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# 4-H and FFA General Rules

## DO THE RIGHT THING!!

- Exhibitors must be currently enrolled in 4-H or FFA in the project in which he or she wishes to exhibit in.
  - Exhibitors must be enrolled in the program by December 1 to be eligible to exhibit at the County Fair.
  - Entries must be a product of the current year's work.
  - All entries except livestock must have the official 4-H entry tag. Tags will be printed at the Extension Office and will be available for members at each event. Special tags or forms are required for certain projects and these are listed under each separate division.
  - It is the responsibility of the individual 4-H or FFA member to pre-enter exhibits with the Extension Office by the required date.
  - Entries in all classes must be made on an official 4-H entry blank and turned into the Extension Office by **4:00 p.m. on FRIDAY, JULY 8.**
  - Classes divided by age are based on a 4-H/FFA member's age on January 1 of the current year.
  - **MAKE A SEPARATE ENTRY FOR EACH PROJECT SHOWN (animal, craft, etc.)**
  - One entry for each class or phases enrolled in is allowed unless otherwise stated.
  - An exhibit may only be entered in one class.
  - Members must enter and exhibit in the projects in which they are enrolled.
  - Exhibitors should learn the guidelines and exercise caution when using copyrighted materials whenever possible by originating their own work.
  - **All exhibits must be in place and entered by 10:00 a.m. on July 20.** Market livestock entries must be in place by **7:30 p.m. on July 20.** Breeding animals and bucket calves must be checked in by 8:00 p.m. on July 20.
  - All entries must remain in place until **1:00 p.m. on Saturday, July 23.** All entries must be removed by 2:30 p.m. Exception is sale animals.
- Any exhibitor who removes their entries before the appropriate check out time will **FORFEIT** their premium money and awards!!
  - Grand Champion and Reserve Grand Champion will be awarded in all divisions where the exhibits merit the award, except when otherwise designated.
  - An exhibit receiving state fair blue will be eligible for the Kansas State Fair if class and age requirements are met. An \* is used to denote classes that are not state fair eligible. Minimum age to exhibit at the Kansas State Fair is 9 years old by January 1 of current year.
  - All entries will be placed in the blue, red, or white ribbon groups. The Fair Association sets aside \$1,000 to be used for ribbon premium money. The money will be divided among exhibitors based on the following point system. Grand & Reserve Grand Champion – 5; Class Champion & Reserve Class Champion – 4; Blue – 3; Red – 2; White – 1.

## Section 1 - Inside Exhibits

### Division 1A - Visual Arts & Crafts

**Superintendent – Julie Tracy & Cheryl Muecke**

4-H'ers may exhibit **TWO** items in each class. Art work should be ready to display or hung to be complete. Drawings and sketches should be mounted on heavy paper with a border or matted and framed so they may be hung for display.

A number of exhibits may be selected for displaying at the Kansas State Fair. Each county may submit one entry from each of the five categories (Fine Arts, Clay and Ceramics, Leather and Jewelry, Three Dimensional, and General Crafts). Exhibits are selected/determined by the Visual Arts judge.

Age divisions are Junior (7 - 9); Intermediate (10 - 13) and Senior (14 and older) as of January 1 of the current year. Awards will be given to age

divisions champions and reserve champions and to the overall Grand and Reserve Grand Champion Visual Arts.

Class 1	General Crafts - Junior
Class 2	General Crafts - Intermediate
Class 3	General Crafts - Senior
Class 4	Clay & Ceramics - Junior
Class 5	Clay & Ceramics - Intermediate
Class 6	Clay & Ceramics - Senior
Class 7	Leather & Jewelry - Junior
Class 8	Leather & Jewelry - Intermediate
Class 9	Leather & Jewelry - Senior
Class 10	Fine Arts - Junior
Class 11	Fine Arts - Intermediate
Class 12	Fine Arts - Senior
Class 13	Three Dimensional - Junior
Class 14	Three Dimensional - Intermediate
Class 15	Three Dimensional - Senior
Class 16	Drawing - Junior
Class 17	Drawing - Intermediate
Class 18	Drawing - Senior
Class 19	Painting - Junior
Class 20	Painting - Intermediate
Class 21	Painting - Senior

## Division 1B - Booths & Banners

### Superintendent – Debbie Zellner

Each club president should make the entry for their club's banner and/or booth.

Booths and banners should illustrate a phase of 4-H work which is being practiced by youth in 4-H or promote 4-H in general.

**Clubs should avoid using copyrighted materials whenever possible by originating their own work. Copyrighted and/or trademarked materials utilized in banners for endorsement or promotion instead of educational purposes will be disqualified and will not be displayed.**

Space allowed for booths is six feet deep and six feet wide. Banners are two dimensional displays, depicting one idea. Banners should be made of non-flammable materials that permit the banner to be folded or rolled without damaging the display. Three-dimensional objects may not be attached to the banner.

Dimensions of banners are to be 12-16 square feet with a no side less than 3 feet. Banners must be hung on a rod strong enough to support the banner.

On each end of the dowel rod, there must be a wire or chain 6" long. On the other end of the 6" chain, attach an "S" hook which will permit the banner to be suspended by the chains on the wire.

Attach a label to the front lower left-hand (as you face it) corner of the banner giving the name of the club. Letters should be two inches in height.

Class 22 Club Booth\*

Class 23 Club Banner\*

## Division 1C - Energy Management

### Superintendent – Debbie Zellner

A sheet of operation instructions should be furnished if exhibit is not self-explanatory.

Items should be cleaned before exhibiting. Projects for classes 24, 25, 26 must be operable using only 110 or 120V AC or battery power. If battery power is required, batteries must be furnished by the exhibitor. 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.

No hand dipped solder may be used on exhibits.

Class 24 **AC ELECTRIC PROJECTS -** Electric projects with a 110 or 120V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliance extension cords, trouble lights, indoor or outdoor wiring boards, or shop lights. Projects may be a restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V; no 240V exhibits are allowed, and must be constructed such that the judges have access to examine the quality of workmanship.

Class 25 **DC ELECTRIC PROJECTS -** Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered projects. Examples include: wiring two or three-way switches, difference between series/parallel lighting circuits or wiring doorbell switches. All DC electric

projects must work with batteries supplied by the 4-H'er. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

**Class 26 ELECTRONICS PROJECT -** Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

**Class 27 EDUCATIONAL DISPLAYS AND EXHIBITS -** The purpose of the educational display and exhibit is to educate the viewer about a specific area of the 4-H electrical or electronics project. The display or exhibit should illustrate one basic idea. This class includes educational displays, exhibits or science fair type projects which DO NOT have a power source, i.e. exhibits, posters or displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology. Educational displays and exhibits must be legible from a distance of four feet, using a maximum tri-fold size of 3' x 4'.

#### **SMALL ENGINES**

All exhibits should involve engines smaller than 20 horsepower for classes 25 - 27. Displays are limited to 4' wide and 4' deep - both upright and floor displays.

**Class 28 DISPLAY -** Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine work; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display. Maximum tri-fold size is 3' x 4'.

**Class 29 MAINTENANCE -** Exhibit a display that illustrates either 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in the engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display, using a maximum tri-fold size of 3' x 4'.

**Class 30 OPERATION -** Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. Maximum tri-fold size is 3' x 4'. Engine should contain no fuel in tank or carburetor.

#### **Alternative Energy (A form of energy derived from a natural source such as sun, geothermal, wind, tides, or waves).**

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. All displays must be self-standing.

**Class 31 EDUCATIONAL DISPLAY -** Create an exhibit that addresses a focused topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.

**Class 32 EXPERIMENT -** Display an experiment addressing a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions, and recommendations for future study.

### **Division 1D - Entomology** **Superintendent – Debbie Zellner**

A member may exhibit in the Entomology Collection, Entomology Notebook, and/or Educational Display categories. Within each category, there are classes in Beginning, Intermediate or Advanced phases. The introductory entomology collection class is for first year members only and is not eligible for the Kansas State Fair.

Resources for exhibiting can be found on the Kansas 4-H Entomology project page: <https://www.kansas4-h.org/projects/agriculture-and-natural-resources/entomology.html>

### COLLECTION CLASSES

All entries should be submitted in an 18 x 24 x 3.5-inch wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased if they are of the correct size.

Resources for exhibiting can be found on the State Kansas 4-H website at: <https://www.kansas4-h.org/projects/agriculture-and-natural-resources/entomology.html>

4-H'ers may choose to use one of two taxonomies: a) as printed in "Insects in Kansas" book or b) as printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net).

Each exhibitor is required to identify each box with two identification labels bearing Exhibitor's name, county or district, 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.

The number of orders, specimens (and families where required) must be included on both of the exhibitor's box identification labels. Only one adult insect per species can be used in the Collection Boxes and Notebook classes, unless labeled as male or female and correctly identified.

Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then Family where required.

For each collection class, 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.

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.

Only specimens of the class Insecta should be included.

Purchased insects are not to be exhibited in collections, but they may be used in educational displays.

Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.

### INTRODUCTORY ENTOMOLOGY

Class 33 **For Beginners\*** - This class is for first year members in Entomology. These collections are to be exhibited in small cardboard or plastic boxes. Boxes can be homemade by placing a layer of polystyrene foam in the bottom of a shoebox, school box, or storage container or can be purchased from a biological supply company.

