



DIVISION 6015 4-H HORTICULTURE & PLANT SCIENCE

Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.

1. A class of exhibits representing the horticulture and plant science projects will be included in the 2018 Kentucky State Fair. Entries will be limited to one project per class from each county. Examples of acceptable exhibits are listed below. Plants, photographs or other visual aids are necessary for most projects. The class will be governed by the following:
 - a. Exhibits will be judged on the quality of the primary (horticulture) project work.
 - b. All plants exhibited **MUST** have been grown by the 4-Hers for at least 6 months. Exceptions will be made with terrariums, dish gardens and annual and vegetable bucket gardens which may have been grown for a shorter period of time.
 - c. Items improperly entered will be disqualified.
 - d. Exhibits entered with pesticide residue will be disqualified and disposed of.
 - e. Care will be provided for all plants. However, because of low light, air conditioning, etc., no guarantee can be made that the plants will be returned in their original condition. Plants are entered at the risk of the exhibitor.
 - f. Vegetable entries should be fresh, with the label on top of exhibit. Do not stick toothpicks in produce.

Securely attach the 4-H Identification Card to the exhibit in a location which can be seen by the public once the item is placed or displayed. Attach neatly with tape; punch a hole in the corner of the ID tag and attach with a string or rubber band; or attach card to a floral pick and insert in the pot.

Youth should NOT use garden soil in containers. Use well-drained, disease-free potting soil for all containers.

Plant Display: Youth should NOT use garden soil in containers. Use well-drained, disease-free potting soil for all containers.

- 565 Terrariums
- 566 Dish gardens (desert or tropical)
- 567 Vegetable container gardens (grown in container - not dug out of the garden)
- 568 Annual container gardens - (non-vegetable)
- 569 House plants
- 570 Hanging baskets
- 571 Herb Container Garden
- 572 Window Box Display
- 573 Upcycle Container Garden (Previously used container recycled, example, wood pallet garden)

Garden and/or Orchard Displays

574 The exhibitor may exhibit as many different fruits and/or vegetables from their garden as desired. Any size or type (minimum of five types) of produce may be displayed in the 2'x3' area provided for each exhibit. The exhibit must be in a display container (box or basket) which can be easily moved. Vegetables will not be returned to exhibitor. They will be judged as follows:

Quality of Produce	40%
Attractiveness of Container	30%
Uniformity and true-to-type ness	10%
Number of different types	15%
Labeling	5%

4-H'ers may also exhibit plates of vegetables. A white paper plate for vegetables must be supplied by the exhibitor. These vegetables will not be returned to the exhibitor. Classes of vegetables will be limited to:

- 575 Tomato (5 per plate) Must be ripe (red or yellow color only) cherry type
- 576 Tomato (5 per plate) beef steak
- 577 Tomato (5 per plate) heirloom
- 578 Peppers, hot (5 per plate)
- 579 Peppers – bell (5 per plate)
- 580 Peppers – sweet (5 per plate)
- 581 Cucumbers, slicing (5 per plate)
- 582 Cucumbers, pickling (5 per plate)
- 583 Beans, snap or lima (12 per plate)
- 584 Corn, sweet (in the husk with silks) (5 ears per plate)
- 585 Cantaloupe (1 whole), **halved**

They will be judged as follows:

Condition	25%
Quality	20%
Uniformity	20%
True-To Type	20%
Size	15%

Consult Exhibiting and Judging Vegetables (4BC-08PO) to learn the characteristics of these criteria.

The largest vegetable may not be the highest quality, nevertheless, it is unique. The largest entry in each of the following classes will receive a class champion ribbon.

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Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.



Division 6021 - 4-H ELECTRIC
Torey Earle – 4-H Agent for Science, Engineering, &Technology

1. See General Rules applying to all 4-H exhibitors and general rules applying to all 4-H exhibits other than livestock.
2. Exhibits must be made based on the appropriate units in the 4-HCCS Electric Excitement project books. **Projects entered using Snap Circuits® kits will be disqualified.**
3. One exhibit per county per class. Exhibitor is limited to one entry per division.
4. All exhibits requiring bulbs must have the correct size.
5. Use of molded plug-ins is **not prohibited but** discouraged.
6. Any electric project observed or judged to be unsafe or potentially harmful to the public or surrounds will be disqualified immediately.
7. Effective strain relief should be provided for all wire to terminal connections. Knots, clamps, connectors, or staples are acceptable when used appropriately.
8. A class champion will be selected for each individual class and one Grand and one Reserve Champion rosette selected from the entire exhibit.
9. 4-H electric exhibits will be divided into the following classes:

MAGIC OF ELECTRICITY (4HCCS BU-06848) (All exhibits must be DC powered).

- 645 Battery powered series and parallel circuits (Circuits must include both series and parallel, a simple switch and can be no more than 9 volts).
- 646 Homemade Galvanometer (Must be able to detect the presence of an electrical current)
- 647 Electromagnetic Circuits (Must be a working electromagnet with a simple switch and can be no more than 9 volts).
- 648 Simple homemade DC motor (Rotor must turn under it's own power).

INVESTIGATING ELECTRICITY (4HCCS BU-06849) (all exhibits must be DC powered)

- 649 Battery powered series or parallel circuit (Circuit may be either series or parallel, must contain either a momentary and/or three way switch, a circuit diagram with explanation and can be no more than 9 volts).



All connections in the circuit must be soldered and a circuit diagram with explanation must be included).

WIRED FOR POWER (4HCCS BU-06850) (all exhibits must be AC powered and be able to be safely connected and disconnected from a standard 120 volt duplex outlet).

651 Display of wire sizes and types with description and example of usage (display must contain at least 12 different examples)

654 Table, desk, vanity or floor lamp, any purpose – original design only. (Pop Can Lamp kits will be disqualified)

ENTERING ELECTRONICS (4HCCS BU-06851) (exhibits may be either DC or AC powered. AC powered exhibits must be able to be safely connected and disconnected from a standard 120 volt duplex outlet).

655 Basic electronic circuits without solid-state components (from project book).

656 Basic electronic circuits with solid-state components (from kit).

657 Basic electronic circuits with solid-state components (original circuit design, must include circuit diagram and explanation).

GREEN ENERGY

658 Wind or solar powered energy project (from kit).

659 Wind or solar powered energy project (original design).



Division 6025 - 4-H WOOD SCIENCE

Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.

1. See General Rules applying to all 4-H exhibitors and general rules applying to 4-H exhibits other than livestock. Reference materials include the Ky. 4-H Wood Science Plans Notebook and the 4-H CCS Woodworking Wonders guides.
 2. Limit of one entry per county per class.
 3. An exhibitor may enter only one Wood Science class per year.
 4. Class Champions will be selected in each class and Grand Champion and Reserve Champion selected overall.
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- 674 Level 1, **made from a kit**. Simple items which have pre-cut and pre-drilled parts and youth demonstrate knowledge of assembly, selection and use of fasteners (nails, screws and/or glue), sanding techniques, and appropriate finishes. (Examples could include but not limited to: small bird house, non-hopper bird feeder, etc.) Item must demonstrate skill with fasteners, sanding and appropriate finish (no puzzles).
- 675 Level 1, **NOT from a kit**. Simple constructed wood item showing knowledge of hand tools, wood selection, cutting, drilling, usage of fasteners (nails, screws and/or glue), sanding techniques, and appropriate finishes. (Examples could include but not limited to: napkin holder, letter holder, simple picture frame, wire wiggly, towel holder, serving tray, jewelry box, small flag holder, 4-H book ends, airplane, hurricane lamp, trivet (pot holder), etc.)
- 676 Level 2, **made from a kit**. More elaborate items which require proper cutting, drilling and youth demonstrate knowledge of selection and skill in use of fasteners (nails, screws and/or glue), sanding techniques, and appropriate finishes. (Examples could include but not limited to: jewelry box, tool tray, large bird house, pine wood cars, etc.) Item must demonstrate skill with fasteners, sanding and appropriate finish (no puzzles).
- 677 Level 2, **NOT from a kit**. More elaborate items that demonstrate mastered skills with hand tools, basic knowledge of power hand tools, fastening options, appropriate surface preparations, and finish applications. (Examples could include but not limited to: puzzle, foot stool, revolving tie rack, 4-H key holder, cutting board, book rack, serving dish shelf, sawhorse, hopper type bird feeder, etc.)

Revised 9/17



ECOLOGY, NATURAL RESOURCES
Division 6026 – ECOLOGY, NATURAL RESOURCES
Blake Newton, Extension Specialist, Entomology - Staff Consultant

Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.

1. See General Rules applying to all 4-H exhibitors and 4-H exhibits other than livestock listed previously in this catalog.
2. **Each county may have 1 entry per class. An exhibitor may enter only one class in Entomology and no more than two entries in Honey (one extracted, one chunk).**
3. Specifications for pinned-insect exhibits 687A, 688, 689, and 691 (see below for insect photography exhibit, 687B):
 - a. 9" x 13" folding cardboard insect-collection boxes available through UK College of Agriculture, Department of Entomology, should be used. Homemade or purchased wooden exhibit boxes may be used instead. They must be approximately 18" x 24" and not more than 3 1/2" thick with Plexiglas or glass covers and cellotex pinning bottoms (or plastazote or polyethylene pinning bottoms available from entomology supply stores such as Bioquip.com). Boxes must be easily opened (for instance; if a screw is used to secure Plexiglas tops, use a thumbscrew fastener instead of a fastener that requires a tool).
 - b. Specimens are to be arranged so the box can be exhibited horizontally. 4-H'ers may attach wires to the back of wooden boxes to help make them easier to display.
 - c. Identification labels available from your County Extension Office must be used, or custom labels may be printed if they conform exactly to the font, font size, and font color of the official labels. Labels should be printed onto white cardstock. The exhibit identification card should be placed on the front of the box (each box). Instructions for pinning and labeling are included in your project literature.
 - d. One half of the specimens may be from the previous year's collection or from anywhere in the United States; one half or more must be Kentucky insects collected since the last Kentucky State Fair. No insects that were originally collected from countries outside of the United States may be included.
 - e. For the first through fifth year projects, a display collection catalog must be in an envelope attached to the back of the display box. Envelopes should be attached to permit their being opened easily to remove catalogue from them without moving the exhibit.
 - f. Most specimens in the display cases should be pinned, and the use of vials is discouraged. If vials are used, they may account for no more than 2% of a collection. Vials must be securely wired or pinned to the pinning bottoms.
 - g. The inclusion of non-insect specimens (spiders, e.g.) is encouraged, but because this is primarily an insect collection, and because non-insects do not preserve well on insect pins, points will be deducted if there are more than one specimen from each non-insect class.
4. Entomology exhibits are judged on the following categories: Orders, Species, Common Names, Labels, Condition of Specimens, Overall Appearance, Life Cycle Representation, Catalog of Specimens. Check with county 4-H Agent for point distribution on score sheet.
5. Exhibits will be penalized if they do not:
 - a. Use insect pins for pinning insects.
 - b. Use the 4-H Entomology identification labels.
 - c. Use display boxes that are not the official 9" x 13" cardboard boxes acquired through the Dept. of Entomology, or wooden boxes that are approximately 18" x 24" x 3 1/2".
 - d. Fulfill the requirements of the particular exhibit under which it is entered.

