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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.
- 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 Wednesday, June 30.**
- 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 (individual or group) should avoid using copyrighted materials whenever possible by originating his/her own work. A member or group should use with caution a copyrighted and/or trademarked product or service (a brand name, label, or product.) The intent of using the copyright or trademark materials for educational purposes such as an exhibit, educational poster/display or public presentation is acceptable under the “Fair Use” (legal use) provision.
- All exhibits must be in place and entered by **10:00 a.m. on July 14.** Market livestock entries must be in place by **6:45 p.m. on July 14.** Breeding animals and bucket calves must be checked in by 7:30 p.m. on July 14.
- All entries must remain in place until **1:00 p.m. on Saturday, July 17.** All entries must be removed by 2:00 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 – Angie Town**

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 will 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 Crafts - Junior
Class 2 Crafts - Intermediate
Class 3 Crafts - Senior
Class 4 Ceramics - Junior
Class 5 Ceramics - Intermediate
Class 6 Ceramics - Senior
Class 7 Leather Craft - Junior
Class 8 Leather Craft - Intermediate
Class 9 Leather Craft - Senior
Class 10 Drawing - Junior
Class 11 Drawing - Intermediate
Class 12 Drawing - Senior
Class 13 Painting - Junior
Class 14 Painting - Intermediate
Class 15 Painting - Senior
Class 16 Other - Junior
Class 17 Other - Intermediate
Class 18 Other - 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 19 Club Booth*
Class 20 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 21, 22, 23 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 21 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 22 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 23 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 24 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 25 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 26 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 27 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 28 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 29 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.

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 30 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 ENTOMOLOGY I
Class 31 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 32 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 33 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)

1) "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 - 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 34  **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

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

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 35  **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 36  **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 37  **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 38  **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 39  **Beginning Educational Exhibit**
Class 40  **Intermediate Educational Exhibit**
Class 41  **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 42  **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](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 43 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 44 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 45 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 46 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 47 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 48 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 49 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 50 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 51 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 52   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 54, 55, 56 and 57 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 53   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 54   Box collection with at least 15 different rocks, minerals, and fossils collected during the current 4-H year. Limited to one box.

Class 55   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 56   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 57   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 58  **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$_3$ for calcite) if known.

Class 59  **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 60  **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 61  **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 62  **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.

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 63  **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 64  **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 65  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 66  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 67  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 - 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 68  White
Class 69  Yellow

**SORGHUM - Ten Head Exhibit**

Class 70  Hybrid grain sorghum

Class 71  Hybrid forage sorghum. Exhibit to consist of the entire plant; no roots.

Class 72  Other forage sorghums. Exhibit to consist of the entire plant; no roots.

**WHEAT - One Gallon Sample**

Class 73  Soft red winter wheat
Class 74  Hard red winter wheat
Class 75  Hard white wheat

**SUNFLOWERS**

Class 76  Confectionery heads. 3 heads.
Class 77  Confectionery seeds in jar. 1 gallon.
Class 78  Oil seed heads. 3 heads.
Class 79  Oil seeds in jar. 1 gallon.

**OTHER CROPS**

Class 80  Oats - 1 gallon
Class 81  Barley - 1 gallon
Class 82  Alfalfa - 1 gallon
Class 83  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 84  Native Grass Hay - Ten-inch flake or slice, 6 inches thick and tied in two directions.

Class 85  Brome Grass - 1 gallon of seed.
Class 86  Other Tame Grasses - 1 gallon of seed
Class 87  Soybeans - 1 gallon of seed
Class 88  Soybeans - Bundle of five plants
Class 89  Edible field beans - 1 gallon of seed
Class 90  Edible field beans - Bundle of five plants (with roots intact)

Class 89  Miscellaneous Crops - Exhibit to consist of one-gallon sample of seed or 10 heads produced from current project.

Class 92  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 93  Corn - 1-gallon sample.
Class 94  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 95 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 96 Tomatoes (5)
Class 97 Cherry Tomatoes (5)
Class 98 Red Onions (5)
Class 99 White Onions (5)
Class 100 Yellow Onions (5)
Class 101 Carrots (5)
Class 102 Cucumbers (5)
Class 103 Peppers (5)
Class 104 Beets (5)
Class 105 Red Potatoes (5 & variety name)
Class 106 White Potatoes (5 & variety name)
Class 107 Sweet Potatoes (5 & variety name)
Class 108 Okra (5)
Class 109 Sweet Corn* (5)
Class 110 Yellow Wax Beans (12)
Class 111 Green Snap Beans (12)
Class 112 Summer Squash (1)
Class 113 Winter Squash (1)
Class 114 Cantaloupe (1)
Class 115 Watermelon (1)
Class 116 Pumpkin (1)
Class 117 Broccoli* (1)
Class 118 Cabbage* (1)
Class 119 Other
Class 120 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 121 Small fruits (one half pint box) Ex. Strawberries, blackberries, raspberries, or other similar sized fruits.