### BEGINNING ENTOMOLGOY I

Class 34 **Collection** - Display in one standard box a minimum of 50 and maximum of 125 species representing at least 7 orders. Follow the general rules listed for all collections. Members can exhibit in this class a maximum of three years.

### BEGINNING ENTOMOLOGY II

Class 35 **Collection** - Display in one standard box a minimum of 75 and maximum of 150 species representing at least 9 orders. Follow the general rules listed for all collections. Members can exhibit in this class a maximum of three years.

### INTERMEDIATE ENTOMOLOGY

Class 36 **Collection** - Display a minimum of 100 and maximum of 300 insects representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)  
a) "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or  
b) "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](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 three years.

### **ADVANCED ENTOMOLOGY**

**Class 37 Collection** - Display a minimum of 150 and maximum of 450 insects representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. 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 in this project; and/or what insects you have studied. Attach paper to the back of one of the display boxes. Members can exhibit in this class for an unrestricted number of years.

### **NOTEBOOK CLASSES**

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

4-H'ers may choose to use one of two taxonomies: a) as printed in "Insects in Kansas" book or b) as printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net)

4-Hers 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.

Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitors name, county or district and class 4-H'er is enrolled in and statement of taxonomy used:

- a) "Insects in Kansas" book or
- b) "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net)

The number of orders, specimens, and families (required in Intermediate and Advanced classes) must also be included on the Title Page.

Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.

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

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

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.

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.

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

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.

A special project must be completed each year and included in the notebook. See project guideline materials for specifications.

Refer to the publication "Entomology Collection Notebook Guidelines" on the Kansas 4-H Entomology web page for more detailed rules for exhibiting.

**Class 38 Introductory Notebook** - Display a minimum of 10 and a maximum of 30 insect species representing at least 6 different orders. Follow the general guidelines listed for Notebooks, including the Special project. A 4-H member may exhibit in this class for a maximum of two years.

Class 39 **Beginning Notebook** - Display a minimum of 20 and a maximum of 60 insect species representing at least 7 different orders. Follow the general guidelines listed for all Notebooks, including the Special project. Members can exhibit in this class a maximum of three years.

Class 40 **Intermediate Notebook** - Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)  
a. "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or  
b. "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net) - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera.  
Members can exhibit in this class a maximum of three years.

Class 41 **Advanced Notebook** - Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general rules listed for Notebooks, including the Special project. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years.

### **EDUCATIONAL DISPLAY CLASSES**

Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.

Follow copyright laws as explained in the General Rules.

The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for duration of state fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.

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.

Name and county/ district must clearly be marked on educational exhibits.

Class 42 Beginning Educational Exhibit  
Class 43 Intermediate Educational Exhibit  
Class 44 Advanced Educational Exhibit

## **Division 1E - Exploring 4-H**

**Superintendent – Debbie Zellner**

**FOR FIRST YEAR MEMBERS ONLY.**

Members may have two exhibits, which are to be items or articles that they prepare.

Class 45 Item or Article

## **Division 1F - Forestry**

**Superintendent – Debbie Zellner**

Name, age, club, and year in project should be on front cover or in a prominent location. All leaf exhibits are to be mounted on 8 ½" x 11" heavy stock paper and placed in loose leaf binders. (Magnetic or adhesive filler sheets for photographic prints are recommended). Twigs and fruit collections may be exhibited in whatever manner you choose (maximum tri fold size is 3' x 4'). Resources for exhibiting are located on the Kansas 4-H forestry project page: <https://www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-sciences/forestry.html>

Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) the proper common name as listed in the 4-H Bulletin 334 "List of Native Kansas Forest Trees"; (2) location (city and/or county) where collected; and (3) date (month, day, year) collected. Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees.

New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.

Group specimens according to the years collected (ex. “old-previous years” and “new”).

Variations of varieties do not count as different species or specimens.

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.

If you retrieve information for your forestry exhibit, you must include a reference citation to the source.

In all leaf collections, exhibit one complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A “leaflet” is incorrect when displayed as the complete leaf for the tree.

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)**

**Class 46 Beginning** - Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees **OR** Exhibit a minimum of 5 native Kansas trees showing leaf, twig and fruit from each species collected.

**Class 47 Intermediate** - Exhibit a minimum of 20 different native leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees **OR** Exhibit a minimum of 10 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig, and fruit specimens.

**Class 48 Senior** - Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees **OR** Exhibit a minimum of 15 native Kansas trees

showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig, and fruit specimens.

**Class 49 Advanced** - Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees **OR** Exhibit a minimum of 20 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 10 new leaf, twig, and fruit specimens.

**Class 50 How A Tree Grows** - 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 a wood cut from the end of a log or top of stump labeled with information such as kind of wood and age of tree, when cut **OR** exhibits an illustration of how a tree grows.

**Class 51 Tree Appreciation** - Entry may include research or reporting notebook with no more than 10 pages based on exhibitors selected tree. Exhibit must be a different species of tree each year. This notebook may include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected.

**Class 52 Growing and Protecting Trees** - Entry requires a display or project notebook telling about project and pictures before, during, and after planting seedlings, a container tree, or a balled and burlapped tree. Maximum tri-fold size is 3' x 4'.

**Class 53 Tree Culture** - 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 size is 3' x 4'.

**Class 54 How Forests Serve Us** - Entry may include collected wood samples (all or partial) and 2 page essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3' x 4' tri-fold. Essay should be displayed in a covered binder.



Class 55 **Educational/Creative Exhibit** - Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum tri-fold size of 3' x 4'. Care should be taken to use durable materials that will withstand fair conditions. This is a good class to exhibit an unusual collection.

## **Division 1G - Geology**

### **Superintendent – Debbie Zellner**

The exhibit box should be 18" x 24" x 3 ½". Plexiglas covers are required. Boxes with glass covers will not be accepted. All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep exactly. If a box has a sliding Plexiglas cover, it must be removable from the top. Screws, locks, or other devices that would prevent judges from removing the cover should not be used.

For Lapidary classes, the dimensions of the box should be appropriate for the display but should not exceed 18" x 24" x 3 ½".

Each exhibitor is required to identify each display box by placing an identification label bearing name, county or district, and number of specimens in the upper left-hand corner of the plexiglas cover (inside use clear double-sided tape to adhere gummed labels), and by attaching a label with the same information on the lower right corner of the box (outside). Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description and locality (county) where collected.

For classes 57, 58, 59 and 60 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).

All specimens must be collected from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and Jasper Counties, MO. Other out of state specimens will not count in the minimum number for the class, nor will they be considered in the judging.

Exhibitor may enter in both geology and lapidary classes.

Class 56 **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 exhibits and have a hard copy for display. Exhibit limited to four feet of table space. Care should be taken to use durable materials that will withstand fair conditions.

Class 57 Box collection with at least 15 different rocks, minerals, and fossils collected during the current 4-H year. Limited to one box.

Class 58 Display at least 30 different rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Limited to one exhibit box.

Class 59 Display at least 45 rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Limited to two boxes. Identify the rocks as igneous, metamorphic, or sedimentary. These rock types must be spelled out on labels or have a legible key.

Class 60 Display at least 60 rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Exhibit limited to two boxes. Identify the rocks as igneous, metamorphic, or sedimentary. These rock types must be spelled out on labels or have a legible key.

Class 61 **Mineralogy** - Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during the current 4-H

year. The minerals are to be grouped by mineral class (i.e.: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box. 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.

**Class 62 Fossils** - Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.) The member must use one standard display box. 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.)

All lapidary specimens should be labeled with the following information: Specimen name, Place of origin (country, state, or county; county required for Kansas specimens), Purchased or self-collected, Date lapidary treatment began, Date lapidary treatment completed (Treatment completed after the state fair is considered a new year specimen).

**Class 63 Lapidary** - Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of “before and after”, nor do they have to be self-collected. Locales must be identified.

**Class 64 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. Locales must be identified. Lapidary work should be done during the current 4-H year.

**Class 65 Lapidary** - Display before and after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least two varieties should be collected from the native site by the 4-H'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.

**Class 66 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 comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**Class 67 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 1H - Home Environment**

### **Superintendent – Debbie Zellner**

Educational poster or display 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.

A summary including plans, explanation of how the items was made or refinished, and how it fits into the color and design of the room. Summary could also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Summary should be in a plastic protective sleeve and attached to exhibit.

Projects with missing or insufficient summary will be lowered one ribbon placing (i.e. a blue ribbon exhibit will receive a red ribbon).

Exhibits should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday specific items are discouraged.

**Class 68 Single Exhibit** - An article (furniture, fixtures, interior or exterior, etc.) made or refinished

by the 4-H'er for the home. Must include attached summary.

Class 69 Design Board - Boards must be on foam core or a standard tri-fold display. Include: color scheme, wall treatment, floor treatment, samples, etc. and/or floor plan for a room. Must include attached summary.

Class 70 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 for Notebook exhibits.

## **Division 11 - Agricultural Products & Plant Science**

**Superintendent – Debbie Zellner**

A maximum of 10 entries are accepted in the plant science division. **No more than two entries per class.**

Entries need to be exhibited properly -- seeds in jars, vegetables on plates, flowers in vases, or whatever is appropriate for the product.