- e. Have the insects arranged so the box can be exhibited horizontally.
 - f. Have the display collection catalogue in an envelope attached to the back of the display box through fifth year projects.
6. No extra credit will be given for specimens exhibited beyond the numbers listed in the current project books.
 7. 4-H'ers entering fifth year cannot use the same exhibit that has been judged in any previous State Fair.
 8. 4-H Entomology exhibits will be divided into the following classes:

687A First year project (Up to three 9" x 13" official cardboard boxes, or up to two 18" x 24" wooden boxes, with minimum of 25 insects, maximum 50 insects, from at least four orders. Identification beyond order not necessary. All specimens must have date and locality label.)

687B First year project (minimum of 25 insect photographs, maximum 50 photographs, from at least four orders. Identification beyond order not necessary. All photographs must have notation field.)

Specifications for insect photography exhibits:

- a. Images will be submitted on a USB memory device (such as a "thumb drive") with no other data except for the images and folders. The USB device must be identified externally with a tag or label, showing "4-Her's last name-County-Lot Number-Class Number-Entry Number." The single root folder will be labeled with the same information. Images will be contained inside this folder. Example folder name: Doe-Fayette-6026-687a-24531
 - b. Each image will be .jpg format, 1920X1080 pixels. Vertical or horizontal black bars may be present to allow for cropped images.
 - c. Each image will have a filename that matches the following: "lastname-county-#.jpg," where "#" indicates the number of the image inside the folder. Example filename: Doe-Fayette-1.jpg
 - d. Each image will include a 400X225 pixel, white notation box with important information about the photo. This notation field may be placed anywhere inside the image, including inside black bars (if present). Fonts may vary based on the 4-Her's software, but we recommend Ariel, 18pt, black, non-bold. The notation field will include the following information, with one space between each line:
 [4-Her's Name, County, Lot Number, Class Number]
 [Date of original photograph]/[Location of original photograph. Location may be in the form of a street/city/zip code address or GPS coordinates.]
 [Brand and type of camera or camera phone]
 [Settings, including type of lens, relevant camera settings, and "flash" or "no flash"]
 [Insect Order – Common Name]
1. Entomology exhibits are judged on the following categories: Orders, Species, Common Names, Labels, Quality of Photograph. Check with county 4-H Agent for point distribution on score sheet.
 2. Digital insect collections will be penalized if they:
 - a. Consist of images that were created by someone other than the 4-Her
 - b. Are not submitted and labeled according to guidelines
 3. No extra credit will be given for photographs submitted beyond the numbers listed in the current project books.

688 Second year project (Up to three 9" x 13" official cardboard boxes, or up to two 18" x 24" wooden boxes, with minimum of eight orders and not less than 50 insects, nor more than 100 insects.) Half of the insects should be identified with a common name.

- 689 Third year project (Three 9" x 13" official cardboard boxes, or two 18" x 24" wooden boxes, with a minimum of 10 orders and 100 insects, a maximum of 150 insects.)
- 690 Fourth year project (Three 9" x 13" official cardboard boxes, or two 18" x 24" wooden boxes, with minimum of 12 orders and 150 insects, no maximum) An addition cardboard or wooden box with an example of insect damage, the stage of the insect causing the damage and any other stage of the insect that helps identify the problem. Include information in the display that tells how the insect is controlled. Life cycle of two insects may be displayed if desired.
- 691 Fifth year project (may be repeated for successive years of eligibility but must be a different exhibit. No exhibit that has been judged in any previous State Fair may be entered.) Any type of display that pertains to experiences beyond those of previous projects. Special collections of native and/or exotic butterflies, beetles to some other insect order; a study in depth of one insect or small group of insects: a display of insect camouflage: a display of plastic embedded insects: a collection of insect larvae and nymphs are examples. Charts, photographs, models or any other visual aids may be used. 4-H'ers are encouraged to write a short (1 or 2 paragraphs) statement developing the theme of their fifth year display.

HIVES and HONEY

Honey will show better in oval, flat-sided to square clear glass containers. 4-H'ers **should** use standard Queenline or Classic honey jars. Mason jars are **not** ideal for entering honey because of the cast-in decoration. The jars and lids must be **clean**. **Fill jars to within ½ inch of top**. **Note: Two jars must be submitted for the following classes.**

Display cases for capped honey may be made by 4-Hers or bought from a store, but they must be bee-proof and have a removable top in order for the judge to check moisture. One frame per container.

Observation hives shall be secure from opening to the satisfaction of the Bees and Honey superintendent. This shall include the top of the observation hive and all holes and openings. Openings should be secure by screws or locks. Observation hives may be picked up after the end of judging on Tuesday August 14, 2018.

- 692 Two one pound glass Queenline or Classic jars of white extracted honey
- 693 Two one pound glass Queenline or Classic jars of light amber extracted honey
- 694 Two one pound glass Queenline or Classic jars of amber extracted honey
- 695 Two one pound glass Queenline or Classic jars of dark amber extracted honey
- 696 Two wide mouth pints or Classic jars of chunk honey, any color.
- 697 Any frame of capped honey suitable for comb honey (Light)
- 698 Any frame of capped honey suitable for comb honey (Amber)
- 699 Any frame of capped honey suitable for extraction (Light)
- 700 Any frame of capped honey suitable for extraction (Amber)
- 701 Best display of **one-frame** observation hive of honey bees consisting of worker bees, a properly-marked queen, and brood.

A Grand Champion and Reserve Champion will be selected for Entomology Division and also for Honey Division.

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DIVISION 6027 - 4-H FORESTRY

Laurie Taylor Thomas

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Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.

1. See General rules applying to all 4-H exhibitors and general rules applying to all exhibits other than livestock listed previously in this catalog.
2. Only one entry per 4-H member permitted in the Forestry Division.
3. One entry per county for each category.
4. Exhibitors are not to exceed the number of specimens listed for each class. If an exhibitor exceeds these numbers, the entry will be judged for blue, red and white ribbons, but will not be considered for top awards. If exhibit contains less than the correct number, it will be disqualified.

FIRST YEAR

- 703 Leaf Collections
Collection of 10 leaves representing 10 forest trees found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (**4DF-01PA or most recent version**) Activity #1 are to be followed.
- 704 Leaf Print Collection
Collect and print 10 leaves representing 10 forest trees found in Kentucky. Instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (**4DF-01PA or most recent version**) Activity #3 are to be followed.

SECOND YEAR

- 705 Leaf Collection-2nd year
Collection of 20 leaves representing 20 forest trees and **different from ones done by same exhibitor in first year project** found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (**4DF-01PA or most recent version**) Activity #1 are to be followed.
- 706 Educational Exhibit
Develop a creative educational exhibit on some phase of forestry. The exhibit may utilize any visual technique. The total exhibit is not to exceed dimensions of 2' x 2', or four (4) square feet.

THIRD YEAR AND OVER

- 707 Educational Exhibit
Develop a creative educational exhibit on some phase of forestry. The exhibit may utilize any visual technique. The total is not to exceed dimensions of 3'x3', or nine (9) square feet.
- 708 Stem, Leaf, Fruit display
Collect and mount 5 stems, leaves and fruit representing 5 forest trees found in Kentucky. **Follow closely the instructions in the forestry book**, "4-H Forestry Project Unit I - Introducing Yourself to Trees" (**4DF-01PA or most recent version**) Activity #2 is to be followed, including the 2' x 3' **exact** size.

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DIVISION 6029 – 4-H ARTS

Jennifer Tackett, Extension Specialist for 4-H and Youth Development

1. See General Rules applying to all 4-H exhibitors and general rules applying to 4-H exhibits listed previously in this catalog.
2. All classes are from Portfolio Pathways (Section A) and Sketchbook Crossroads (Section B) 4-H Core Curriculum except for Trends and Heritage Crafts.
3. Junior: Any member age 9-13. Senior: Any member age 14-19.
4. Seniors must submit an artist statement. Please write a paragraph minimum about your piece of art. Please include the following information typed and attached to your piece of art.
 - Name
 - Class
 - Title of Work
 - Medium (What is it made of?)
 - Explanation of where you got your inspiration or ideas from in creating this work
 - Explanation of elements and principles of design that pertain to your work
 - What kind of message were you trying to communicate to the viewer (mood, feeling, emotion, etc.)?
 - How does this represent you as an artist?
5. A county is limited to one entry per class. **Each Exhibitor may enter only two (2) classes per sections A, B and C per year.**
6. **All items must have been made since the last State Fair.**
7. Tags (4LO-11SO) must be attached to the lower right front corner of paintings, drawings, etc. For other exhibits, neatly secure the ID card where it can be seen by the public with tape, or punch a hole in the corner of the tag and attach with string or rubber band. For items with more than one piece, a description on the back of the ID card is suggested with number of pieces, color, etc. In addition, label each item in an inconspicuous location; include a minimum of name and county (clothing label 4LO-12SO may be utilized).
8. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
9. Appropriate hangers for project work is any hardware permanently attached to the project that can be displayed on a metal grid work walls via metal S hook, binder clip, or zip tie. *****NOTE:** mat board can be displayed utilizing binder clips while stretched canvas can be displayed with S hooks.
10. Subject matter is not “family friendly” in context.
11. Small items, which are easily separated or destroyed, may be placed in small plastic bags. For items with more than one piece, a description on the back of the ID card is suggested with number of pieces, color, description, etc. In addition, label each piece in an inconspicuous location include a minimum of name and county (the clothing label can be utilized [4LO-12SO]).
12. Reserve and Grand Champion will be selected from class champions in both the junior and senior categories.

