penalized one ribbon color.
5. Educational displays must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 3' x 4' unless there is a topper that sits on top of the board and does not take up additional table space; no additional table space will be available for promotional brochures or display items; content not to exceed display board borders.
6. Promotional poster must be flat and no larger than 22" x 30"; content no to exceed display board borders. Exhibits may be displayed on the wall.
7. Notebooks must be no larger than 8½ x 11- inch.
8. Exhibitors must comply with state and federal laws, enforced by the Edwards County Fair and 21 Central Extension District.
9. No "live" ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and "live" ammunition. The substitution must be clearly described on the back of the poster, display or in notebook.
10. The Kansas 4-H Youth Development, KSRE, 21 Central Extension District and Edwards County Fair Board are not liable for the loss or damage of any personal property included as part of your poster, display or notebook.
11. Name, 4-H club, age and year in project should be on the front of the poster, display or notebook, unless special arrangements are made because of declination of publicity release.

12. Exhibit topics regarding firearm care, handling, and shooting will only be accepted from 21 Central District's 4-H Certified Shooting Sports Programs.
13. Exhibits will not be accepted if they are related to reloads.

#### **Educational/Promotional Classes**

- |        |  |
|--------|--|
| 130099 | <u>Educational Display</u> – must be directly related to the 4-H Shooting Sports project (standard tri-fold boards only) |
| 130100 | <u>Promotional Poster</u> – must promote 4-H Shooting Sports project   |
| 130101 | <u>Notebook</u> – contents must pertain to some phase, results, story or information about 4-H Shooting Sports           |

#### **Experiential Classes**

- |        |   |
|--------|---|
| 130102 | <u>Shooting Aid or Accessory</u> - (SF253) - Any item the 4-Her makes which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.  |
| 130103 | <u>Storage Case</u> - (SF254) - Any item the 4-Her makes with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft sided shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.  |
| 130104 | <u>Practice Game or Activity</u> - (SF255) - Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members. |

## **DIVISION – 4-H UNCREWED AIRCRAFT SYSTEMS**

### **Rules**

1. The 4-H members must be currently enrolled in the 4-H Uncrewed Aircraft Systems project to exhibit in this division.
2. Each exhibitor may enter any number of exhibits per class. Exhibits must have been completed during the current 4-H year. (To exhibit at the Kansas State Fair, 4-H'ers must be selected at the Edwards County Fair.)
3. The information that accompanies the UAS must be limited to the 4-H Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the UAS. This may be downloaded from <http://uas.engtech4ks.com/>. Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon. Forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year.
4. Exhibitors are encouraged to consultative judging. Each exhibit may also include a video of the youth operating their UAS. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on a USB drive or micro/SD card or, if desired, uploaded to YouTube as an unlisted video and link to that video included in a file titled "VideoLink" or printed on a separate sheet of paper.
5. Exhibitor's name, 4-H club, age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
6. Uncrewed Aircraft System that includes or depicts weaponry of any kind will be disqualified.
7. For scratch built UAS kits, if modifications are made to the exhibit, a page should be attached noting those modifications.
8. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.
9. The same UAS may be used by multiple exhibitors for different practical application entries.

### **Intermediate Division (Ages 10-13)**

- |        |   |
|--------|---|
| 125701 | <u>Uncrewed Aircraft System</u> - Designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.                    |
| 125702 | <u>Practical Application of an Uncrewed Aircraft System</u> (constructed from a purchased kit) This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping |

Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

#### **Senior Division (Ages 14 and older)**

- 125706      Uncrewed Aircraft System - Designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.
- 125707      Practical Application of an Uncrewed Aircraft System (constructed from a purchased kit)  
This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

#### **UAS Educational Exhibit Rules**

1. For notebooks, display boards, and posters, no additional exhibit information is required. No manila envelope is needed for these exhibits.
2. Exhibits are to have a clear link to Uncrewed Aerial Systems. Exhibits that do not clearly show a clear and direct relationship to the project area will be disqualified.
3. Exhibits in posters, notebooks and display boards must contain substantial supporting materials.
4. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained and content. An exhibit judging score sheet available at <http://uas.engtech4ks.com/>. For example, a computer program that did not work may be made into an educational display or poster that tells a great story with many lessons learned.
5. Follow copyright laws, citing all sources of information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.
6. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Edwards County Fair conditions.
7. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits." Other components are to adhere to appropriate dimensions.
8. Educational Project notebooks must be organized in a 3-ring binder.
9. Any three-dimensional poster or display board exhibits may not be thicker than 2-inches.
10. Exhibitor's name, 4-H club, age and year(s) in project must be tagged or labeled in a prominent location on the notebook or "Construction Kit". For educational displays and/or posters, the exhibitor's name, 4-H club, age and year(s) in the project must be tagged or labeled on the back of the exhibit. Exhibit cards are not sufficient as they may be removed or repositioned for display. Failure to label an exhibit may result in one ribbon placing deduction.
11. Exhibits should possess the following qualities (in no particular order):
  - a. A central theme;
  - b. What you want others to learn;
  - c. Be designed and constructed in a manner befitting the exhibit;
  - d. Be something you are interested in;
  - e. Be related to Astronomy.
12. If a safety violation is noted by judges, superintendent, or Extension staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.