4-H'ers must provide their own plates, jars, etc. for their exhibits.

Products exhibited in this division must have been grown by the 4-H member in the current year, except for soybean seed, edible field bean seed and corn seed.

Exhibits should be as mature as possible.

**Every crop entry must be identified by hybrid or variety name.**

All classes calling for a gallon sample may have a 2 ½ - 3-inch diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts

### **CORN - Ten Ear Exhibit**

- Class 71 White
- Class 72 Yellow

### **SORGHUM - Ten Head Exhibit**

- Class 73 Hybrid grain sorghum

Class 74 Hybrid forage sorghum. Exhibit to consist of the entire plant; no roots.

Class 75 Other forage sorghums. Exhibit to consist of the entire plant; no roots.

### **WHEAT - One Gallon Sample**

- Class 76 Soft red winter wheat
- Class 77 Hard red winter wheat
- Class 78 Hard white wheat

### **SUNFLOWERS**

- Class 79 Confectionery heads. 3 heads.
- Class 80 Confectionery seeds in jar. 1 gallon.
- Class 81 Oil seed heads. 3 heads.
- Class 82 Oil seeds in jar. 1 gallon.

### **OTHER CROPS**

- Class 83 Oats - 1 gallon
- Class 84 Barley - 1 gallon
- Class 85 Alfalfa - 1 gallon
- Class 86 Alfalfa Hay - One flake or slice from a rectangular bale, or a 10-inch section cut from a round bale. The flake or slice should be approximately 6 inches in thickness and tied in two directions.

Class 87 Native Grass Hay - Ten-inch flake or slice, 6 inches thick and tied in two directions.

- Class 88 Brome Grass - 1 gallon of seed.
- Class 89 Other Tame Grasses - 1 gallon of seed
- Class 90 Soybeans - 1 gallon of seed
- Class 91 Soybeans - Bundle of five plants
- Class 92 Edible field beans - 1 gallon of seed
- Class 93 Edible field beans - Bundle of five plants (with roots intact)

Class 94 Miscellaneous Crops - Exhibit to consist of one-gallon sample of seed or 10 heads produced from current project.

Class 95 Cotton - 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold doesn't develop.

- Class 96 Corn - 1-gallon sample.
- Class 97 Cool Season Grass Hay (e.g., fescue, etc.) - Ten-inch flake or slice, 6 inches thick and tied in two directions.

## VEGETABLES/FRUITS

Information about exhibiting produce is available online in the publication “Exhibiting Fruits and Vegetables” available at

<http://www.bookstore.ksre.ksu.edu/pubs/c405.pdf>

Secure entry form to plate or container with string or tape. Use a sturdy plate, bowl or container that will support the weight of the produce.

**Class 98 Garden Display** - Limited to four square feet of space. The Garden Display must be exhibited in a tray, basket or container that can be easily moved. Exhibit to consist of five different fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only one variety of a specific vegetable or fruit may be exhibited. The number of vegetables/fruits to be as follows:

**Large Vegetables - 1 each:** Cabbage, Cantaloupe, Eggplant, Large Pumpkin, Squash, Watermelon.

**Medium Vegetables - 5 each:** Beets, Carrots, Cucumbers, Decorative Gourds, Potatoes, Miniature Pumpkins, Okra, Onions, Peppers, Radishes, Sweet Potatoes, Tomatoes, or other similar sized vegetables.

**Small Vegetables - 12 each:** Green snap beans, wax beans, English peas, radishes, or other similar sized vegetables.

**Small Fruits - One half pint box:** Strawberries, blackberries, raspberries, or other similar sized fruits.

**Tree Fruits - 5 each:** Apples, pears, peaches, or similar sized fruits.

### Grapes - 2 bunches

- Class 99 Tomatoes (5)
- Class 100 Cherry Tomatoes (5)
- Class 101 Red Onions (5)
- Class 102 White Onions (5)
- Class 103 Yellow Onions (5)
- Class 104 Carrots (5)
- Class 105 Cucumbers (5)
- Class 106 Peppers (5)
- Class 107 Beets (5)

- Class 108 Red Potatoes (5 & variety name)
- Class 109 White Potatoes (5 & variety name)
- Class 110 Sweet Potatoes (5 & variety name)
- Class 111 Okra (5)
- Class 112 Sweet Corn\* (5)
- Class 113 Yellow Wax Beans (12)
- Class 114 Green Snap Beans (12)
- Class 115 Summer Squash (1)
- Class 116 Winter Squash (1)
- Class 117 Cantaloupe (1)
- Class 118 Watermelon (1)
- Class 119 Pumpkin (1)
- Class 120 Broccoli\* (1)
- Class 121 Cabbage\* (1)
- Class 122 Other
- Class 123 Fresh Culinary herbs (6) ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of *one variety* of fresh herbs must be exhibited in a disposable container of water. Dried herbs are not accepted.

Class 124 Small fruits (one half pint box) Ex. Strawberries, blackberries, raspberries, or other similar sized fruits.

Class 125 Tree fruits (plate of 5) Ex. apples, pears, peaches, or similar sized fruits.

Class 126 Grapes (plate of 2 bunches).

## FLOWERS

Information about exhibiting flowers can be found online in the publication “Preparing Cut Flowers for Exhibit”, available at <http://www.bookstore.ksre.ksu.edu/pubs/4H826.pdf>

Members are encouraged to exhibit cut flowers and fresh floral arrangements in disposable containers. If a non-disposable container is used mark it plainly with your name on it. The Elk County Fair is not responsible for the loss or damage to any flower arrangements, vases or containers.

All floral materials must be grown and/or collected by the exhibitors. Do not use purchased plant materials. Entries should not take over one square foot of table space.

Potted plants are not accepted.

All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.

Class 127 Annual Garden Flower, cut specimen, single stem.

Class 128 Perennial Garden Flower, cut specimen, single stem.

Class 129 Fresh Flower Arrangement. Flower materials must be grown and/or collected by exhibitor, not purchased.

Class 130 Dried Flower Arrangement, no fabric or plastic material allowed.

Class 131 **Horticulture Notebook** - Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticultural project. 4-H'ers 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. 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%.

### EGGS

Class 132 Eggs (1 Dozen)

## Division 1J - Photography

### Superintendent – Brook Stewart

Photography exhibits will be judged by consultation. It is recommended that members be present for consultation judging, but it is not a requirement. All exhibits will be judged. However, consultation judging can be a great learning experience.

Black and white prints and color photographic prints may be exhibited. **May have no more than two entries per class. Members may have a total**

**of FOUR entries in this division.** This includes the Snapshot Exhibit. **EXCEPTION:** Some members may enter one portfolio in addition to the above mentioned number of entries.

Photographs entered must be the result of the current year's project work by the 4-H member. Photo images must be taken by the 4-H Member (exhibitor).

Remove white border from the photo print before mounting.

All photos must be no larger than 8" x 10" and no smaller than 7"x 9", after trimming.

Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white or cream studio matte board.

Photos must be mounted with the top edge of the print 1" below the top of the mount (board is always oriented narrow side up). The sides of the print must be equal distance from the two sides of the mount.

A full coverage permanent mount (spray adhesive recommended or heat mount) must be made.

No lettering, including dates, is permitted on the front of the mount or on the photo. No underlay or borders are to be used.

To protect exhibits from dust and moisture, place mounted photo in protective plastic bag.

Improperly mounted photos, oversize or undersize photos or photos with the white borders not removed or lettering (including dates) on the photo, will be awarded a ribbon one placing lower than the placing determined by the official judges.

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. HDR photos are to be entered in the standard photo class.

Digital Composite Image: Finished photo must be created from two or more original images photographed by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process. Ribbon placement will be determined by combining the score of each judging section.

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.

Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H member Code of Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph at the Fair.

Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.

Copyright protections must be observed. Age divisions are Junior (7 - 9); Intermediate (10 - 13) and Senior (14 and older) as of January 1 of the current year. Awards will be given to age divisions champions and reserve champions and to the overall Grand and Reserve Grand Champion Photography.

**Special Notice: The dimensions and mounting rules listed above do not apply to special snapshot classes.**

#### **SNAPSHOT EXHIBIT\***

This exhibit is open to anyone in the Photography project. Five snapshots are to be mounted on any size poster board. Be creative! Snapshots in entry should be either all color or all black and white.

Category themes for snapshot exhibits are:

#### **SNAPSHOT EXHIBIT**

- Class 133 Building\*
- Class 134 People and Animals\*
- Class 135 Landscape\*
- Class 136 Sequence\*
  
- Class 137 Color photos taken by 4-H'er age 7-9.
- Class 138 Color photos taken by 4-H'er age 10-13.
- Class 139 Color photos taken by 4-H'er age 14 and older.
- Class 140 Black and white photos taken by 4-H'er age 7-9.
- Class 141 Black and white photos taken by 4-H'er age 10-13.
- Class 142 Black and white photos taken by 4-H'er age 14 and older.
  
- Class 143 Digital Composite Image - Photo must be created from two or more originals taken by the

exhibitor. Exhibitor must include a second 11 x 12-1/2 matte board (Explanation Board) mounted with standard size prints of the original photos, 3 x 5 card(s) explaining what manipulation was done and a standard size print of the final photo. Optional, may include prints of editing steps. Photos showing editing steps may be layered. Please put name and Extension Unit on the front of the second board. Explanation Boards will be displayed along with the finished board. Place both matte boards in the same protective plastic bag.