SECTION A: Portfolio Pathways

Painting

- 727a. Junior Acrylic Still Life: (pg.12) Using acrylic paint to create a Still Life.
- 727b. Senior Acrylic Still Life: (pg.12) same as Junior.
- 728a. Junior Water Color: (pg.14) Using watercolors and a variety of techniques to complete a painting on watercolor paper.
- 728b. Senior Water Color: (pg. 14) same as Junior.
- 729a. Junior Abstract: (pg.18) Using acrylic paints experiment with abstract designs to complete a painting.
- 729b. Senior Abstract: (pg. 18) same as Junior
- 730a. Junior Sand Painting: (pg.20) On an 8"x10" x1/4" sanded plywood or particle board. Explore painting with colored sand mixed with glue.
- 730b. Senior Sand Painting: (pg.20) same as Junior.
- 731a. Junior Self Portrait: (pg.22) Using acrylic or watercolor paints. Complete a self- portrait using any drawing or painting technique.
- 731b. Senior Self Portrait: (pg. 22) same as Junior.
- 732a. Junior Human Action: (pg.24) Using acrylic or watercolor paints, capture human action through the use of vivid colors, lines, and texture when painting.
- 732b. Senior Human Action: (pg.24) same as Junior.
- 733a. Junior Oil Painting: (pg.26) Using oils on canvas or canvas board. Experiment with different techniques of laying oil to canvas to create a finished painting.
- 733b. Senior Oil Painting: (pg.26) same as Junior.
- 734a. Junior Oil Landscape: (pg.30) On a 16"x18" stretched and primed canvas, canvas board or sheet of Masonite coated in gesso. Lay out a one –point landscape perspective drawing and use oil paints to show atmosphere and distance.
- 734b. Senior Oil Landscape: (pg.30) same as Junior.

Printing

- 735a. Junior Intaglio Collagraph Print: (pg.38) On 8 ½" x 11" paper. Create a collagraph block at least 6" wide and create any color print using intaglio printing method.

- 735b. Senior Intaglio Collagraph print: same as Junior.
- 736a. Junior Blueprint Paper Print: (pg.40) On blueprint paper create a sun print; at least 5 ½ x 8 ½ in. using cyanotype or Light or sun sensitive paper.
- 736b. Senior Blueprint Paper Print: same as Junior.
- 737a. Junior Etched Plexiglas: (pg. 42) Create an original print using an etched Plexiglas plate. The print should be at least 5 ½"x 8 1/2" in. Plexiglas etching uses the intaglio method of printing.
- 737b. Senior Etched Plexiglas: same as Junior.
- 738a. Junior Wax Resist Print: (pg.44) Create intricate designs for printing using a wax resist method.
- 738b. Senior Wax Resist Print: same as Junior.
- 739a Junior Tire Stamp Print: (pg.46) Cut pieces of inner tube tire, glue it onto a wood block, and print using a stamp pad.
- 739b Senior Tire Stamp Print: same as Junior.
- 740a Junior Linoleum Print: (pg.48) Create linoleum print using linoleum block on paper.
- 740b. Senior Linoleum Print: same as Junior
- 741a. Junior Hand Drawn Negative Photograph: (pg.51) You will draw a negative on frosted acetate, then print onto photographic paper (8"x10" in.) as a positive, using a photographic process.
- 741b. Senior Hand Drawn Negative Photograph: same as Junior.

Graphic Design

- 743a. Junior 5 Color Design: (pg.62-63) Create (2) two 8"x 10" in. landscapes. 5 color designs are identical except for (1) one color. Change (1) one color to create a second design. Use paint, paper or computer graphics program. Mount on a matt board.
- 743b. Senior 5 Color Design: same as Junior
- 744a. Junior Computer Drawing: (pg.70) Explore the use of computer tools and techniques to doodle, draw and replicate images. Print out each design showing the use of various tools.
- 744b. Senior Computer Drawing: same as Junior.

Section B: Sketchbook Crossroads

Drawing

- 745a. Junior Contour Drawing: (pg.12) Draw objects using the contour drawing method. Do 2-3 drawings of the same object from different angles.
- 745b. Senior Contour Drawing: same as Junior
- 746a. Junior Two Point Perspective: (pg. 16) On sketch paper, draw a two point perspective that has a point at each end of a horizontal segment.
- 746b. Senior Two Point Perspective: same as Junior.
- 747a. Junior Circular Shape Object: (pg.18) Draw a subject to fit a circular shape.
- 747b. Senior Circular Shape Object: same as Junior.
- 748a. Junior Color Pencil: (pg.20) Draw with colored pencils and use turpenoid to blend the colors.
- 748b. Senior Color Pencil: same as Junior.
- 749a. Junior Pen and Ink: (pg.22) Sketch animals or other objects using pen and ink.
- 749b. Senior Pen and Ink: same as Junior
- 750a. Junior Calligraphy: (pg. 24) On 8 ½ by 11 paper, rewrite a quote, poem or pledge using Calligraphy. Make sure to include the author on the piece.
- 750b. Senior Calligraphy: Same as Junior
- 751a. Junior Cartooning: (pg.27) Cartooning is a simple process of making line drawings show sequential motion. Create your own cartoon character showing motion. Must create at least three blocks.
- 751b. Senior Cartooning: same as Junior.

Fiber Arts

- 752a. Junior Felted Wool Applique Mat: (pg31) Felt wool to create a design. Applique design to a felted wool mat. Max size of mat 18" x 24" in. Use 100% wool to felt.
- 752b. Senior Felted Wool Applique Mat: same as Junior.
- 753a. Junior Cotton Linter Bowl: (pg. 34) Experiment with cotton linter using molds and shaping the linter to form bowls. Enhance the cotton with colored pencils, threads, floss, dried flowers to make a unique creation.

- 753b. Senior Cotton Linter Bowl: same as Junior.
- 754a. Junior Batik Fabric: (pg.37) Using natural fiber fabric. Create a unique fiber artwork using dyes and the wax resist method.
- 754b. Senior Batik Fabric: same as Junior.
- 755a. Junior Lap Loom Woven Place Mat: (pg.40) Set up a lap Loom. Using several colors or types of yarn create a woven placemat.
- 755b. Senior Lap Loom Woven Place Mat: same as Junior
- 756a. Junior Inkle Loom Basket: (pg.44) Weave 4-6 stripes that are identical. Sculpt a basket out of several woven strips by stitching them together in a spiral. Manipulate the strips to form the bottom of the basket.
- 756b. Senior Inkle Loom Basket: same as Junior.

Sculpting

- 757a. Junior Clay Container: (pg.55) Create a functional container from clay either self-hardening or firing required.
- 757b. Senior Clay Container: same as Junior.
- 758a. Junior Clay Bust: (pg.57) Sculpt a head with facial features out of clay.
- 758b. Senior Clay Bust: same as Junior
- 759a. Junior Mask: (pg.61) Create a mask using clay emphasizing unique form and texture to portray feelings.
- 759b. Senior Mask: same as Junior.
- 760a. Junior Cardboard Sculpture: (pg.65) Create a piece of textured relief sculpture using corrugated cardboard stacked and glued together. Sculpt with an Exacto® knife.
- 760b. Senior Cardboard Sculpture: same as Junior.
- 761a. Junior Flower Wire Sculpture: (pg.67) Using wire and nylon cloth create a freestanding flower sculpture.
- 761b. Senior Flower Wire Sculpture: same as Junior.
- 762a. Junior Plaster of Paris Carving: (pg.69) Using a plaster of paris block, carve a form that has a concave and convex surface and allows space to flow around and through it.
- 762b. Senior Plaster of Paris Carving: same as Junior.

Section C: Art Trends and Traditions

This section will be highlighting the latest trends in art while honoring our heritage. Art trends will be selected every two years. Heritage arts will have specific areas as well as an “Other” category where youth may choose what they exhibit. Documentation for the Heritage Arts Classes is REQUIRED. If required documentation is not attached the item will be disqualified. You may enter two entries per year in this section.

Trends

763a. Junior Art Trends – Mixed Media Canvas. Mixed media is defined employing more than one medium. Examples include decoupage and paint; pencil and water colors; fabric, paint and paper. Canvas size is open to artist.

763b. Senior Art Trends—Mixed Media Canvas: Same as above.

Traditions

764a Junior Heritage Arts Other- See below for definition.

764b. Senior Heritage Arts Other

Heritage Arts

According to various sources, heritage can refer to practices or characteristics that are passed down through the years, from one generation to the next. Kentucky 4-H believes in celebrating one's heritage through recognition of art that may be representative of one's culture. Examples may be baskets, brooms, etc. To successfully enter Heritage Arts the 4-H'er must create the Heritage Art piece after State Fair of the previous year, complete the following description and visibly attach it to the piece.

Type/Title of Piece:	
Origin:	
Materials Used:	
Setting Where the Piece was Created:	
Name: Age: County: Class:	

This handout contains an overview and a check-list of what information that can be included in your artist's statement. All seniors must complete an artist statement.

Artist Statement

_____ An introductory paragraph that is interesting and makes the reader want to find out more about you in the paragraphs that follow

_____ Contains information about your selected piece on the web-site

_____ Title of the work? (What is the work called?)

_____ Medium? (Material it is made out of)

_____ Dimensions of the work? (in inches)

_____ Explanation of why the artist chose to represent this piece

_____ Contains information on your vision and ideas

_____ Explanation of where you got your inspiration or ideas from in creating the work

_____ An explanation of how you incorporated these ideas into your finished work

_____ Use of appropriate and correct terminology pertaining to the work chosen

_____ Explanation of each of the elements and principles of art that pertain to your work

ELEMENTS:

_____ line

_____ color

_____ shape

_____ value

_____ space

_____ form

_____ texture

PRINCIPLES:

_____ balance

_____ emphasis

_____ movement

_____ harmony/unity

_____ pattern

_____ rhythm

_____ proportion

_____ variety

_____ Artist states what kind of message they were trying to communicate to the viewer (mood, feeling, emotions, etc.)

_____ Explanation of why the artist enjoyed working on this piece the most

_____ Amount of time spent working on the piece

_____ Explanation of what makes this a successful work of art



Division 6030 – 4-H PHOTOGRAPHY

Jennifer Tackett, 4-H and Youth Development Specialist

1. See General Rules applying to all 4-H exhibitors and general rules applying to all 4-H exhibits other than livestock listed previously in this catalog.
2. Specifications for exhibits:
 - a. All general photography classes are taken from 4-H Photography Core Curriculum (Focus on Photography, Controlling the Image and Mastering Photography).
 - b. Each county may have one (1) entry per class in both general photography and horticulture photography. Only one entry per class per county.
 - c. General photography (levels 1, 2 & 3): 4-Hers can enter 3 classes in any one level (curriculum) per year.
 - d. Horticulture photography: a 4-H'er may enter any of the classes in addition to general photography.
 - e. All pictures must be made since the last State Fair.
 - f. All classes (*including Horticulture*) WITH ONE PHOTOGRAPH MUST BE MOUNTED ON WHITE 10"x 16" MAT BOARD-available via order entry (no poster board or foam core board accepted). Single photographs are limited to up to a maximum size of 8"x 12". Pictures cannot be framed or matted with colored mat board.
 - g. All classes (*including Horticulture*) WITH MULTIPLE PHOTOGRAPHS (More than 1 photograph) MUST BE MOUNTED ON WHITE 16" x 20" MAT BOARD (no poster board or foam core board accepted). Pictures cannot be framed or matted with colored mat board.
 - h. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.
 - i. Entries must use current identification tag securely mounted to front of the mat board in the *Lower right corner*. Note: Identification tag should NOT cover photo or hang over edge of the board.
 - j. **If labels are required for pictures, it must be typed, on white paper, and placed directly below the photograph it is identifying.**
 - k. Absolutely nothing on front of mat board except photographs, labels (if required) and ID tag. Any other required materials are to be mounted on the back.
 - l. If an entry does not fit class descriptions, it will be given a participation award.
3. .Appropriate hangers for project work is any hardware permanently attached to the project that can be displayed on a metal grid work walls via metal S hook, binder clip, or zip tie.
***NOTE: mat board can be displayed utilizing binder clips while stretched canvas can be displayed with S hooks.
4. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
5. Photography will be judged on, but not limited to: Technical, impact, composition, creativity, presentation, and the ability of the picture to tell a story.