Class 122 Tree fruits (plate of 5) Ex. apples, pears, peaches, or similar sized fruits.

Class 123 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 124 Annual Garden Flower, cut specimen, single stem.

Class 125 Perennial Garden Flower, cut specimen, single stem.

Class 126 Fresh Flower Arrangement. Flower materials must be grown and/or collected by exhibitor, not purchased.

Class 127 Dried Flower Arrangement, no fabric or plastic material allowed.

Class 128 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 129 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 130 Building*
Class 131 People and Animals*
Class 132 Landscape*
Class 133 Sequence*
Class 134 Color photos taken by 4-H’er age 7-9.
Class 135 Color photos taken by 4-H’er age 10-13.
Class 136 Color photos taken by 4-H’er age 14 and older.
Class 137 Black and white photos taken by 4-H’er age 7-9.
Class 138 Black and white photos taken by 4-H’er age 10-13.
Class 139 Black and white photos taken by 4-H’er age 14 and older.
Class 140 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 141 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 142 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 143 Educational Poster (Jr) - name project
Class 144 Educational Poster (Int) - name project
Class 145 Educational Poster (Sr) - name project
Class 146 Educational Notebook (Jr) - name project
Class 147 Educational Notebook (Int) - name project
Class 148 Educational Notebook (Sr) - name project
Class 149 Educational Display (Jr) - name project
Class 150 Educational Display (Int) - name project
Class 151 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 152 Telescope made from kit
Class 153 Telescope made from original design

COMPUTER SYSTEMS
Class 154 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 155 Computer presentation (power point, web page/site, animated graphics, etc.)
Class 156 Single computer system (web server, database server, etc.)
Class 157 Networked system consisting of two or more computers
Class 158 Chip System - a small (4-8” x 4-8” x 4-8”) programmed physical device that accomplishes a specific task.

ROBOTICS

INTERMEDIATE DIVISION
Class 160 Robot made from a commercial (purchased) kit. (No programming just assembly)

Class 161 Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
Class 162  Programmable robot made from a commercial (purchased) kit.

Class 163  Robot designed and constructed by exhibitor that is operated by a remote-controlled device.

Class 164  Junk Drawer Robotics

SENOR DIVISION

Class 165  Robot made from a commercial (purchased) kit. (No programming just assembly)

Class 166  Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.

Class 167  Programmable robot made from a commercial (purchased) kit.

Class 168  Robot designed and constructed by exhibitor that is operated by a remote-controlled device.

Class 169  Junk Drawer Robotics

ROCKETRY

Exhibitors 7 through 13 years old
Class 170  Rocket made from kit. Include plans.
Class 171  Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

Class 172  Scale Model Rocket made from kit includes plans.

Class 173  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 174  Rocket made from kit. Include plans.
Class 175  Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

Class 176  Rocket designed by exhibitor: that uses alternative skins; not merely a modification of an existing kit. Include original plans.

Class 177  Rocket designed by 2 or more exhibitors: not merely a modification of an existing kit. Include original plans.

Class 178  Scale Model Rocket made from kit includes plans.

Class 179  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 180  High power rocket made from kit or original design.

Unmanned Aerial Systems

Exhibitors 7 through 13 years old
Class 181  Unmanned Aerial System designed and constructed by exhibitor
Class 182  Practical application of an Unmanned Aerial System constructed from a commercial (purchased) kit.