#### **PORTFOLIO CLASSES**

Class 144 Growth Portfolio - Member must have been enrolled in Photography project for five (5) years or more. Exhibit will consist of 5 (five) photos - one from each of the past 5 years of enrollment. Each photo must have been created in a different year and must be labeled with year taken and which year of enrollment it represents. Photos must be 8" x 10" and may be color or black and white. 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. Skill set used to create the photo must be given and explained. Main goal for each year should be listed. Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet. Exhibit will consist of photos arranged in chronological order of enrollment, information sheet on each photo. A portfolio book will be required.

Class 145 Career Portfolio - Member must have been enrolled in Photography for 5 (five) or more years OR member must be age 15 -19 and been enrolled in photography for at least two (2) years. Exhibit will consist of ten (10) 8 x 10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photo Journalism, Black and White, Nature/Wildlife or Graphic Design (computer skills with photos). Photos may have been created over multiple project years. Photos may be color except if Black and White option is chosen. 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. A one page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described. Exhibit will be presented in a notebook designed for portfolio review with pages for required information.

## **Division 1K - Educational Posters Notebooks & Displays**

**Superintendent – Debbie Zellner**

Exhibits in this division are for the following projects: Citizenship, Communications, Health and Wellness, Horseless Horse, Family Studies, Leadership, Performing Arts, Pets, Reading, Self-Determined, Shooting Sports, and Wildlife. There should be an educational or promotional message.

Exhibits should be a poster and/or notebook or display; depicting work done in the project. Exhibits will be judged on general appearance, information, and organization.

Each exhibitor may enter one exhibit per project area.

Notebook exhibits should be in a loose-leaf binder, with the following information provided on the front cover: Name, club, and project area.

Poster exhibits must not be larger than 22 x 30 inches.

Educational Displays must be the standard tri-fold board only; must not exceed standard tri-fold: 3' wide x 4' tall.

Champions and Reserve Champions will be selected in each phase where quality merits. A Grand & Reserve Grand Champion may be selected from phase champions if quality merits.

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 animals in educational exhibits is prohibited.

- Class 146 Educational Poster (Jr) - name project
- Class 147 Educational Poster (Int) - name project
- Class 148 Educational Poster (Sr) - name project
- Class 149 Educational Notebook (Jr) - name project

- Class 150 Educational Notebook (Int) - name project
- Class 151 Educational Notebook (Sr) - name project
- Class 152 Educational Display (Jr) - name project
- Class 153 Educational Display (Int) - name project
- Class 154 Educational Display (Sr) - name project

## **Division 1L - SpaceTech**

**Superintendent – Debbie Zellner**

For a complete set of SpaceTech rules and information, contact the Extension Office.

### **ASTRONOMY**

- Class 155 Telescope made from kit
- Class 156 Telescope made from original design

### **COMPUTER SYSTEMS**

- Class 157 Computer program, application, app, script, or coded system that is new and unique (not merely a file run in a program, such as a 'word document' or a picture drawn in 'Microsoft Paint.')
- Class 158 Computer presentation (power point, web page/site, animated graphics, etc.)
- Class 159 Single computer system (web server, database server, etc.)
- Class 160 Networked system consisting of two or more computers
- Class 161 Chip System - a small (4-8" x 4-8" x 4-8") programmed physical device that accomplishes a specific task.

### **ROBOTICS**

#### **INTERMEDIATE DIVISION**

- Class 163 Robot made from a commercial (purchased) kit. (No programming just assembly)
- Class 164 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.

Class 165 Programmable robot made from a commercial (purchased) kit.

Class 166 Robot designed and constructed by exhibitor that is operated by a remote-controlled device.

Class 167 Junk Drawer Robotics

## **SENIOR DIVISION**

Class 168 Robot made from a commercial (purchased) kit. (No programming just assembly)

Class 169 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.

Class 170 Programmable robot made from a commercial (purchased) kit.

Class 171 Robot designed and constructed by exhibitor that is operated by a remote-controlled device.

Class 172 Junk Drawer Robotics

## **ROCKETRY**

### **Exhibitors 7 through 13 years old**

Class 173 Rocket made from kit. Include plans.

Class 174 Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

Class 175 Scale Model Rocket made from kit includes plans.

Class 176 Scale Model Rocket designed by exhibitor; not merely a modification of an existing kit. Include original plans and stability testing.

### **Exhibitors 14 years and older**

Class 177 Rocket made from kit. Include plans.

Class 178 Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

Class 179 Rocket designed by exhibitor: that uses alternative skins; not merely a modification of an existing kit. Include original plans.

Class 180 Rocket designed by 2 or more exhibitors: not merely a modification of an existing kit. Include original plans.

Class 181 Scale Model Rocket made from kit includes plans.

Class 182 Scale Model Rocket designed by exhibitor; not merely a modification of an existing kit. Include original plans and stability testing.

## **High Power Rocketry**

### **Exhibitors 14 years and older**

Class 183 High power rocket made from kit or original design.

## **Unmanned Aerial Systems**

### **Exhibitors 7 through 13 years old**

Class 184 Unmanned Aerial System designed and constructed by exhibitor

Class 185 Practical application of an Unmanned Aerial System constructed from a commercial (purchased) kit.

### **Exhibitors 14 years and older**

Class 186 Unmanned Aerial System designed and constructed by exhibitor

Class 187 Practical application of an Unmanned Aerial System constructed from a commercial (purchased) kit.

## **SpaceTech Educational Exhibits, Posters, Notebooks and Display Boards**

### **Exhibitors 7 through 13 years old**

Class 188 Astronomy Educational Display

Class 189 Astronomy Educational Notebook

Class 190 Astronomy Educational Poster

Class 191 Robotics Educational Display

Class 192 Robotics Educational Notebook

Class 193 Robotics Educational Poster

Class 194 Rocketry Educational Display

Class 195 Rocketry Educational Notebook

Class 196 Rocketry Educational Poster

Class 197 Unmanned Aerial Systems Educational Display



- Class 198 Unmanned Aerial Systems Educational Notebook
- Class 199 Unmanned Aerial Systems Educational Poster
- Class 200 Computer Educational Poster
- Class 201 Computer Display Board
- Class 202 Computer Notebook

**Exhibitors 14 years and older**

- Class 203 Astronomy Educational Display
- Class 204 Astronomy Educational Notebook
- Class 205 Astronomy Educational Poster
- Class 206 Robotics Educational Display
- Class 207 Robotics Educational Notebook
- Class 208 Robotics Educational Poster
- Class 209 Rocketry Educational Display
- Class 210 Rocketry Educational Notebook
- Class 211 Rocketry Educational Poster
- Class 212 Unmanned Aerial Systems Educational Display
- Class 213 Unmanned Aerial Systems Educational Notebook
- Class 214 Unmanned Aerial Systems Educational Poster
- Class 215 Computer Educational Poster
- Class 216 Computer Display Board
- Class 217 Computer Notebook

**Division 1M - Woodworking**

**Superintendent – Debbie Zellner**

Each exhibit must be accompanied by a plan from which it was constructed. Plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Please note: a set of step by step instructions is not a plan. Entry card, plans and all other paperwork should be secured to the projects in some manner. Tape is usually not adequate to accomplish this. It is recommended to use a zip top plastic bag with a hole punched through it and using string to tie this to the exhibit.

Projects made from pre-cut kits are not allowed.

In judging woodwork articles, consideration will be given to workmanship, including accuracy to the plan; design, choice of wood, suitability and quality of finish, and usefulness.

The use of materials other than wood should be kept to a minimum.

- Class 218 Article for Farm or Shop Use
- Class 219 Lawn Furniture
- Class 220 Household Furniture
- Class 221 Other Woodwork Articles not included in above classes. (Examples: bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.)

**Division 1N - Welding**

**Superintendent – Debbie Zellner**

Members are limited to one entry per class due to space limitations. Junior class is for members 13 and under. Senior class is for members 14 and older.

- Class 222 Jr Welded Project
- Class 223 Sr Welded Project

**Division 1O - Junk in a Bucket**

**Superintendent – Debbie Zellner**

This project began with a special enrollment that was due to the Rolling Prairie Extension District - Howard Office by February 18, 2022. Buckets were handed out at 4-H Club Day on February 26, 2022.

Photos of each bucket were taken. NO extra materials may be used in the creation of the project.

Any of the items in the bucket MAY be cut or reconfigured, but NO items may be added.

Items in the bucket may be welded. Baling wire may be used to connect items but may be used ONLY to connect pieces. No extra wire is allowed. Zip Ties may also be used to connect items in the bucket.

In creating the project, all items in the bucket DO NOT have to be used.

Projects may be painted, but it is not required.

ALL buckets and items not used must be returned along with the exhibit to the Elk County Fair. Unused items will be used for future year's buckets.

Only 4-H'ers enrolled may participate in this project. This is an individual person project; NOT a team or club project.

Prizes will be awarded in age divisions.