LEVEL 1 Focus on Photography

- 764 Fun with Shadows, pg. 22 Photograph shadows to create a mood or element of surprise.
Display two (2) photographs of shadow shapes
- 765 Directing the Light, pg. 26 Using either natural or artificial light take photographs of subject with either Front lighting, Back lighting, Side lighting, and Top lighting (overhead).

766 What Do You See? pg. 34 Landscape with foreground, Middle ground, and background,

766 b. What Do You See? pg. 34 Portrait of a person without background clutter.

767 Bird's Eye View, pg. 46 Display one (1) photograph lying on your stomach.

768 a. Hat Tricks and Magic, pg. 50 Hat Trick: Have a plant growing out of the subject

768 b. Hat Tricks and Magic, pg. 50 Hand Stand: Have it look like someone is holding a person in their hand

768 c. Hat Tricks and Magic, pg. 50 Set up the photograph to look like a person is hanging from the ceiling.

768 d. Hat Tricks and Magic, pg. 50 Bad Hair Day: Position a person to look like their hair is sticking straight up.

769 Photos Can Tell a Story, pg. 58 A sequence of 3-5 photographs that tell a story. There should be a beginning, a middle and end.

770 Black and White, pg. 62 Black and White photograph that show texture, shape and composition. The interest is in the contrast, light and shadows.

Grand and Reserve Champions will be selected from class champions in Level 1.

LEVEL 2 Controlling the Image

771 a. Golden Photo, pg. 38 Display one (1) photograph showing the Rule of Thirds

771 b. Golden Photo, pg. 38 Display one (1) photograph using the Golden Triangle

771 c. Golden Photo, pg. 38 Display one (1) photograph using the Golden Rectangle

771 d. Golden Photo, pg. 38 Display one (1) photograph that doesn't follow the rules.

772 The Space Tells a Story, pg. 46 Display 1 photograph that shows good use of positive and negative space.

773 Capture a Candid Photo, pg. 48 Create a candid collection (3-5) photos. Take photographs at a party, parade, sporting event or family reunion. Try to capture the emotions of the event.

774 a. Freeze the Moment, pg. 54 Display one (1) using setting # 1 – Set shutter speed 1/250 to freeze action for a clear photograph.

774 b. Freeze the Moment, pg. 54 Display one (1) using setting #2—set the shutter speed at 1/30

a. Panning the Action, pg. 58 Display one (1) photograph showing panning technique and blurring

776 Bits and Pieces, pg. 62 Display one (1) photograph. Fill the frame with small parts of a whole subject. Choose bits and pieces for close-ups.

777 Panoramas, pg. 66 Take a series of photographs to create a panorama. Display individual pictures on mat board.

Level 3 Mastering Photography

- 778 Reflections, pg. 30 Two (2) picture of reflections as subjects. Label each with time, location and camera setting.
- 779 a. Still-Life, pg. 42 Display one (1) photograph that includes similar Themes- Arrange similar objects (food, toys, glassware) against a neutral background.
- 779 b. Still-Life, pg. 42 Display two (2) series of at least 3 photographs showing different arrangements and techniques of still life. Choose 3 experiments.
- 779 c. Still-Life, pg. 42 Display one (1) photograph that includes different Lighting-Use a colored light, light coming through blinds or faint light shining on clear vases or glasses.
- 779 d. Still-Life, pg. 42 Display one (1) photograph that includes your Interest-Gather objects that are related in some way such as cooking tools, baseball equipment, books etc.
- 780 Say "Cheese", pg. 46 Display two (2) formal portraits and two (2) informal portraits.
- 781 Mastering Composition, pg. 50 Display four (4) photographs, One (1) from each collection
Symmetry vs. Asymmetry, Pattern vs. Texture, Shape and Form, Visual Rhythms.
- 782 Expression Through Color, pg. 54 Display three (3) photographs that show Monochromatic, Contrasting and Complementary Color techniques and Label each one.
- 783 Details! Details!, pg. 58 Display three (3) to five (5) examples that highlight details in a subject you explored.
- 784 Pictures With a Purpose, pg. 62 Display 2-3 photographs that could be part of a brochure. Include words that market the product, event or the organization.
- 785 How Did They Get That Picture? pg. 66 Display 3-5 Photographs taken with advanced or specialized equipment.

HORTICULTURAL PHOTOGRAPHY EXHIBITIONS

Horticulture is the science, art, technology and business concerned with intensively cultivated plants that are used by people for food, for medicinal purposes, and for aesthetic gratification.

Horticulture is divided into two categories:

The cultivation of plants for food (pomology and olericulture):

- Pomology deals with fruit and nut crops. (not included in photography classes)
- Olericulture deals with herbaceous plants for the kitchen, including, for example, carrots (edible root), asparagus (edible stem), lettuce (edible leaf), cauliflower (edible flower), tomatoes (edible fruit), and peas (edible seed). (included in photography classes)

Plants for ornament (floriculture and landscape horticulture).

- Floriculture deals with the production of flowers and ornamental plants; generally, cut flowers, pot plants, and greenery. (included in photography classes)
- Landscape horticulture is a broad category that includes plants for the landscape, including lawn turf, but particularly nursery crops such as shrubs, trees, and climbers. (not included in photography classes)

For the purposes of the Kentucky 4- Horticulture Photography Contest, only photographs representing the areas of Olericulture and Floriculture will be accepted.

NJHA Contest: Entries in the following classes may also participate in the National Junior Horticulture Association Photography Exhibition. It is the responsibility of the individual to submit all required entry forms and follow all rules set out by NJHA organization to participate. States are not limited in the number of entries. See web site for details: www.njha.org

HORTICULTURAL PHOTOGRAPHY CLASSES

- | | |
|-----|--|
| 786 | Single black and white. Horticultural subject or activity. (Maximum size: 8" x 12") |
| 787 | Single color. Horticultural subject or activity. (Maximum size: 8" x 12") |
| 788 | Sequence of 4 photographs. B&W or Color representing a horticultural event or activity that tells a visual story, chronologically, without the use of words. |
| 789 | Horticulture collection (B&W or color), consisting of 6 photographs. |

A Grand and Reserve Champion will be selected from class champions in Horticulture Photography.

A Division/Overall Grand Champion and Division/Overall Reserve Grand Champion will be selected from Level 1, Level 2, Level 3 and Horticulture Photography Champions and Reserve Champions.

DIVISION 6032 - 4-H SEWING—2018

Marjorie Baker, Extension Associate for Textiles & Clothing

1. **Classes in Division:** twelve Junior Classes 790A-799; eleven Senior Classes 800-810.
2. **Number of Entries Permitted:**
 - a. County may submit ONE entry per class.
 - b. A member may enter up to two classes within their age division in the Sewing Division. (This means: a member's name may appear up to two times in the junior age division or the senior age division but cannot appear in both age divisions on the county's Sewing Division invoice sheet.)
3. **General Rules:**
 - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at www.kystatefair.org. Click on "Competition," then "Premium Book", then "4-H Exhibits."
 - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
 - c. Items entered must have been completed by the exhibitor within the current program year.
 - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
 - a. Items must be "handmade"; no ready-to-wear/factory made items will be accepted for judging.
 - b. Items must be **CLEAN**, however it is permissible for garment to show wear.
 - c. Articles of clothing for "Clothing Option" classes are to be made by and constructed for the 4-H member to wear. Doll clothing does not meet the requirement for Clothing Option classes.
 - d. Send **NO additional** accessories or undergarment with any sewing entry unless it was constructed as a part of the project.
 - e. Specific number of items: In classes where there is to be a specified number of articles exhibited and the entry contains more, the judges will be instructed to have the agent who submits the article(s) make the decision on which item(s) are to be judged. In those cases where the situation was not discovered before entry was made, the article(s) to be judged will be left to the discretion of the judges.
 - f. Complete outfit: The definition of a "complete outfit" is an item or items that cover the top and bottom of the body. To be considered a top, a jacket or robe, it must include a front closure. Open front tops that require an under shirt do not count as a complete outfit unless the under shirt is also constructed by the member.
5. **Additional Documentation Required:**
 - a. 4-H Sewing Project Card: **no longer** required.
 - b. Documentation is required only in Junior Unit VI non-clothing option and Up Cycle Jr & Sr. projects.
 - i. Documentation may be handwritten or printed by computer on 8.5" X 11" paper.
 - ii. Insert documentation into an inexpensive folder or plastic sheet protector. Attach it to the item using a safety pin or binder clip.
6. **Labeling:**
 - a. Identification Card (4IO-11SO): The State Fair Entry system will generate this label. Safety pin the ID card to the outside of the item for public viewing.
 - b. Small label (4LO-12SA): Safety pin this label to the inside of each article. Do not use straight pins. This label is needed in case garments become separated.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
 - a. Each entry that meets class requirements will receive a ribbon.
 - b. A champion will be named in each class.
 - c. An overall grand champion and reserve champion will be selected.

9. Class Descriptions:

Junior Division for 4-H'ers Ages 9-13

Junior members may complete the projects in any order and may repeat a level more than one year. The curriculum includes instructions for making “practice” items; the practice items do not fit in classes in the Clothing Division.