Exhibitors 14 years and older
Class 183  Unmanned Aerial System designed and constructed by exhibitor
Class 184  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 185  Astronomy Educational Display
Class 186  Astronomy Educational Notebook
Class 187  Astronomy Educational Poster
Class 188  Robotics Educational Display
Class 189  Robotics Educational Notebook
Class 190  Robotics Educational Poster
Class 191  Rocketry Educational Display
Class 192  Rocketry Educational Notebook
Class 193  Rocketry Educational Poster
Class 194  Unmanned Aerial Systems Educational Display
Class 195  Unmanned Aerial Systems Educational Notebook
Class 196  Unmanned Aerial Systems Educational Poster
Class 197  Computer Educational Poster
Class 198  Computer Display Board
Class 199  Computer Notebook

**Exhibitors 14 years and older**
Class 200  Astronomy Educational Display
Class 201  Astronomy Educational Notebook
Class 202  Astronomy Educational Poster
Class 203  Robotics Educational Display
Class 204  Robotics Educational Notebook
Class 205  Robotics Educational Poster
Class 206  Rocketry Educational Display
Class 207  Rocketry Educational Notebook
Class 208  Rocketry Educational Poster
Class 209  Unmanned Aerial Systems Educational Display
Class 210  Unmanned Aerial Systems Educational Notebook
Class 211  Unmanned Aerial Systems Educational Poster
Class 212  Computer Educational Poster
Class 213  Computer Display Board
Class 214  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 cards, 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 215  Article for Farm or Shop Use
Class 216  Lawn Furniture
Class 217  Household Furniture
Class 218  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. Entries are not eligible for the Kansas State Fair.

Class 219  Jr Welded Project*
Class 220  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 21, 2020. Each participant drew for a random numbered bucket on March 7, 2020.

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.
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 7. 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 3rd 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 224 Sewing Box
Class 225 Article
Class 226 Garment
Class 227 Accessory (scarf, belt, etc.)
Class 228 Two Piece Outfit
Class 229 Three Piece Outfit
Class 230 Recycled Clothing Project
Class 231 Educational Exhibit

SENIOR DIVISION
(Age 14 and OLDER)

Class 232 Article
Class 233 Garment
Class 234 Accessory
Class 235 Two Piece Coordinated Outfit
Class 236 Three Piece Coordinated Outfit
Class 237 Recycled Clothing Project
Class 238 Educational Exhibit

Division 2B - Fiber Arts

Superintendent – Kactus Bidwell

All Fiber Arts projects will be judged with the 4-H Clothing on Wednesday, July 7. 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.

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 7.

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 249a Junior Article
Class 249b Intermediate Article
Class 249c Senior Article
Class 250a Junior Garment
Class 250b Intermediate Garment
Class 250c Senior Garment
Class 251a  Junior Two Piece Outfit
Class 251b  Intermediate Two Piece Outfit
Class 251c  Senior Two Piece Outfit
Class 252a  Junior Three Piece Outfit
Class 252b  Intermediate Three Piece Outfit
Class 252c  Senior Three Piece Outfit
Class 253a  Junior Recycled Clothing Project
Class 253b  Intermediate Recycled Clothing Project
Class 253c  Senior Recycled Clothing Project

Class 254a  Junior Casual for School
Class 254b  Intermediate Casual for School
Class 254c  Senior Casual for School
Class 255a  Junior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 255b  Intermediate Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 255c  Senior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 256a  Junior Dress Up Outfit
Class 256b  Intermediate Dress Up Outfit
Class 256c  Senior Dress Up Outfit

Class 257a  Junior Formal Wear
Class 257b  Intermediate Formal Wear
Class 257c  Senior Formal Wear
Class 258a  Junior Western Wear
Class 258b  Intermediate Western Wear
Class 258c  Senior Western Wear

Class 259a  Junior Casual for School
Class 259b  Intermediate Casual for School
Class 259c  Senior Casual for School
Class 260a  Junior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 260b  Intermediate Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)
Class 260c  Senior Active Sports Outfit (shorts & t-shirt or jogging suit, etc.)

Class 261a  Junior Dress Up Outfit (slacks, shirt, tie)
Class 261b  Intermediate Dress Up Outfit (slacks, shirt, tie)
Class 261c  Senior Dress Up Outfit (slacks, shirt, tie)

Class 262a  Junior Best Suit or Sport Coat & Pants
Class 262b  Intermediate Best Suit or Sport Coat & Pants
Class 262c  Senior Best Suit or Sport Coat & Pants
Class 263a  Junior Western Wear
Class 263b  Intermediate Western Wear
Class 263c  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 12. 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.