- Class 224 Jr (Age 7-9) Project\*  
 Class 225 Intermediate (Age 10-13) Project\*  
 Class 226 Sr (Age 14 and older) Project\*

## Division 1P - 4-H Cloverbuds

**Superintendent – Debbie Zellner**

The 4-H Cloverbuds program is designed specifically for 5 and 6 year olds. To become a 4-H Cloverbuds member, the child must have reached age 5 before January 1 of the current 4-H year. Youth who turn 7 before January 1 of the current 4-H year may enroll as 4-H members. 4-H Cloverbuds is activity-focused, rather than project-focused. 4-H Cloverbuds programming is cooperative, not competitive. There will be no money awarded for any exhibits entered under the 4-H Cloverbuds section.

Pre-entries in this division are not needed. Just bring to fairbuilding on Wednesday, July 20 from 8:00 - 10:00 a.m.

Class A Poster -- Not bigger than 14" x 22" and no smaller than 8.5" x 11"

Class B Non-Perishable Food Item -- Three on a plate in a ziploc bag

Class C Photograph -- 4" x 6" photo mounted on cardstock

Class D Craft

## Section 2 - Family & Consumer Sciences

### Division 2A - Clothing Construction

**Superintendent – Kactus Bidwell**

Exhibitors are limited to **ONE entry per class.**

Articles, garments, outfits may have been used/worn but should be carefully laundered or cleaned before being exhibited, placed on hangers and in clear plastic bags.

All work must be the product of the current club year.

## CLOTHING AND ALL SEWING

### PROJECTS WILL BE JUDGED ON

**WEDNESDAY, JULY 13.** Articles must be entered at the fair to receive ribbon and premium money.

Garments are not required to have care labels, but the exhibitor must be aware of the care required for the garment as the judge may ask about the care required for the garment.

Pre-cut kits are acceptable for all clothing classes. All articles/garments must be finished for use.

One Champion and Reserve Champion will be awarded in each division, if merited. Overall Grand & Reserve Grand Champion will be selected from the division champions.

**Article** - almost anything constructed in the project. Example: pillow, slip, stuffed toy, skirt, blouse, applique on item, T-shirt, etc.

**Garment** - any wearable item - one piece.

**2 Piece Outfit** - 2 pieces that can be worn together at the same time, but not necessarily a complete outfit. Example: could be vest and skirt.

**3 Piece Outfit** - at least 2 of the pieces can be worn together at the same time. The 3<sup>rd</sup> piece could be worn with one or both, but not necessarily at the same time. This does not have to be a complete outfit. Example: pieces not worn at the same time - shorts, blouse, and pants, or 1 skirt and 2 blouses.

**Recycled Clothing Project** - An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. A 4"x 6" index card must accompany entry describing the recycled materials and how they were used in the item.

**Educational Exhibit** - Share with others what you learned in the project. Exhibits may be in the form of a poster, notebook, or display. Take care to select durable materials that will withstand fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22"x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board. Name and county/district must be clearly marked on educational exhibits.

Exhibitor may attach a 4" x 6" index card or photo with the entry form to give the judge any

information which the exhibitor thinks would be helpful for the judge to know.

### **JUNIOR DIVISION (Age 13 and UNDER)**

- Class 227 Sewing Box
- Class 228 Article
- Class 229 Garment
- Class 230 Accessory (scarf, belt, etc.)
- Class 231 Two Piece Outfit
- Class 232 Three Piece Outfit
- Class 233 Recycled Clothing Project
- Class 234 Educational Exhibit

### **SENIOR DIVISION (Age 14 and OLDER)**

- Class 235 Article
- Class 236 Garment
- Class 237 Accessory
- Class 238 Two Piece Coordinated Outfit
- Class 239 Three Piece Coordinated Outfit
- Class 240 Recycled Clothing Project
- Class 241 Educational Exhibit

## **Division 2B - Fiber Arts**

**Superintendent – Kactus Bidwell**

**ALL FIBER ARTS PROJECTS WILL BE JUDGED WITH THE 4-H CLOTHING ON WEDNESDAY, JULY 13.** Items will be displayed in the 4-H Clothing Department.

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 (examples include wood reed, straw, grass, etc.) baskets/pieces should be entered in the Visual Arts Division.**

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

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

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.

Exhibitors are expected to be enrolled in the Fiber Art project in which they are entered. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant.

All exhibits which need to be hung, **MUST** have the appropriate saw tooth hanger, rod, wire, or other mechanism attached in order to be properly displayed.

**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-tos, photographs of completed projects, or other ways of educating others about fiber arts. **NOTE:** A collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook. Name, local unit, and fiber art covered must be clearly marked in the notebook.

**May exhibit THREE items in each class.**

- Class 242 Crochet
- Class 243 Knitting
- Class 244 Needle Arts
- Class 245 Patchwork & Quilting
- Class 246 Rug Making
- Class 247 Spinning
- Class 248 Weaving
- Class 249 Ethnic Arts
- Class 250 Macramé
- Class 251 Fiber Arts Educational Notebook

## Division 2C - Fashion Revue

Superintendent – Kactus Bidwell

The Fashion Revue consists of Clothing Construction projects and Buymanship (boys and girls).

**ALL FASHION REVUE EVENTS WILL BE JUDGED WEDNESDAY, JULY 13.**

### CLOTHING CONSTRUCTION

**Open to all clothing construction members:**

The member must have made the garment(s) which he/she models as part of the 4-H clothing project during the year. **Each contestant entering the Fashion Revue must list the entry on their entry blank.**

A total of **two** Clothing Construction outfits may be entered in the judging for the Fashion Revue.

All pieces of a multi-piece item are to be worn at the same time.

**Age divisions are as follows and based on January 1 of current year.**

- **Junior Division -- Age 7 - 9**
- **Intermediate Division -- Age 10 - 13**
- **Senior Division -- Age 14 and older**

Class 252a	Junior Article
Class 252b	Intermediate Article
Class 252c	Senior Article
Class 253a	Junior Garment
Class 253b	Intermediate Garment
Class 253c	Senior Garment
Class 254a	Junior Two Piece Outfit
Class 254b	Intermediate Two Piece Outfit
Class 254c	Senior Two Piece Outfit
Class 255a	Junior Three Piece Outfit
Class 255b	Intermediate Three Piece Outfit
Class 255c	Senior Three Piece Outfit
Class 256a	Junior Recycled Clothing Project
Class 256b	Intermediate Recycled Clothing Project
Class 256c	Senior Recycled Clothing Project

### BUYMANSHIP

For boys and girls. Garment must be purchased for the 4-H project or made by another individual for the 4-H'er, with fabric and pattern chosen by the 4-H'er. A total of **four** Buymanship garments can be entered in judging.

**Age divisions are as follows and based on January 1 of current year.**

- **Junior Division -- Age 7 - 9**
- **Intermediate Division -- Age 10 - 13**
- **Senior Division -- Age 14 and older**

### GIRLS

Class 257a	Junior Casual for School
Class 257b	Intermediate Casual for School
Class 257c	Senior Casual for School
Class 258a	Junior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 258b	Intermediate Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 258c	Senior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 259a	Junior Dress Up Outfit
Class 259b	Intermediate Dress Up Outfit
Class 259c	Senior Dress Up Outfit
Class 260a	Junior Formal Wear
Class 260b	Intermediate Formal Wear
Class 260c	Senior Formal Wear
Class 261a	Junior Western Wear
Class 261b	Intermediate Western Wear
Class 261c	Senior Western Wear

### BOYS

Class 262a	Junior Casual for School
Class 262b	Intermediate Casual for School
Class 262c	Senior Casual for School
Class 263a	Junior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 263b	Intermediate Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 263c	Senior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 264a	Junior Dress Up Outfit (slacks, shirt, tie)
Class 264b	Intermediate Dress Up Outfit (slacks, shirt, tie)
Class 264c	Senior Dress Up Outfit (slacks, shirt, tie)
Class 265a	Junior Best Suit or Sport Coat & Pants
Class 265b	Intermediate Best Suit or Sport Coat & Pants
Class 265c	Senior Best Suit or Sport Coat & Pants
Class 266a	Junior Western Wear
Class 266b	Intermediate Western Wear
Class 266c	Senior Western Wear

## **Division 2D - Foods & Nutrition**

**Superintendent – Patty Wiseman**

**May have maximum of FOUR entries in the non-perishable class and ONE entry in an educational class. May have two entries in the Food Preservation division.**

**Due to the foods judging taking place prior to the fair, and only a sample of your exhibits will be displayed at the fair, the food safety requirements that have been in the fairbook in previous years have been taken out to simplify things.**

*Items taken to the Kansas State Fair: 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. Refer to K-State Research and Extension publication, 4-H488, Judge’s Guide for Food and Nutrition Exhibits, and MF3544, Food Safety for Frostings and Fillings for information to help you make informed, safe food exhibit decisions.*

Alcohol (ex. Wine, beer, and hard liquor) is not allowed as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not be judged.

All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 3 cookies, 3 muffins, 3 bread sticks, 1 loaf bread, etc.

Under baked entries will be lowered one or more ribbon placings.

All un-frosted cakes should be exhibited in an upright position with crust showing. The exception is for cakes made with special designs such as Bundt cakes. They should have top crust side down.

Any baked product that can be removed from the pan should be placed on a plate, covered cardboard or disposable container. Only the exhibit is judged, the container is not being judged.