Unit I – Let’s Learn to Sew: Beginner skills; See Publication:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf> , pages 3-20 and 55-56.

789 Unit I Clothing Option: Shorts, pants, or skirt with casing waistline (elastic and/or drawstring). *Garment must be made from woven fabric and include the following: straight machine stitching, appropriate visible seam finish, and machine stitched hem. This class is for ages 9-13.*

790 Unit I Non Clothing Option: Apron OR drawstring backpack/shoulder bag OR tote bag with fabric handles OR a laundry bag. *Item must be made from woven fabric and include the following: straight machine stitching, appropriate visible seam finish, and a casing or machine stitched hem. Practice projects (travel kit and tissue holder) are not to be entered. This class is for ages 9-13.*

Unit II – Let’s Get to the Bottom: Beginner skills; See Publication:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf> , pages 21-38 and 55-56.

791 Unit II Clothing Option: Skirt, shorts or pants. *Exhibit must be made from woven fabric and include the following: enclosed seams, appropriate seam finish, interfacing, zipper, and a facing or waistband. This class is for youth ages 9-13.*

792 Unit II Non Clothing Option: Zippered tote bag/purse, garment bag, or duffle/gym bag. *Exhibit must be made from woven fabric and include the following: enclosed seams, appropriate seam finish, interfacing, and 14” or longer zipper. (Pre-quilted woven fabric and recycled woven fabric are acceptable fabric choices but use is not required.) Practice projects (book cover, zippered travel bag) are not to be entered, This class is for youth ages 9-13.*

Unit: Up Cycle It!—for youth ages 9-13 with advanced sewing skills; See publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle_project_jr_and_sr.pdf

799 Up Cycle It! Junior—item sewn from recycled/repurposed garments and documentation folder: Sew a garment or fashion accessory from previously worn garments. Recycled fabric is to be the major component of the item. Recycled garments may be cast-offs from the member’s family/friends or purchased at a yard sale or similar low cost source. **Documentation is required.** In documentation include the following: your name, your county, the name of the unit, class entered, number of years you have been sewing; a **“before” photo** of all recycled items used; source of the recycled garment; how the design was created; and any design drawings that were used in the creation. Place documentation in a folder or plastic sheet protector. “Deconstructed” t-shirts which do not include sewing skills do not fit this class. Items for the home do NOT fit this class. Items which do not include sewing as a major means of reconstruction are not eligible for this class. See publication. This class is for ages 9-13 with sewing skills.

Senior Division for 4-Hers, age 14-18

Senior members may complete the projects in any order and may repeat a level more than one year.

Unit: Let's Be Casual- for ages 14-18. (Ask your county 4-H agent for a copy or see publication: http://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_a_lets_be_casual.pdf)

- 800 Let's Be Casual--Clothing Option: 1 or 2 piece complete outfit made from knit or woven fabric such as a dress, top and bottom, simple pajamas, or robe. This class is for ages 14-18.
- 801 Let's Be Casual--Non Clothing Option: 2 coordinating fabric accessories from the following: apron, oven or BBQ mitt, wallet, garment bag, purse, backpack or duffel bag. This class is for ages 14-18.

Unit: Match It Up- for ages 14-18. (Ask your county 4-H agent for a copy or see publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_c_match_it_up.pdf)

- 803 Match It Up--Clothing Option: Choose at least one item from each group to make a complete 3 or 4 piece coordinated outfit:
- Shorts, pants, or skirt
 - Top, blouse, or shirt
 - Vest, jacket, or sweater
- At least one piece is required to have regulation set in sleeves. Fabric choice may be woven, knit or a combination of the two. An accessory item may be included as the fourth piece. This class is for ages 14-18.
- 804 Match It Up--Non Clothing Option: 3 or 4 piece coordinating sport/luggage/travel or fashion accessories set. Ideas include, but are not limited to, a wallet, purse, device carrier, backpack, duffel bag, gym bag or bag for bike or vehicle. Among the items chosen, the set must include the use of applied trim, pockets and at least one 14-inch or longer zipper. This class is for ages 14-18.

Unit: Creative Expression for ages 14-18. (Ask your county 4-H agent for a copy or see publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_d_creative_expressions.pdf)

- 805 Creative Expression--Clothing Option: Construct a complete outfit for one of the following activities:
- Halloween, theater, or historic costume
 - Uniform for medical, cheerleader, dancer, etc.
 - Riding apparel
- This class is for ages 14-18.

Unit: Up Cycle It!—for youth ages 14-18 with advanced sewing skills; See publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/upcycle_project_jr_and_sr.pdf

810 Up Cycle It! Senior—item sewn from recycled/repurposed garments and documentation folder: Sew a garment or fashion accessory from previously worn garments. Recycled fabric is to be the major component of the item. Recycled garments may be cast-offs from the member’s family/friends or purchased at a yard sale or similar low cost source. **Additional documentation is required.** In documentation include the following: your name, your county, the name of the unit, class entered, number of years you have been sewing; a “**before**” **photo** of all recycled items used; source of the recycled garment; how the design was created; and any design drawings that were used in the creation. Place documentation in a folder or plastic sheet protector. “Deconstructed” t-shirts which do not include sewing skills do not fit this class. Items for the home do NOT fit this class. Items which do not include sewing as a major means of reconstruction are not eligible for this class. See publication. This class is for ages 14-18 with sewing skills.

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Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.



DIVISION 6033 - 4-H Needlework Department—2018

Marjorie Baker, Extension Associate for Textiles and Clothing

1. **Classes in Division:** Classes 813A—838 (40 classes) (classes are not restricted to specific ages)
2. **Number of Entries Permitted:**
 - a. County may submit ONE entry per class.
 - b. Member may enter ONE class per category (categories are crochet, knitting, tatting, embroidery, and quilting) in the Needlework Division. (This means: a member's name may appear only one time under each category on the county's Needlework Division invoice sheet.)
3. **General Rules:**
 - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at www.kystatefair.org. Click on "Compete," then "Premium Book", then "4-H Exhibits."
 - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
 - c. Items entered must have been completed by the exhibitor within the current program year.
 - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
 - a. Items must be "handmade" by the 4-H member.
 - b. Item(s) must be clean to be accepted for judging. Previous wearing/using is acceptable (and strongly encouraged!), but item must be clean.
5. **Additional Documentation Required:**
 - a. Project Card: no longer required
 - b. If the pattern/instructions are not from the Kentucky 4-H Needlework Notebook, a copy of the pattern must be submitted with the exhibit. Label the pattern with entrant's name and county and attach to exhibit. Attach to item with a safety pin or binder clip. Patterns will be returned in county packets.
6. **Labeling:**
 - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Safety pin the ID card to the outside of the item for public viewing.
 - b. Small label (4LO-12SA): When the exhibit has multiple articles, safety pin this label to the inside of each article. Do not use straight pins. This label is needed in case multiple items become separated.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
 - a. Each entry that meets class requirements will receive a ribbon.
 - b. A champion will be named in each class.
 - c. An overall grand champion and a reserve champion will be selected.
9. **Class Descriptions:**

CROCHET Category

- 813 **Small Crochet Item(s) made of medium weight yarn:** Must include rows of single, half double and/or double crochet stitches. Such as: scarf, purse, belt, hat, pillow, two wash cloths (made from cotton yarn), or pair of slippers. Scarf must be at least 24" long.
- 815 **Crocheted Item made using the Granny Square technique:** May use any weight yarn, single or multiple colors of yarn. Such as: purse, shawl, afghan, or hat.
- 816A **Crocheted Item(s) made using intermediate skills/pattern crochet stitches:** Such as: toy, hat, belt, scarf, pair of mittens, pillow, sweater, vest, shawl or baby blanket, doily (made from bedspread weight thread) or set of 5 different ornaments (made from bedspread weight thread using intermediate skills/stitches. Include one or more pattern stitches—shell, arch, diamond, bobble, snapdragon, popcorn, cross, puff, cluster, or seed/granite. Can include one or more colors in alternating rows (stripes). Scarf must be at least 24" long.

HAND EMBROIDERY Category

All embroidery projects are to be a "finished" item (for example: the stitchery is framed or made into an item such as a pillow, wall hanging, pot holder, eyeglass holder, etc.) The stitchery can be created on a purchased item, such as a pillowcase, clothing, tote bag, purse, bib, or dishtowel. Items may be made from purchased kits that meet the individual project guidelines.

The sizes mentioned in the classes below (such as 5" X 7") relate to the amount of stitching, not the size of the fabric, frame, or finished item.

One Type of Embroidery Stitch:

- 818A **Redwork:** Embroidery item made with a single color of floss such as "Redwork," using red floss. Must use the stem stitch and have an embroidered area equivalent to 5 x 7 inches or larger.
- 818B **Stamped Cross Stitch:** Cross stitched design stamped (printed/drawn) on plain woven fabric and have an embroidered area equivalent to 5 x 7 inches or 2" x 16" border or larger.

Multiple Types of Embroidery Stitches:

Charted Embroidery Using Large Cross or Snowflake Stitches:

- 820 **Cross Stitch on Gingham**: Cross stitch on ¼-inch gingham and have an embroidered area equivalent to 5 x 7 inches or larger.
- or **Counted Cross Stitch on 11 Count Aida Cloth**: Must have an embroidered area equivalent to 5 x 7 inches or larger.
- or **Chicken Scratch on gingham**: Chicken Scratch (also known as Snowflake embroidery) on ¼ inch or smaller checked gingham fabric. Must have an embroidered area equivalent to 5 x 7 inches or larger.

Charted Embroidery Using Specialty Cloth:

- 822 **Counted Cross Stitch on 14 Count Aida Cloth**: Must have an embroidered area equivalent to 5 x 7

Embroidery Using Advanced Skills:

- 823 **Ribbon Embroidery Using Silk Ribbon for 5 or More Embroidery Stitches**: Design may also include use of embroidery floss in addition to the silk ribbon.
- or **Crazy Quilt Patchwork**: Constructed of irregularly shaped fabric pieces embellished with a combination of ribbon work, specialty thread, embroidery stitches, and/or beadwork creating a finished crazy quilt design.
- or **Counted Cross Stitch on 18 or 22 Count Even Weave or Aida Cloth**: Must have an embroidered area equivalent to 5 x 7 inches or larger.

or **English Smocking:** Smocked area must be equivalent to 4 x 6 inches or larger. Design must include at least 5 different smocking/embroidery stitches.

KNITTING Category

The objective is for youth to learn the skills involved in hand knitting with needles. Therefore items made on a knitting loom or knitting machine are NOT to be entered and will not be judged.