#### **Uncrewed Aircraft System – Intermediate Educational Division (Ages 9-13)**

- 125781      Intermediate Uncrewed Aerial System Educational Display
- 125782      Intermediate Uncrewed Aerial System Educational Notebook
- 125783      Intermediate Uncrewed Aerial System Educational Poster

#### **Uncrewed Aircraft System – Senior Educational Division (Ages 14 and older)**

- 125786      Senior Uncrewed Aerial System Educational Display
- 125787      Senior Uncrewed Aerial System Educational Notebook
- 125788      Senior Uncrewed Aerial System Educational Poster



## **DIVISION – 4-H VETERINARY SCIENCE**

1. The 4-H members must be currently enrolled in the 4-H Veterinary Science project to exhibit in this division.
2. A Veterinary Science exhibit may consist of a poster, notebook or project display. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit 1.
3. 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.
4. First-Aid Kits: Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, animal first aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs or empty packaging of pharmaceuticals.
5. Veterinary Science Posters: This exhibit presents the view with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 30" and may be either vertical or horizontal.
6. Veterinary Science Displays: A Display may include but is not limited to a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton, teeth; samples of leather, fur or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on ¼" plywood or equivalent that does not exceed 24" high or 32" wide or in a three-ring binder or another bound notebook format.
7. Veterinary Science Notebooks: Individual entries are to be placed for display in a three-ring notebook for competition. Notebooks may not be larger than an 8½" x 11".
8. 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.
9. Because these are science displays, all references and information must be properly cited. Proper sources include but are not limited to professional journals and publications, professional AVMA accredited websites, interviews with veterinarians, and excerpts from veterinary education literature. Plagiarism will result in disqualification. Please study your topic and present the information to your audience in your own words.

### **Veterinary Science Classes**

125795	Veterinary Science Large Animal Poster, Notebook or Display
125796	Veterinary Science Small Animal Poster, Notebook or Display

## **DIVISION – 4-H VISUAL ARTS & CRAFTS**

1. A 4-H'er may enter 4 entries per class with a limit of 7 entries per 4-H Visual Arts & Crafts Division.
2. Exhibit that is to be hung should be appropriately framed/mounted with hangers attached so it can be displayed as such.
3. Designate on entry tag and label if work is considered to be original in design (not a kit, did not use a pattern or copy another person's idea, etc.) Exhibitors are encouraged to create original designs. (Follow copyright laws, citing all sources of information in a standard notation. Kits and preformed molds are not considered original. Combining parts of different patterns – picture, photographs, images from the internet or a magazine – with member's own ideas can result in an original design, but simply changing the color, pattern, and/or size of pattern does not make the design original. If a photo, sketch or other idea source was used, submit it with your entry, firmly attached to your exhibit. Sources of information must be cited on your exhibit)
4. 4-H members may display exhibits only in classes in which they are enrolled.
5. Multipiece items should be marked accordingly.
6. No plants or plant materials needing watering can be entered as an art display or item.
7. One item from each of the 5 categories will be selected for the Kansas State Fair. (Fine Arts, Clay & Ceramics, Leather & Jewelry, 3-Dimensional, and General Crafts)

### **Junior (7-9 years old) Division**

120001	Paper Construction (cut & paste)
120004	Printing
120005	Fiber
120006	Crafts
120007	Carving
120008	Leather (kit)
120009	Flower Arrangement (dried, silk, plastic, etc.)
120011	3-D Construction
120012	Jewelry
120013	Glass
120014	Recycled Materials
120015	Holiday
120016	Other – small
120017	Other – large



### **Intermediate (10-13 years old) Division**

120023	Printing
120024	Fabrics or Fibers
120025	Leather (kit)
120026	Crafts
120027	Carving
120028	Flower Arrangement (dried, silk, plastic, etc.)
120030	3-D Construction
120032	Jewelry
120034	Glass
120035	Recycled Materials
120036	Holiday
120037	Other – small
120038	Other – large

### **Senior (14-18 years old) Division**

120205	Carving
120206	Leather (kit)
120207	Leather (original)
120208	Crafts
120209	Flower Arrangements (dried, silk, plastic, etc.)
120211	3-D Construction
120212	Jewelry
120214	Fabrics & Fibers
120215	Glass
120216	Recycled Materials
120218	Holiday
120219	Other – small
120220	Other - large

### **Miscellaneous Division (All Age Groups)**

500600	Barn Quilt Contest (see Special Contests)
500250	Lego Contest (see Special Contests)

## **DIVISION – 4-H WILDLIFE**

1. Exhibitors must be enrolled in the Kansas 4-H Wildlife project to exhibit in this division.
2. See General Regulations – 4-H Section
3. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.