Dried foods are to be exhibited in the Food Preservation Division.

Recipes are to be included for all items. Recipe cards are available at the Extension Office. If you use your own recipe card include: name, class, and source.

Age divisions are Junior (7 - 9); Intermediate (10 - 13) and Senior (14 and older) as of January 1 of the current year. Awards will be given to age divisions champions and reserve champions and to the overall Grand and Reserve Grand Champion Foods & Nutrition.

### **FOOD ENTRIES WILL BE JUDGED**

**MONDAY, JULY 18.** Bring your foods prepared as directed in the fair book. Remove baked products from baking pans and place on paper plate or on covered cardboard cut to fit the size of the product. Colored or decorative paper plates may be used. No plastic wrap. Place in a clear Ziploc bag. The entire product must be entered unless otherwise specified.

All items are to be made from scratch unless otherwise stated that a mix may be used.

Decorated special event cakes are not eligible for the Kansas State Fair.

**Educational classes:** Exhibits may be in the form of a poster, notebook, or display. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select materials that will withstand fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22” x 28”.

Displays are not to exceed a standard commercial 3’ x 4’ tri-fold display board. Name and county or district must be clearly marked on educational exhibits. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.

**Food Gift Package:** No alcoholic beverages will be accepted. A food gift package must contain at least three different food items, (prepared for human consumption), made by the 4-H’er, in a suitable container no larger than 18" x 18" x 18". Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the three minimum or purchased items may also be included in the gift basket. On the back of the entry card, answer these questions: A) What is the intended use? B) What food safety precautions were taken during and after preparation? This entry will count as a non-perishable food product, not as an educational exhibit. Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturer’s instructions. They could break during baking.

## **JUNIOR DIVISION**

(Age 7 - 9)

- Class 267 Non-perishable food product
- Class 268 Educational Exhibit
- Class 269 Food Gift Package

## **INTERMEDIATE DIVISION**

(Age 10 - 13)

- Class 270 Non-perishable food product
- Class 271 Educational Exhibit
- Class 272 Food Gift Package

## **SENIOR DIVISION**

(Age 14 and OLDER)

- Class 273 Non-perishable food product
  - Class 274 Educational Exhibit
  - Class 275 Food Gift Package
- Class 276 Club Food Display (For 4-H Clubs, not individuals.)

## **FOOD PRESERVATION**

All exhibits must have been preserved since the previous year's county fair.

Tested recipe resources include:

- K-State Research and Extension Food Preservation publications
- Other University Extension Food Preservation publications
- USDA Complete Guide to Home Canning
- So Easy to Preserve, 6th edition, The University of Georgia Cooperative Extension Service
- Ball® Blue Book Guide to Preserving, Edition 37
- Ball® Complete Book of Home Preserving
- Canning mixes (i.e. Mrs. Wage's, Ball®)
- Pectin manufacturers (i.e. SureJell, Ball®)
- <http://www.rrc.k-state.edu/preservation/recipes.html>

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

- 4H712 "Food Safety Recommendations for Food Preservation Exhibits"
- MF3170 "10 Tips for Safe Home-Canned Food"
- MF3171 "Sassy Safe Salsa at Home"
- MF3172 "What's Your Elevation?"

- MF3241 "How to Guide to Water Bath Canning and Steam Canning"
- MF3242 "How to Guide to Pressure Canning"

Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.

Each member may enter up to two exhibits in this division, but only one entry per class.

Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include exhibitor name, recipe source, date of publication and altitude where food was processed. If using Mrs. Wage's or Ball mixes, indicate the date the mix was purchased.

Exhibits must be processed in clean, clear standard canning jars, with matching brand (ex: use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc.) 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 recipe states to do so (ex: Pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe. (ex: Salsa is canned in pint jars only, no quarts). Note: There are 12-ounce, 24-ounce and 28-ounce canning jars available and may be used. Use pint jar process recommendations for 12-ounce jars. Use quart jar process recommendations for 24-ounce and 28-ounce jars.

Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: Class No, Product, Altitude where processed, Canning Method (water bath, weighted gauge, or dial gauge pressure method), Process Time, Pressure (psi), date processed including month and year, Name, and County/District. Templates to make adhesive labels can be found at: [https://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods\\_Label.pdf](https://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf)

If dried food product is not in a canning jar, it will be lowered on ribbon rating. Suggested amount: 1/3 – 1/2 cup, or three or four pieces per exhibit. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature!

Dried products must include the recipe, preparation steps and heating instructions. Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in “Dry meat Safely at Home”

[www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf](http://www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf)

Class 277 Sweet Spreads (Fruit and/or Vegetables), Syrups; One jar

Class 278 Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) One jar

Class 279 Low Acid Vegetables (green beans, corn, etc. or vegetable mixtures.); One jar

Class 280 Pickles (Fruit or Vegetable) Fermented Foods and Relishes and Chutney; One jar

Class 281 Tomato/Tomato Products, Tomato Juice and Tomato Salsas; One jar

Class 282 Dried Meats; One jar

Class 283 Dried Foods: One Small Jar

## Section 3 - Livestock

### GENERAL LIVESTOCK RULES

- Each exhibitor will be responsible for feeding and grooming of livestock and sanitation of stalls used in their exhibit. Exhibitors must furnish their own feeding and watering supplies.
- Livestock exhibitors are responsible for cleaning stalls and barns after the premium sale.
- **Each exhibitor must groom his or her own animal and may use only the assistance of an FFA Advisor, 4-H Club Leader, parent, or another 4-H/FFA member who is an exhibitor at the show. This rule will be strictly enforced and any exhibitor violating it will be disqualified from competition. Furthermore, exhibitors are expected to do their own work and obtain assistance only while**

### **they themselves are overseeing the grooming procedure.**

- Livestock exhibitors must be present to unload and weigh their animals and if they are not a committee of three appointed by the Livestock Sale Committee President will review the situation and make a decision.
- Livestock exhibitors must be present to exhibit their entries. If an exhibitor has two entries in the same class, they may have another Elk County 4-H/FFA member assist with one entry, provided it meets the approval of the superintendent of the division, prior to the show.
- If you have only one animal to show, you are to show it and no one else will be allowed to unless specific arrangements with the three-person committee appointed by the Livestock Sale Committee President have been made prior to the show.
- Make a separate entry for each animal. For example, if you have two steers, hog, sheep, etc. you need to put two entries on your entry form.
- **Animals tagged and weighed can only be shown as market animals or breeding animals, but not both.**
- Only animals shown in the 4-H/FFA Market or 4-H/FFA Breeding classes may be used for showmanship in that species.
- Not more than two animals per exhibitor in any one phase of project work may be shown: two market beef, two market hogs, two market meat goats, two breeding heifers, etc. Exhibitors may show one bucket calf.
- Livestock will be watched by a three-person committee appointed by the Livestock Sale Committee President and if an animal is wild and unruly to the point of being a hazard to the public, that animal may be sent home for the safety of the 4-H'ers and spectators.
- Due to limited space, only animals that are entered are to be stalled. No companion animals are allowed.
- All market and breeding animals must have been tagged and/or registered by the spring weigh in dates for the appropriate species.

- Other than show personnel, only exhibitors are allowed in the show ring while animals are being judged.
- A traveling Herdsman trophy may be awarded to the 4-H club which keeps their stalls and pens the cleanest and neatest.
- A traveling Fitting and Showing Trophy will be awarded to the 4-H club with the most points in showmanship competition. All classes of livestock included. To determine the winner, all points made by the club in showmanship of the various classes of livestock are added up and divided by the number of members eligible for fitting and showing. Each Blue, Red, and White entry is worth 3, 2, and 1 point respectively. A club must have four participants and participate in at least two species of livestock to be eligible for this award.

## Market Livestock Sale Rules

- **To be eligible to sell at the livestock premium sale, members must have completed the YQCA certification by July 1 of the current year.**
- Members must complete a Destination Form to be eligible to sell their animals. This form must be returned to the Fair Superintendent or Extension Agent immediately after the respective species shows. The form will ask the member whether they are going to sell their animal(s) or not. Forms must be signed by both the member and parent/guardian.
- Fair weigh-in will be **Wednesday, July 20**. Each species will have a pre-determined time to weigh. Animals will be allowed to weigh one time during the time period for the species selected. No reweighs will be allowed.
- Market hogs must be cleaned and/or washed before they will be weighed at the fair.
- The premium sale is not a terminal sale. However, the animal will not be allowed to be shown again by anyone for market or breeding.
- Each 4-H and FFA member may sell one or two animals in the Livestock Premium Sale provided they have not sold an animal in

another county 4-H/FFA Sale. If the 4-H'er sells two animals, they must be of two different species. A member with two animals of the same species will sell the top placing animal. In cases where both animals place the same (i.e. two blue ribbons, two red ribbons, etc.) the highest ranked animal will sell. When a member has three or four species, the two highest placing species, according to ribbon and ranking, will be sold in the premium sale; unless the member chooses to sell their Market Beef.