- 824 **Small/simple knitted item(s):** Items such as a hat, pillow, purse, scarf, belt, doll afghan, or two wash cloths using worsted weight yarn. Solid color or variegated yarn is acceptable. Wash cloths should be made from worsted weight cotton yarn. Items are limited to those that include garter stitch, stockinette stitch, and/or ribbing stitch. Scarf must be at least 24" long. Items made on a knitting machine or looms do not fit in this class.
- 825 **Knitted Item created with Novelty/Decorative Yarn(s):** Do not use standard medium weight yarn. Such as a purse, scarf, hat, leg warmers, etc. Scarf must be at least 24" long. Items made on a knitting machine or looms do not fit in this class.
- 826 **Larger/simple knitted item(s):** Items such as a pair of mittens; pair of slippers, shawl; or afghan (minimum size equivalent to 36" x 36"). May use yarn other than worsted weight yarn. Two colors and one pattern stitch may be used in addition to garter stitch, stockinette stitch, and/or ribbing stitch. Items made on a knitting machine or loom do not fit in this class.

LACEWORK – TATTING Category

- 830 **One thread tatting:** Tatted item or item embellished with tatted edging or tatted motifs using a tatting needle or shuttle and single thread. Item should include rings with picots and double stitches only. Item to which the tatting is attached may be purchased, made by member or by someone else. Judging is based on tatting and quality of workmanship in attaching it to the item.

- 831 **Two thread tating:** Bookmark, jewelry, tatted embellishment on clothing or other item using size 5 needle or shuttle and 2 appropriate sized threads. Item must include chains and rings with picots and double stitches, may use one or two colors of thread. Item to which the tating is attached may be purchased, made by member or by someone else. Judging is based on tating and quality of workmanship in attaching it to the item.

QUILTING Category

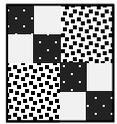
All projects are to be a completed item that includes a pieced top, batting, backing fabric, and a finished outer edge. Quilting on long arm quilting machines or hooped embroidery machines is not an option for the Needlework-Quilting project. Quilting or tacking should be done by hand or with the use of a conventional sewing machine. Refer to 4-H Quilting publications.

833 **Quilted Mat (12" x 12" finished size)**

Exhibit a 2 x 2 "quilt" made with four six-inch squares. At least two of the 6-inch squares must be patchwork designs in which square and/or rectangle pieces are pieced together (do not include triangle pieces).

Piecing technique: stitch by hand or sewing machine

Quilting technique: machine tack or hand tie, stitch by hand or use a conventional sewing machine (Do NOT use a long arm quilting machine or hooped embroidery machine.)

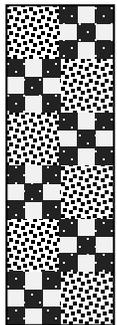


834 **Quilted Runner—machine tacked or hand tied (12" x 36" finished size)**

Exhibit a 1 x 3 four-block runner "quilt". Each four-block must include at least two 6-inch square patchwork blocks made with square and/or rectangle pieces (do not include triangle pieces).

Piecing technique: stitch by hand or sewing machine

Quilting technique: machine tack or hand tie.



835 **Quilted Runner—quilted by hand or sewing machine (12" x 36" finished size)**

Exhibit a 1 x 3 four-block runner "quilt". Each four-block must include at least two 6-inch square patchwork blocks made with square and/or rectangle pieces (do not include triangle pieces).

Piecing technique: stitch by hand or sewing machine

Quilting technique: stitch by hand or use a conventional sewing machine (Do NOT use a long arm quilting machine or hooped embroidery machine.)

836 **Hand Quilted Wall Hanging or Small Quilt (36" x 36")**

Exhibit a 4 or 9 block quilt or quilted wall hanging. Each block must measure 12 inches by 12 inches for the 4-block version or 9 inches by 9 inches for the 9-block version. Finished project must include appliqué and/or triangle pieces with sashing and/or borders. Finished quilt not to exceed 36 inches by 36 inches.

Piecing technique: stitch by hand or sewing machine

Quilting technique: stitch by hand using cross hatching, stitching in the ditch, or echo/outline quilting.

Edge finishing technique: Applied binding with mitered corners, hanging sleeve optional.

837 **Machine Quilted Wall Hanging or Small Quilt (36" x 36")**

Exhibit a 4 or 9 block quilt or quilted wall hanging. Each block must measure 12 inches by 12 inches for the 4-block version or 9 inches by 9 inches for the 9-block version. Finished project must include appliqué and/or triangle pieces with sashing and/or borders. Finished quilt not to exceed 36 inches by 36 inches.

Piecing technique: stitched by hand or sewing machine

Quilting technique: stitch using a conventional sewing machine using cross hatching, stitching in the ditch, or echo/outline quilting. (Do NOT use a long arm quilting machine or hooped embroidery machine.)
Edge finishing technique: Applied binding with mitered corners, hanging sleeve optional.

838 **Creative Quilt or Quilted Wall Hanging (at least 24" x 24" up to 48" x 48")**

Exhibit a creative quilt, minimum finished size 24 inches by 24 inches, maximum size 48 inches by 48 inches. Quilt top should include advanced piecing techniques joined by hand and/or machine that may include dimensional pieces, appliqué, foundation piecing, English paper piecing, miniature scale, and/or landscape design.

Piecing technique: stitch by hand or sewing machine

Quilting technique: Stitch by hand or conventional sewing machine using stippling or patterned/stenciled motifs. (Do NOT use a long arm quilting machine or hooped embroidery machine.)

Edge finishing technique: Applied binding with mitered corners, hanging sleeve optional.

Revised 9-29-2017

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DIVISION 6035 - 4-H FOOD EXHIBITS—2018

Sandra Bastin – Food & Nutrition Specialist

Martha Welch – Extension Specialist for 4-H Youth Development

1. **Classes in Division:** Classes 841—858.
2. **Number of Entries Permitted:**
 - a. A county may submit ONE entry per class.
 - b. Member may enter up to 3 classes in the Food Division. (This means: a member's name could appear up to 3 times on the county's Food Division invoice.)
3. **General Rules:**
 - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at www.kystatefair.org. Click on "Competition," then "Premium Book", then 4-H Exhibits.
 - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
 - c. Items entered must have been completed by the exhibitor within the current program year.
 - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
 - a. Recipes: Entries are to be made using recipes specified in the class description. All recipes can be found in the **2018 4-H Fair Recipe Book** at <http://4-h.ca.uky.edu/content/food-and-nutrition>, in the **4-H Cooking 101-401 Series** or contact your county Extension agent for 4-H YD.
 - b. Place the baked product on a disposable plate. Place the plate inside a re-closable zip-type bag to maintain freshness and prevent damage. (Exhibit will not be disqualified if the plate is not inside the bag.
 - c. Use of plastic film or aluminum foil to wrap product is discouraged but will not cause the product to be disqualified.
 - d. To prevent damage, wrapped cakes should be transported in a sturdy container such as a cardboard box. *Containers, pie pans, etc. will NOT be returned to the exhibitor.*
5. **Additional Documentation Required:** none
6. **Labeling:**
 - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Attach the label securely to the outside wrapper of each food entry.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
 - a. Each entry that meets class requirements will receive a ribbon.
 - b. A class champion will be named in each class.
 - c. An overall grand champion and a reserve champion will be selected.
9. **Class Descriptions:** 4-H food entries will be divided into the following levels and classes:

All recipes are located in the **2018 4-H Fair Recipe Book** at <http://4-h.ca.uky.edu/content/food-and-nutrition> and also in the publication identified in the class description.

Muffins

- 841 Three **Oatmeal Muffins**: Use recipe in **4-H Cooking 101**, p. 54.
842 Three **Cheese Muffins**: Use recipe in **4-H Cooking 201**, p. 49.

Biscuits

- 843 Three **Rolled Biscuits**: Use recipe in **4-H Cooking 201**, p. 50.

Quick Breads

- 845 Three **Cornmeal Muffins**: Use the recipe in the **2018 4-H Fair Recipe Book** at <http://4-h.ca.uky.edu/content/food-and-nutrition>.
846 Three pieces of **Coffeecake with Topping**: Use recipe in **4-H Cooking 101**, p. 59. Nuts are optional.

Cookies

- 848 Three **Brownies**: Use recipe in **4-H Cooking 101**, p. 67. Nuts are optional.
849 Three **Snickerdoodle Cookies**: Use the recipe in **4-H Cooking 201**, p. 88 or in the **2018 4-H Fair Recipe Book** at <http://4-h.ca.uky.edu/content/food-and-nutrition>.

Cakes

- 850 Half of one 8" or 9" layer **Rich Chocolate Cake** (no icing): Use recipe in **4-H Cooking 301**, p. 116.
852 1/4 of a **Basic Chiffon Cake**: Use recipe in **4-H Cooking 401**, p. 118. Do not use variations.

Bread Made in a Bread Machine

- 857 One loaf **Honey Whole Wheat Bread** made in a bread machine: Use the recipe in the **2018 4-H Fair Recipe Book** at <http://4-h.ca.uky.edu/content/food-and-nutrition>. May be a 1-pound, 1 ½-pound, or 2-pound loaf.

Candy

- 858 Three pieces **Classic Chocolate Fudge** (size: about one inch square): Use recipe in **4-H Cooking 401**, p. 89. Nuts are optional.

Revised 09-25-2017

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2018 Kentucky 4-H Fair Recipe Book—Food Division

Updated 09-25-2017

For fair competition, Kentucky 4-H members are to use the recipes specified below. Most of the recipes are part of the 4-H Cooking 101 - 401 series, available from <https://shop4-h.org/collections/searchresults?type=product&q=cooking+curriculum>. Each project book explains a variety of cooking skills in easy-to-follow steps. Members who have little or no experience in cooking are encouraged to start with 4-H Cooking 101. The higher the number on the book, the more advanced the skills. It is important to read and follow the recipe to produce a high quality product. Baking times may need to be adjusted if the product does not appear done.

Muffins

- 841 Three **Oatmeal Muffins**: Use recipe in *4-H Cooking 101*, p. 54.
- 842 Three **Cheese Muffins**: Use recipe in *4-H Cooking 201*, p. 49.

Biscuits

- 843 Three **Rolled Biscuits**: Use recipe in *4-H Cooking 201*, p. 50.

Quick Breads

- 845 Three **Cornmeal Muffins**: Use the recipe in this handout.
- 846 Three pieces of **Coffecake with Topping**: Use recipe in *4-H Cooking 101*, p. 59. Nuts are optional.