4. Name, 4-H club, age and year in project should be in prominent location on the exhibit.
5. Posters must be on a piece of poster board or foam board not larger than 22" x 28".
6. Displays are to be self-standing with a maximum size of a 3' x 4' tri-fold display board.
7. Notebooks: Individual entries are to be place for display in a three-ring notebook for competition. Notebooks may not be larger than an 8½" x 11".
8. 4-H exhibitors should avoid using copyrighted and/or trademarked materials whenever possible, by originating his/her work. Copyrighted and/or trademarked materials used in exhibits for endorsements or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.

#### **Wildlife Display & Notebook Classes**

- |        |   |
|--------|---|
| 123011 | <u>Project Poster</u> (Juniors 7-9 & Intermediates 10-13) – must relate to something learned in the Wildlife Project (flat poster board or foam board no larger than 22" x 28"), i.e., types of traps, track identification, habitats of species, type of fishing lures, etc. |
| 123012 | <u>Notebook</u> (Intermediate 10-13 & Seniors 14-18) – contents pertain to some phase, results, story or information about the wildlife project.  |
| 123013 | <u>Educational Display</u> (Seniors 14-18) – must be related to something learned in the wildlife project (i.e., life cycle of species, animal adaptations, food sources of Kansas wildlife, food chain illustrations, etc.).   |

#### **Wildlife Experiential/Other Classes**

- |        |   |
|--------|---|
| 123014 | <u>Fish Harvesting Equipment</u> – (SF168) – on a board display equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where each item is used.  |
| 123015 | <u>Build a Fishing Rod</u> – (SF 169) – a fishing rod educational exhibit may not exceed 96-inches in length. Exhibit must be mounted on a board. Include with the exhibit. Explanation of cost of materials/components and how many hours required for construction. Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. The exhibit will be judged on workmanship, labeling of parts, information and neatness. |
| 123016 | <u>Casting Target</u> – (SF 170) – 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.  |
| 123017 | <u>Wildlife Harvesting Equipment</u> – (SF 171) – on a board display equipment used in harvesting wildlife. Examples: expended ammunition casing (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: the purpose of each item, when or where it is used and personal experiences with the item.  |
| 123018 | <u>Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessories</u> – (SF 168) – use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype, and any adjustments you made.  |
| 123019 | <u>Tanned Hides</u> – (SF 172) – exhibit of a wild animal hide properly processed by the member. If not mounted, it must be in a clear clothing bag with a 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.  |

- 123020 Taxidermy – (SF 172) – 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.
- 123021 Wildlife Tracks – (SF 158) – a 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 – 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 – Show two or more Plaster-of-Paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal; OR
  - Option 3 – 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.
- 123022 Wildlife Knowledge Check – (SF 159) – use electrical circuits, picture or other methods of teaching wildlife identification or other wildlife conservation or shooting sports-related knowledge. Plan size and shape to fit display area of 24" x 24" (maximum).
- 123023 Houses – (SF 165) – 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 kinds 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 or experiences.
- 123024 Feeders/Waterers – (SF 166) – make a bird bath or feeder. Examples: seed, suet or nectar feeders. Squirrel feeder allowed; no insect feeders. Include the following information: 1) the kinds 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, 4) any evidence of your personal observations or experiences.

## **DIVISION – 4-H WOOD WORKING**

1. Exhibitors must be enrolled in the Kansas 4-H Wildlife project to exhibit in this division.
2. See General Regulations – 4-H Section.
3. Any number of entries may be made per class.
4. The plan from which the exhibit was constructed MUST be with the article to be judged. The plan may be photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. (Please Note: A set of step-by-step instructions is NOT a plan.)
5. Projects with missing or insufficient plans will be lowered on ribbon placing.
6. The use of materials other than wood should be kept to a minimum.
7. Projects that have unsecured glass (i.e., glass shelves, glass top of a coffee table, etc.) should be brought NOT be brought to the Edwards County Fair. 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.
8. The 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.
9. Exhibitors are encouraged not to enter projects made from pre-cut kits.
10. In judging woodwork articles, consideration will be given to workmanship (accuracy to the plans), design, choice of wood, suitability, quality of finish, and usefulness.

11. Firearms and weapons are NOT to be entered or exhibited at the Edwards County Fair under the guidance of the Kansas 4-H Youth Development Department.

**Wood Working Classes**

- |        |   |
|--------|---|
| 112011 | Articles for Farm/Shop Use  |
| 112012 | Furniture for Household or Lawn Use                                     |
| 112013 | Article Made with Recycled Wood<br>(No Class at Kansas State Fair)      |
| 112014 | Refinished Wood Article or Furniture<br>(No Class at Kansas State Fair) |
| 112015 | Wood Craft  |
| 112016 | Other Articles  |