- Market Beef that meet all the livestock premium sale requirements (minimum weight, average daily gain, YQCA, etc) will always be eligible to sell if a member so desires and then they may sell their highest placing animal of a different species as their second animal in the premium sale.
- When a member has two different species to sell, the seller may choose not to sell one of their top placing species. If they do this, the seller may then only sell one animal in the premium sale.
- Any 4-H/FFA member does not comply with all sale rules will not be able to sell an animal in any future premium sales.
- Once a member commits their animal to the sale, it cannot be removed from the sale bill. All animals listed will sell.
- **All market animals must have the proper ear tag in their ear when checking in at the fair or they won't be allowed to weigh. (Contact the Extension Office as soon as you notice the ear tag missing, so it can be replaced.) All ear tags that are lost or fall out must be replaced.**
- Owners of livestock are to appear at the sale with their consignment.
- Plans for purchase are: (A) Buyer or buyer's agent will designate that the animal goes to the packer at the base bid and pays only the premium bid to the sale clerk. (B) Buyer or buyer's agent owns and accepts responsibility for the animal once the sale is over and pays the full bid price (base and premium).
- **The premium sale buyer has the first right of buying the animal if they pay the base bid as well as the premium.**



- Animals must meet the weight and rate of gain requirement to be eligible for Grand and Reserve Grand Champion and the premium sale.
  - Market beef must weigh a minimum of 1050 pounds. Minimum rate of gain is 1.8 lbs/day.
  - Market meat goats must weigh 50 - 120 pounds. Minimum rate of gain 0.20 lbs/day.
  - Market lambs must weigh 100 - 155 pounds. Minimum rate of gain 0.25 lbs/day.
  - Market hogs must weigh 220 - 320 pounds. Minimum rate of gain 1.1 lbs/day.
- Only 4-H/FFA animals that have been weighed and tagged by the District Extension Agent are eligible to sell.
- The sale order of species will vary each year. Market Beef will always sell first. Market Hogs, Market Lambs, and Market Meat Goats will rotate each year.
- Any special selling order will be furnished by the Sale Committee, otherwise the order of sale will be Grand Champions of the four species, Reserve Grand Champions of the four species, class champions, blue, red, and white ribbon animals.
- Each animal that sells (base bid and premium) will have at least \$10.00 deducted from their check to pay for sale expenses (buyer ribbons, trucking, and other sale expenses.)
- Financial statements will be made within 14 days or as soon as possible, but no sooner than 7 days after the sale!
- Members must turn in a completed record book with project sheets of the species that were exhibited including personal page and permanent record in order to receive their premium sale dollars. Base bid dollars will be issued separately. FFA members are required to submit SAE record books to receive their premium check.
- Checks will be issued with a list of buyers to thank for each member that sells an animal.

## **Division 3A - Beef**

**Superintendent – John Griesel**

Market Beef classes will be divided by weight.

Designate breed on heifers/cows on entry form.

Heifers will be shown by breed with a Grand Champion and Reserve Grand Champion chosen from breed champions. If less than four heifers per breed, they will show together in one class.

Class 300    Market Beef

### **BEEF HEIFER/COW-CALF**

Class 301    Junior Heifer Calf (born after January 1, 2022)

Class 302    Senior Heifer Calf (born between September 1 and December 31, 2021)

Class 303    Yearling Heifers (born between January 1 and August 31, 2021)

Class 304    Cow/Calf Pair -- Must be the first or second calf the cow has had. Calf must be most recent natural calf born after September 1, 2020. Cow/calf pairs will be considered as a pair when placed by the judge. Pairs must be shown haltered. Any other Elk County 4-H/FFA member may assist the exhibitor by showing the cow or calf for the owner. Cow/calf pairs cannot be shown in another class if shown as a cow/calf pair.

## **Division 3B - Bucket Calf**

**Superintendent – John Griesel**

A Bucket Calf is defined as an orphan or newborn calf; male or female; dairy, beef or cross; fed on bucket or bottle. It can be a heifer, steer, or bull.

Calf needs to be born between January 1 and May 1 of the current year.

Calves need to be tagged and recorded with the Extension Office by May 1 of the current year.

Only one calf per 4-H'er may be shown.

Only members 7-12 years of age are eligible to enroll in this project. The age listed is the 4-H'ers age on January 1 of the current year.

Classes will be judged by conference method based on:

1. What the 4-H'er learned about caring for and raising a calf.

2. Fitting and showing according to beef guidelines, with emphasis on how much the 4-H'er learned and can do without help. However, parental guidance is encouraged.

3. The general health of the calf and knowledge of the 4-H'er in health related areas.

4. Quality of calf will not be considered.

Bucket calves cannot be shown in beef or dairy showmanship and are not eligible for the Round Robin.

Class 306 4-H'ers age 7-9

Class 307 4-H'ers age 10-12

## **Division 3D - Dairy Goat**

### **Superintendent –**

All goats, must be identified with an official USDA premise ID tag.

Entries will be placed in classes by age with the day of judging being the base date.

All breeds are shown together.

### **Junior Does (never freshened)**

Class 316 Up to 6 months of age

Class 317 7 - 12 months of age

Class 318 13 - 24 months of age

### **Senior Does (in milk or previously freshened)**

Class 319 0-24 months of age

Class 320 2 years or older

Class 321 Dairy Goat Showmanship

## **Division 3E - Meat Goat**

### **Superintendent – Penny Swanson**

Wethers or does may be shown in market classes. All goats must have baby teeth in place with no visible signs of permanent teeth.

All goats must have a scrapie ear tag.

Goats must be shown with all four feet on the ground. Exhibitors may use a collar, a collar with a short lead, or a halter when showing. Medium/3 mm or smaller pinch collars will be allowed.

During the judge's inspection or handling, all four feet are required to be in contact with the ground.

Wethers are suggested to be dehorned.

However, if horns are left, they should be tipped and rounded. Commercial doe horns should be tipped and rounded.

All goats must be "slick shorn" with an equal amount of hair above the knee and hock. A maximum of 0.4 inch of hair is permitted. Hair on the tail switch is permitted.

Artificial coloring, paint, adhesive, or powder will not be permitted for use on goats during the show.

Breeding does will be shown by age and weight with a Grand Champion and Reserve Grand Champion chosen. For class 322, does will be broken into classes by weight.

### **Breeding Does**

Class 322 0 - 12 months of age

Class 324 13 - 24 months of age

Class 325 2+ years of age

### **Market Meat Goat**

Class 326 Market Meat Goat

## **Division 3F - Dog Care & Training**

This year Elk County will participate in a multicounty dog show. It is scheduled for June 25 at Fredonia. Entry forms will be sent to dog project members when it is available.

## **Division 3G - Horses**

**Horse Show will be Monday, July 18 at Sedan.**

All horses must be owned by the exhibitor or immediate family or be leased. Members must manage (feed, exercise, groom, train, etc.) the horse at least 75% of the time from May 1 through September 30.

All exhibitors are required to follow the official Kansas 4-H Horse Show dress code. A long-sleeved shirt or blouse and long pants must be worn. Western hat and boots are required in all western classes.

The purpose of the Working Ranch Horse competition is to allow a horse to reflect the versatility, attitude, and movement of a working horse.

The horse's performance should simulate a horse riding outside the confines of an arena and that of a working ranch horse. This class should show the horse's ability to work at a forward, working speed while under control by the rider.

Light contact should be rewarded, and horse does not have to be shown on a full drape of reins. The overall manners and responsiveness of the horse while performing the maneuver requirements, and the horse's quality of movement are the primary considerations.

Every horse will complete rail work and patterns. Final placing will be determined by combined score.

The required rail work will include the walk, jog, and lope both directions; and the extended jog and lope in at least one direction; as well as stops, turn to change directions, and back.

Three optional maneuvers may include a side pass, turns of 360° or more, change of lead (simple or flying), walk, jog, or lope over a pole(s); or some reasonable combination of maneuvers that would be reasonable for a ranch horse to perform.

The maneuvers may be arranged in various combinations with final approval by the judge.

The overall cadence and performance of the gaits should be as those described as natural long-stride walk, smooth jog, ground-covering extended trot, rhythmical natural stride lope — with an emphasis on forward movement, free-flowing, extended lope, and ground covering for all gaits. Transitions should be performed where designated, with smoothness and responsiveness.

No time limit.

One of the suggested four patterns may be used; however, a judge may utilize a different pattern as long as all required maneuvers are included plus three or more optional maneuvers are included.

Failure to perform a required maneuver will result in a horse placing below all other horses that perform all maneuvers.

The following apparel and/or equipment are discouraged:

Hoof polish.

Braided or banded manes or tail extensions.

Trimming inside ears and bridle path is allowed; also trimming of fetlocks or excessive (long) facial hair.

Equipment with silver will not increase a score over a good working outfit.

Refer to the Kansas 4-H Horse Show Rule Book for rules of specific events.

There will be no "gate entries." Timed events will not receive prize money, only ribbons.

## HALTER SECTION

- Class 327 Mares ages three and under
- Class 328 Aged Mares
- Class 329 Geldings ages three and under
- Class 330 Aged Geldings
- Class 335 Pony Mares, all ages
- Class 336 Pony Geldings, all ages

## PERFORMANCE SECTION

- Class 337 Western Horsemanship
- Class 338 Western Pleasure
- Class 339 Reining
- Class 340 Working Ranch Horse
- Class 341 Trail Class
- Class 342 Barrel Race
- Class 343 Pole Bending

## Division 3H - Poultry

Superintendent –Amanda Gilliland

**Members may not make more than one entry per class in pens of three, and two entries per class in single pen breed classes. A total of 10 entries per members is allowed.** Total number of entries does not include showmanship.