Cookies

- 848 Three **Brownies**: Use recipe in *4-H Cooking 101*, p. 67. Nuts are optional.
- 849 Three **Snickerdoodle Cookies**: Use the recipe in this handout or in *4-H Cooking 201*, p. 88.

Cakes

- 850 Half of one 8" or 9" layer **Rich Chocolate Cake** (no icing): Use recipe in *4-H Cooking 301*, p. 116.
- 852 One-fourth of **Basic Chiffon Cake**: Use recipe in *4-H Cooking 401*, p. 118. Do not use variations.

Bread Made in a Bread Machine

- 857 One loaf **Honey Whole Wheat Bread** made in a bread machine: Use the recipe in this handout. May be a 1-pound, 1 ½-pound loaf, or 2-pound loaf.

Candy

- 858 Three pieces **Classic Chocolate Fudge** (size: about one inch square): Use recipe in *4-H Cooking 401*, p. 89. Nuts are optional.

Muffins

Carol's Oatmeal Muffins

Used with permission from 4-H Cooking 101, p. 54, University of Illinois Extension

Yield: 10-12 muffins

Ingredients

1 1/3 cups all-purpose flour
3/4 cup rolled oats, quick cooking or regular
1/3 cup granulated sugar
2 teaspoons baking powder
1/4 teaspoon salt
1 egg
3/4 cup milk
1/4 cup oil

Equipment

Non-stick cooking spray
Large mixing bowl
Mixing spoon
Measuring cups
Measuring spoons
Small bowl and fork
Muffin pan
Wire rack
Hot pads

Order of Work

1. Preheat the oven to 400 degrees F. Lightly coat the muffin pan with non-stick cooking spray.
2. Measure flour, oats, sugar, baking powder, and salt into the large bowl. Mix with a spoon.
3. Break the egg into the small bowl and beat it lightly with the fork. Then stir in the vegetable oil and milk.
4. Add the egg mixture to the dry mixture in the large bowl.
5. With a large spoon, mix only about 25 times, just enough to get the dry ingredients wet. The dough is supposed to be lumpy. If you mix too much, your muffins will be tough.
6. Carefully spoon the batter into prepared muffin pan. Fill each cup two-thirds full.
7. Bake for 20 minutes or until golden brown. Remove pan from the oven with hot pads. Let muffins cool slightly; then remove them from the pan and place them on a wire rack to cool.



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For the fair: This recipe is based on use of a standard size muffin tin. If using a mini size tin, reduce cooking time to 9 to 11 minutes or until golden brown. After the muffins are cool, place three muffins on a disposable plate. Place the plate in a re-closeable zip-type plastic bag.

Cheese Muffins

Used with permission from 4-H Cooking 201, p. 49, University of Illinois Extension

Yield: 12 muffins

Ingredients

2 cups flour
1 tablespoon baking powder
1 tablespoon sugar
1/2 teaspoon salt
1 teaspoon powdered mustard
1/2 teaspoon garlic powder
1 egg, slightly beaten
1 cup milk
1/4 cup oil
1/2 cup shredded cheddar cheese

Equipment

Muffin pan
Baking cup liners, optional
Nonstick cooking spray
Flour sifter
Mixing bowls, large and small
Measuring spoons
Measuring cups
Mixing spoon
Rubber scraper

Order of Work

1. Preheat oven to 375 degrees F. Lightly coat muffin pan with nonstick cooking spray or place a baking liner in each muffin cup.
2. Place flour sifter in mixing bowl. Measure flour and pour into sifter. Add baking powder, sugar, salt, mustard, and garlic powder to the flour in the sifter. Sift together into the mixing bowl.
3. Combine slightly beaten egg, milk, and vegetable oil in the small mixing bowl.
4. Add liquid ingredients to dry ingredients. Stir together until dry ingredients are just moist, but the batter is still lumpy. Stir in shredded cheese.
5. Fill muffin cups 1/2 full.
6. Bake for 20 minutes. Remove from oven. Best when served slightly warm.



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For the fair: This recipe is based on use of a standard size muffin tin. If using a mini size tin, reduce cooking time to 9 to 11 minutes or until golden brown. After the muffins are cool, place three muffins on a disposable plate. Place the plate in a re-closeable zip-type plastic bag.

Biscuits

Rolled Biscuits

Used with permission from *4-H Cooking 201*, p. 50, University of Illinois Extension

Yield: 12biscuits

Ingredients

2 cups all-purpose flour
1 tablespoon baking powder
3/4 teaspoon salt
1/3 cup butter or margarine, chilled
3/4 cup low-fat milk
Extra flour for kneading

Equipment

Flour sifter
Mixing bowl
Measuring cups, dry and liquid
Measuring spoons
Pastry blender or fork
Baking sheet
Biscuit or cookie cutter

Order of Work

1. Preheat oven to 450 degrees F.
2. Sift flour once and then measure it. Add to mixing bowl. Add baking powder and salt. Stir.
3. Measure the fat and add to flour mixture. Cut the fat into the flour mixture with the fork or pastry blender until well mixed.
4. Make a hole in the center of the flour. Slowly add milk and stir, using just enough to make dough soft but not sticky. Stir just enough to wet the flour.
5. Sprinkle 3-4 tablespoons of flour on a clean, dry surface and spread the flour with your hand. Turn dough onto the floured surface. Knead dough a few times. To knead the dough, rub some flour onto your hands. Use the heel of your hand to push the dough away from you, and then fold it back over itself. Give the dough a little turn, push and turn again. Repeat 6-8 more times. Over-kneading the dough or adding too much flour will make the biscuits tough.
6. Roll or pat dough to 3/4-inch thickness. Dip the biscuit cutter into the flour. Use the biscuit cutter to cut the dough or cut it into 2-inch squares with a knife. Place biscuits on ungreased baking sheet about 2 inches apart. Gather the dough scraps and reshape. Cut biscuits and add to baking sheet.
7. Bake about 10-12 minutes or until golden brown



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For the Fair: Use of a 2" biscuit cutter is preferred. After the biscuits have completely cooled, place 3 biscuits on a disposable plate. Place the plate in a re-closable zip-type plastic bag.

Quick Breads

Cornmeal Muffins

Yield: 12 muffins

Recipe adapted for use by Kentucky Cooperative Extension from "Southern Style Cornbread" published by Martha White Foods.

Ingredients

1 egg, beaten	1/4 cup oil or melted shortening
1 1/3 cups milk or 1 3/4 cup buttermilk	2 cups self-rising cornmeal mix*

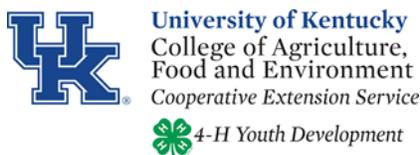
Order of Work

1. Preheat oven to 450°F. Spray a 12-cup muffin tin with non-stick cooking spray.
2. In a small bowl, beat the egg slightly.
3. Measure the remaining ingredients and pour them into a large mixing bowl.
4. Add the beaten egg to the large bowl.
5. Mix just enough to blend the ingredients but is still lumpy. (If the batter is smooth, it has probably been mixed too much.)
6. Fill the sprayed muffin cups two-thirds full of batter. Do not use paper or foil liners.
7. Bake at 450°F for 15 to 20 minutes or until golden brown.

*Be sure to read the front of the package to make sure that you are using self-rising cornmeal mix. It is usually sold in a bag similar to that in which flour is packaged. Self-rising cornmeal mix has flour and leaven already added. (Boxed corn muffin mix like that made by Jiffy is not the appropriate product to use in this recipe.)

Nutritional Analysis: 240 calories, 5 g protein, 33 g carbohydrate, 3 g dietary fiber, 10 g fat, 30 mg cholesterol, 640 mg sodium

For the fair: This recipe is based on use of a standard size muffin tin. If using a mini size tin, reduce cooking time to 8 to 10 minutes or until golden brown. After the muffins have completely cooled, place three muffins on a disposable plate. Place the plate in a re-closeable zip-type plastic bag.



Coffeecake with Topping

Used with permission from 4-H Cooking 101, p. 59, University of Illinois Extension

Yield: 9-12 servings

Ingredients

Topping:

1/4 cup firmly packed brown sugar
1 teaspoon cinnamon
1 tablespoon all-purpose flour
1 tablespoon butter or margarine
1/2 cup chopped nuts (optional)

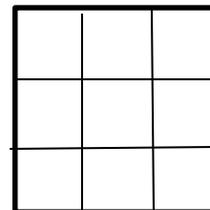
Coffeecake batter:

1 egg
1/2 cup granulated sugar
1/2 cup milk
2 tablespoons melted fat or oil
1 cup sifted all-purpose flour
1/2 teaspoon salt
2 teaspoons baking powder

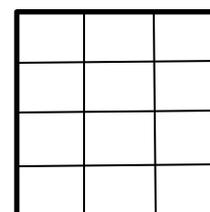
Equipment

Non-stick cooking spray
Flour sifter
Waxed paper
Measuring cups
Spatula or knife
Measuring spoons
Mixing bowls, 1 large, 2 small
Pastry blender or fork
Whisk or fork
2 mixing spoons
Scraper
Small pan for melting fat
Baking pan (8"x8")
Wire rack
Hot pads

9 pieces



12 pieces



Order of Work

1. Make the topping first. Measure the brown sugar, cinnamon, and flour into the small mixing bowl and mix well.
2. Measure the fat. Cut it into the flour-sugar-cinnamon mixture. Ask someone to show you how to do this.
3. Add nuts (if you are using them) and mix well. Set topping aside until you need it.
4. Preheat the oven to 375 degrees F.
5. Lightly coat the baking pan with non-stick cooking spray.
6. Break the egg into the mixing bowl, and beat with a whisk or fork.
7. Add the sugar, milk, and melted fat or oil to the egg, and stir until all is mixed.
8. Sift the flour once; then measure it. Add to second small mixing bowl. Add salt and baking powder. Stir flour mixture.
9. Add flour mixture to the egg mixture, and stir only until dry ingredients are wet. The batter will look lumpy. Too much mixing causes tunnels.
10. Put into the prepared pan. (Use the rubber scraper so that you won't waste batter.)
11. Use the mixing spoon to sprinkle the topping evenly over the top of the batter in the pan.
12. Put into the preheated oven. Bake about 25 minutes. The coffeecake will spring back when lightly touched and begin to pull away from the edge of the pan when it is done. The top will be a golden color dotted with the dark brown topping.
13. Take out of the oven. Allow pan to cool. Cut cake into pieces while it is still in the pan. Use turner to remove cake pieces from the pan. Serve warm.