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**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
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

If dried food product is not in a canning jar, it will be lowered on ribbon rating. Suggested amount: 1/3 – ½ 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

Class 274  Sweet Spreads (Fruit and/or Vegetables), Syrups; One jar
Class 275  Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) One jar
Class 276  Low Acid Vegetables (green beans, corn, etc. or vegetable mixtures.); One jar
Class 277  Pickles (Fruit or Vegetable) Fermented Foods and Relishes and Chutney; One jar
Class 278  Tomato/Tomato Products, Tomato Juice and Tomato Salsas; One jar
Class 279  Dried Meats; One jar
Class 280  Dried Foods: One Small Jar

Division 2E - Lamb Lead-In Contest
Sponsored by Koop Auto Supply
The objective of the lamb lead-in is to present the participant and the animal in the most attractive
manner possible, to promote the use of wool and sheep products, and to improve the image of the sheep show. The contest is designed to present the beauty and versatility of the wool fiber as well as the lamb. High fashion is not the ultimate goal, rather clothing which is appropriate for the personality and lifestyle of each participant.

Contest is open to all 4-H and FFA members.
Garments must be a minimum of 60% wool and may be purchased or self-made.
Participants cannot enter same garments more than once.
A market or ewe lamb must be led in the class for the Lead portion of the contest. The animal does not have to be owned by the contestant.
Contestants must make their own arrangements for the use of a lamb at the show.
Entry forms and more information are available at the Extension Office and are **due by 4:00 p.m. on Friday, July 9.**

Class 281  Cloverbuds -- Age 3-7
Class 282  Junior -- Ages 8 - 13
Class 283  Senior -- Ages 14 - 18
Class 284  Alumni (members and/or leaders)
            Age 19 and older

**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 14.** 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.
- 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 requirement to be eligible for Grand and Reserve Grand Champion and the premium sale.
  - Market beef must weigh a minimum of 1050 pounds.
  - Market meat goats must weigh 50 - 120 pounds.
Market lambs must weigh 100 - 155 pounds.
Market hogs must weigh 220 - 320 pounds.

- 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 all project sheets 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 or crossbreed 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

Class 301 Junior Heifer Calf (born after January 1, 2021)

Class 302 Senior Heifer Calf (born between September 1 and December 31, 2020)

Class 303 Yearling Heifers (born between January 1 and August 31, 2020)

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, 2019. Cow/calf pairs will be considered as a pair when placed by the judge. 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 3C - Dairy Cattle
Superintendent –
Each member may have up to a total of 4 entries in this division. No more than two entries per class. Total number of entries does not include showmanship.

Dairy animals may be shown by breeds so indicate breed and registration status on entry form. Cows in production will be allowed to be brought in, shown and released the same day.

If member shows calf in dairy division, cannot show in bucket calf or vice versa.

Class 308 Junior Calf (born 3-1-21 or after)
Class 309 Senior Calf (born 9-1-20 to 2-28-21)
Class 310 Junior Yearling Heifers (born 3-1-20 to 8-31-20)

Class 311 Senior Yearling Heifers (born 9-1-19 to 2-28-20)
Class 312 Two-Year-Old Heifers or Cows (born 9-1-18 to 8-31-19)
Class 313 Cows, 3 years old and under 4 years
Class 314 Cows, 4 years old & older
Class 315 Dairy Cow Showmanship

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 26 at Fredonia. Entry forms will be sent to dog project members when it is available.
Division 3G - Horses  
Superintendent –  
Horse Show will be Monday, July 12 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 – Amy Bliss

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 – Amy Bliss**

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.

Class 378 Market Lamb

BREEDING LAMBS

Class 379 Ewe Lamb (born in 2021)
Class 380 Yearling Ewe (born in 2020)
Class 381 Aged Ewe*

Division 3K - Swine
Superintendent – Paula McAlister

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 - Fitting & Showing Contest

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

Fitting and Showing Contests will be held with each species shown. Refer to the fair schedule for the specific days and times of each species fitting and showing contests.

To be eligible to show an animal in fitting and showing 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.

Champion and Reserve Champion Showmen of Horse, Beef, Sheep, Meat Goat, and Swine will compete for overall Grand and Reserve Grand Champion Showmen (Round Robin) on Saturday, July 17 at 9:00 a.m. Each participant must show his/her own animal and one animal from each of the other 4 livestock classes entered in the showmanship contest. 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.

If someone qualifies for the Round Robin in two species, the next highest placing individual in the second qualifying species will compete. This ensures that ten participants will compete in the Round Robin.

The top three in each age group for each species will be ranked and come back to show for the overall Grand Champion and Reserve Grand Champion showmen.

The species showmanship is broken down into three age groups (7-9; 10-13; 14 and over). This is done to divide the classes up prior to the shows because of the number of members involved in the projects. Overall Grand and Reserve Grand Showman of each species will be chosen from the different age group champions. 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.