To exhibit at the Kansas State Fair, Poultry must receive a blue ribbon or higher at the county fair.

All poultry, including exhibition, exotic and game birds, but excluding waterfowl, taken to a public exhibition in Kansas shall be U.S. Pullorum-Typhoid clean. Blood samples will be taken to insure birds are clean.

Each member must furnish their own feed and watering cup.

Young bird is born in current year.

Class 344 Standard Breeds; Large Fowl; One young bird of either sex.

Class 345 Standard Breeds; Large Fowl; One old bird of either sex.

Class 346 Standard Breeds; Bantams; One young bird of either sex.

Class 347 Standard Breeds; Bantams; One old bird of either sex.

Class 348 Production Pullets - Pen of 3, Standard bred, crossbred, or strain cross pullets to be judged on egg production qualities.

Class 349 Production Hens - Pen of 3, Standard bred, crossbred, or strain cross hens to be judged on egg production qualities.

Class 350 Dual Purpose Pullets; Pen of 3, such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

Class 351 Dual Purpose Hens; Pen of 3, such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

Class 352 Meat type chickens\* - Pen of 3, Standard bred, crossbred, or strain cross birds of the same sex, judged on meat production qualities.

Class 353 Turkeys – all breeds, 1 bird either sex.

Class 354 Ducks - Call or Bantam, all breeds; 1 bird of either sex.

Class 355 Geese – all breeds, 1 bird either sex.

Class 356 Any Other Type Poultry – Pen of 2 birds, either sex.

### Showmanship

Class 358 Poultry Showmanship

## Division 3I - Rabbits

### Superintendent – Amanda Gilliland

Rabbits must be owned by June 1 of the current year.

Each member must furnish their own feed and watering cup.

Exhibitors must be present when rabbits are judged.

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

Only breeds recognized by the ARBA may be shown. Exception: Class 359 - Pet Rabbit. Pet Rabbit is not eligible for the State Fair. Guidelines for purebred breeds of rabbits will be those recognized by the ARBA in their Standard of Perfection.

**A maximum of 10 rabbits per member may be entered.**

When making an entry, exhibitor must specify on the entry form the breed, variety (color), sex, age, class and tattoo of each individual rabbit.

Fur Classes: exhibitor may choose one rabbit from their total entry to show in this class.

**Pre-Junior** - Under 3 months of age. Only breeds of Argente Braun, Beveren, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Creme D'Argent, New Zealand, and Palomino.

**Junior** - Under 6 months of age.

**Intermediate** - 6 - 8 months of age. Only breeds of : American, Giant Angora, Argente Braun, Beveren, Blanc de Hotot, Californian, Champagne D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème D'Argent, Flemish Giant, English Lop, French Lop, New Zealand, Palomino, Satin and Silver Fox.

**Senior** - 6 months of age or over for breeds *other than those listed* as having Intermediate classes, 8 months of age or over for breeds having Intermediate classes.

Class 359 Pet Rabbit\*

### BREEDING CLASSES

Class 360 Pre-Junior Doe

Class 361 Junior Doe

Class 362 Intermediate Doe

Class 363 Senior Doe

Class 364 Pre-Junior Buck

Class 365 Junior Buck

Class 366 Intermediate Buck

Class 367 Senior Buck

Class 368 Meat Pen (3 rabbits, all one recognized breed and variety, minimum weight 3 ½ pounds each, maximum weight 5 pounds each, and not over 70 days of age. Will be judged on their meat qualities, condition, and uniformity and fur.)

### FUR CLASSES

Class 369 Normal White Fur

Class 370 Normal Colored Fur

Class 371 White Rex Fur

Class 372 Colored Rex Fur

Class 373 White Satin Fur

Class 374 Colored Satin Fur

Class 375 White Angora Wool

Class 376 Colored Angora Wool

## RABBIT SHOWMANSHIP

Class 377 Rabbit Showmanship

### Division 3J - Sheep

**Superintendent – Penny Swanson**

Ewe lambs may be shown in the Market Lamb class, but if shown as a market animal, then she is not eligible to be shown in the breeding class and vice versa.

All lambs must have a scrapie ear tag.

Market lambs must be slick shorn at the time of weigh-in and showing. Not to exceed 0.2 inch.

Designate breed on breeding lambs or crossbreed on entry form. Breeding lambs will be shown by breed with a Grand Champion and Reserve Grand Champion chosen from breed champions. If less than four lambs per breed, they will show together in one class.

Market lamb classes will be divided by weight.

During the judge's inspection or handling, all four feet of the animal are to be in contact with the ground.

Class 378 Market Lamb

#### BREEDING LAMBS

Class 379 Ewe Lamb (born in 2022)

Class 380 Yearling Ewe (born in 2021)

Class 381 Aged Ewe\*

### Division 3K - Swine

**Superintendent – Andrea Arbuckle**

Gilts may be shown as market swine, but if shown as a market animal, then she is not eligible to be shown in the breeding class and vice versa.

Designate breed on breeding gilts or crossbreed on entry form. Breeding gilts will be shown by breed with a Grand Champion and Reserve Grand Champion chosen from breed champions. If less than four gilts per breed, they will show together in one class.

Market swine classes will be divided by weight.

Class 382 Market Swine

Class 383 Breeding Gilt

## Division 3L - Livestock

### Showmanship Contest

**Superintendent – The Superintendents of the Five Livestock Species (Horse, Swine, Sheep, Meat Goat and Beef)**

Showmanship Contests will be held with each species shown. Refer to the fair schedule for the specific days and times of each showmanship contest.

To be eligible to show an animal in showmanship the 4-H/FFA member must exhibit the animal in its appropriate class and the animal must be their own.

**PRE-ENTRY IS NOT REQUIRED.**

**Exhibitors will sign up at Weigh In on Wednesday evening.**

The species eligible for the Round Robin are Horse, Beef, Sheep, Meat Goat, and Swine. Members will compete for overall Grand and Reserve Grand Champion Showmen (Round Robin) on **Saturday, July 23 at 9:00 a.m.** Each participant must show his/her own animal (the one that was used to qualify for the Round Robin) and one animal from each of the other four livestock species. Grand Champion showmen will show other Grand Champion animals of each species and Reserve Champion showmen will show other Reserve Champion animals of each species.

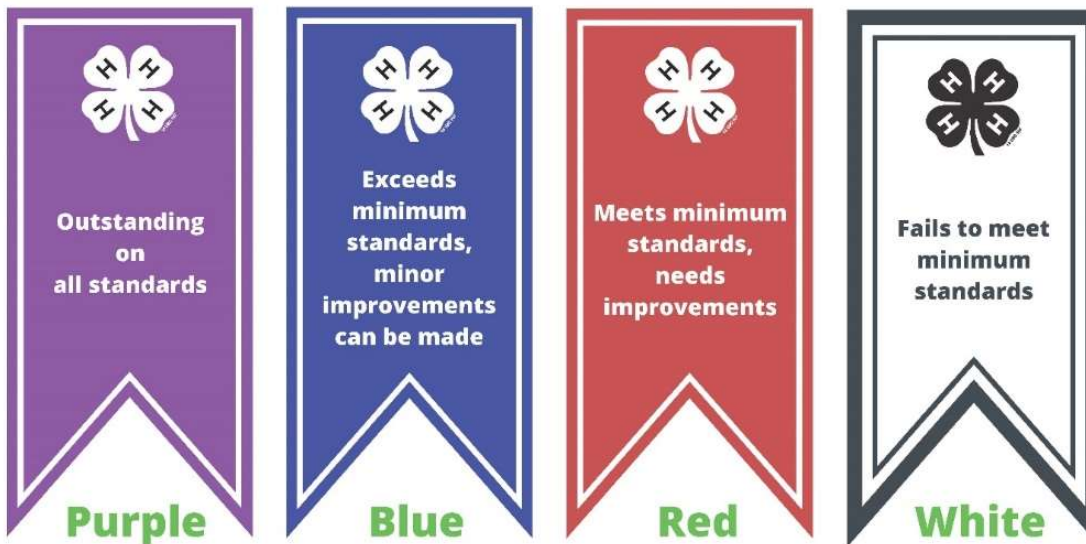
The species showmanship is broken down into three age groups (7-9; 10-13; 14 and over). There must be a minimum of three contestants pre-entered in an age class to conduct that class. Overall Grand and Reserve Grand Showman of each species will be chosen from the different age group champions. The top three in each age group (if numbers merit) for each species will come back to show for the overall Grand Champion and Reserve Grand Champion showmen and be ranked GC, RGC, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup>.

**Each contestant selected is only allowed to represent one species. Alternates will take their place in the species not represented and will be the next top qualified in that species.** This ensures that ten participants will compete in the Round Robin.

Grand and Reserve Grand Champion Showmen of each species will receive Belt Buckles. Grand Champion Round Robin and Reserve Grand Champion Round Robin will receive special awards

and those two winners will be announced at the Awards Presentation Ceremony on Saturday, July 23, 6:00 p.m. prior to the Livestock Premium Sale.

## What does a Ribbon mean?



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