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For the Fair: See p. 31 in 4-H Cooking 101 to learn how to "cut" fat into flour. After the coffeecake has completely cooled, place three pieces on a disposable plate. (At least one piece will be a side or corner piece.) Place the plate in a re-closable zip-type plastic bag.

Brownies

Used with permission from 4-H Cooking 101, p. 67, University of Illinois Extension

Yield: 16 squares

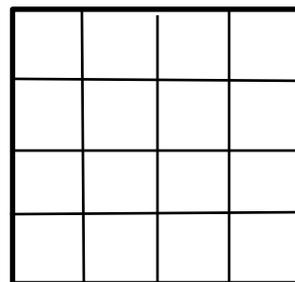
Ingredients

- 1/2 cup sifted all-purpose flour
- 1/3 to 1/2 cup cocoa
- 1/3 cup butter or margarine (not reduced fat)
- 1 cup granulated sugar
- 2 eggs
- 1 teaspoon vanilla
- 1/2 cup chopped nuts (optional)

Equipment

- Non-stick cooking spray
- Flour sifter
- Waxed paper
- Measuring cups
- Knife or spatula
- Measuring spoons
- Mixing bowl
- Mixing spoon
- Small microwave-safe bowl for melting fat
- Small bowl
- Scraper
- Baking pan (8"x8" or 9"x9")
- Hot pads
- Wire racks

16 squares



Order of Work

1. Preheat the oven at 350 degrees F.
2. Lightly coat the baking pan with non-stick cooking spray.
3. Sift flour once; then measure it.
4. Measure cocoa. Sift flour and cocoa together onto waxed paper and set aside.
5. Measure fat and melt it in the microwave. Time will vary depending on microwave.
6. Pour melted fat into mixing bowl. Measure the sugar and mix it with the melted fat until creamy.
7. Break one egg into a small bowl; then mix it well with the sugar and fat. Do the same with the other egg.
8. Add the vanilla and mix.
9. Add the flour-cocoa mixture and stir until all is mixed.
10. Add the nuts and stir until they are mixed in.
11. Put into the prepared pan. Use the rubber scraper to clean out the bowl.
12. Place into the preheated oven.
13. Bake for about 25 minutes or until brownies spring back when lightly touched. They will be an even dark-brown color on top. Brownies baked in a 9-inch-square pan will bake quicker and be thinner than those baked in an 8-inch square.
14. Take the pan out of the oven. Use hot pads because the pan is hot.
15. Place pan on a rack to cool. Cut into approximately 2-inch squares to make 16 brownies. When cool, store in a container with a tight lid.



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For the Fair: After the brownies have completely cooled, choose three. Place the brownies on a disposable plate. Place the plate in a re-closable zip-type plastic bag.

Snickerdoodle Cookies

Sandra Bastin, Extension Specialist, Food and Nutrition, Kentucky Cooperative Extension Service in **Super Star Chef Kneads a Little Dough**

Yield: 4 dozen cookies

Ingredients

1 ½ cups sugar	1 teaspoon baking soda
¾ cup butter, softened	2 teaspoons cream of tartar
1 teaspoon vanilla	½ teaspoon salt
2 eggs	2 tablespoons sugar
2 cups all-purpose flour	2 teaspoons cinnamon, ground

1. Preheat the oven to 400° F.
2. In a large mixing bowl, combine 1 ½ cups sugar and butter; beat until light and fluffy. Add vanilla and eggs; beat well.
3. In a medium bowl, combine flour, baking soda, cream of tartar, and salt together; mix until well blended. Slowly add the flour mixture to the butter and sugar mixture until well mixed.
4. Cover the bowl of dough with plastic wrap and refrigerate the dough for about an hour.
5. Remove the dough from the refrigerator. Shape dough into ½" balls.
6. In a small bowl, combine 2 tablespoons sugar and cinnamon. Roll dough in this mixture and place 2 inches apart on ungreased cookie sheets.
7. Bake at 400° F for 8 to 10 minutes or until golden brown. Immediately remove cookies from the cookie sheets to wire racks to cool.

For the Fair: After the cookies have completely cooled, choose three cookies that are the same size. Place the cookies on a disposable plate. Place the plate in a re-closable zip-type plastic bag.



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4-H Youth Development

Cakes

Rich Chocolate Cake

Used with permission from 4-H Cooking 301, p. 116, University of Illinois Extension

Yield: 12 servings

Ingredients

3 squares unsweetened chocolate, melted
1 teaspoon flour
3 cups sifted cake flour
1/2 teaspoon salt*
3 teaspoons baking powder
1 1/4 cups unsalted butter*
2 1/4 cups sugar
1 teaspoon vanilla
4 eggs
1 cup milk

Equipment

Small pan or microwave-safe bowl
3 8-inch** or 2 9-inch cake pans
Nonstick cooking spray
Large and small mixing bowls
Measuring cups and spoons
Sifter
Mixing spoon
Mixer
Rubber scraper
Toothpick or cake tester
Cooling rack(s)

Order of Work

1. Melt chocolate in small pan over low heat or in microwave (following directions package) and cool to lukewarm.
2. Preheat oven to 350 degrees F. Lightly coat cake pan(s) with nonstick cooking spray. Add 1 teaspoon flour to pan. Rotate and shake pan until surfaces are coated with flour. Remove excess flour. (Or cover bottom of pans with wax paper instead of flouring pans.)
3. Lightly spoon cake flour into measuring cup; sift and then measure. Place flour in small mixing bowl. Add salt and baking powder to flour and mix well; set aside.
4. In large mixing bowl, use mixer to cream butter until soft; gradually add sugar, mixing until mixture is very light and fluffy, about 3 to 5 minutes. Add vanilla and continue creaming.
5. Add eggs one at a time and beat well after adding each egg.
6. Add cooled chocolate to creamed mixture.
7. Add one-third of the sifted flour mixture and half of the milk; repeat until all of the flour and milk are used. After each addition of flour and milk, mix for 1 minute.
8. Pour batter into pan(s) and bake for 40 to 45 minutes for 8-inch or 9-inch pans. Use toothpick or cake tester to test cake. Toothpick or cake tester should come out clean when inserted into center of cake.
9. Remove from oven and cool on rack for 15 minutes before removing from pan(s).

Nutrition Facts per Serving: 434 calories, 26 g fat, 270 mg sodium, 54 g carbohydrates, 2 g fiber, 6 g protein, 70 mg calcium

*If desired, decrease salt to 1/4 teaspoon and use salted butter.

**If using 3 8-inch pans, be sure there is enough room in the oven for air to circulate for even baking.



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Substitute: You may substitute 3 tablespoons of unsweetened cocoa and 1 tablespoon oil, melted butter or shortening for each square of chocolate.

For the Fair: Let cake completely cool. Do not frost cake. Cut one layer of the cake in half. Place one half of one layer of cake on a disposable plate. Place the plate in a re-closable plastic bag.

Basic Chiffon Cake

Used with permission from 4-H Cooking 401, p. 118, University of Illinois Extension

Yield: 16 servings

Ingredients

2 1/4 cups cake flour
1 tablespoon baking powder
1 teaspoon salt
1 1/2 cups sugar, divided
1/2 cup vegetable oil
5 large egg yolks
1 tablespoon vanilla
3/4 cup cold water
7 large egg whites
1/2 teaspoon cream of tartar

Order of Work

1. Preheat oven to 325 degrees F.
2. In a large bowl, combine flour, baking powder, salt, and 1 cup sugar.
3. Make a well in the center and add oil, egg yolks, vanilla, and water. Whisk until smooth.
4. Beat egg whites and cream of tartar in large mixing bowl until soft mounds begin to form.
5. Beating at high speed, sprinkle remaining 1/2 cup sugar over egg whites, 2 tablespoons at a time. Beat until stiff peaks are formed.
6. Gently fold one-third of the whites into the yolk mixture. Fold in remaining whites.
7. Pour batter into an ungreased tube pan.
8. Bake 1 1/2 hours or until top springs back when lightly touched. If cake pan has prongs around the rim for elevating the cake, invert pan onto them. If not, invert pan over the neck of a bottle or funnel so that air can circulate. Let the cake cool completely, 2 to 3 hours.
9. Carefully run a metal spatula around the sides of the pan to loosen cake. Remove cake from the pan and place on cake plate. Cut slices by sawing gently with serrated knife.

Nutrition Facts per Serving: 231 calories, 8 g fat, 276 mg sodium, 35 g carbohydrate, less than 1g fiber, 4 g protein, 30 mg calcium.



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For the Fair: After the cake has completely cooled, cut one piece which is a quarter of the cake. Place the piece on a disposable plate. Place the plate in a re-closeable zip-type plastic bag. For added protection you may place the bag in a small box.

Bread Made in a Bread Machine

Honey Whole Wheat Bread

Sandra Bastin, Extension Specialist, Food and Nutrition, Kentucky Cooperative Extension Service in **Super Star Chef Kneads a Little Dough**

16 servings per 1-pound loaf

Ingredients	1-pound loaf	1 1/2-pound loaf	2-pound loaf
Active dry yeast	1 ½ teaspoons	2 ¼ teaspoons	3 teaspoons
Bread flour	1 1/3 cups	2 cups	2 2/3 cups
Whole wheat flour	2/3 cup	1 cup	1 1/3 cups
Salt	1 ½ teaspoons	2 teaspoons	3 teaspoons
Butter (cut in small pieces)	2 teaspoons	1 tablespoon	4 teaspoons
Honey (80°F)	2 tablespoons	¼ cup	¼ cup + 2 tablespoons
Milk (80°F)	¼ cup	½ cup	½ cup
Water (80°F)	¼ cup	¼ cup	½ cup
Egg	1 large	1 large	2 large

1. Add the ingredients in the order specified in your bread machine owner's manual.
2. Set the bread machine on the basic/standard bread making setting.
3. Select the medium or normal baking cycle.
4. Cool to room temperature before slicing.

Getting the Most From Your Bread Machine Nutrition Analysis (1 slice from 1-pound): 42 calories, 2 g protein, 7g carbohydrates, 1 g fat (21%)

For the Fair: After the loaf cools completely, place one loaf in a re-closable zip-type plastic bag.



Candy

Classic Chocolate Fudge

Used with permission from 4-H Cooking 401, p. 89, University of Illinois Extension

Yield: 1 ½ pounds or 32 pieces

Ingredients

Butter, softened
2 cups sugar
¾ cup half and half or whole milk
2 ounces unsweetened baking chocolate, coarsely chopped
2 tablespoons corn syrup
¼ teaspoon salt
2 tablespoons butter
1 teaspoon vanilla
½ cup coarsely chopped nuts, if desired

Order of Work

1. Line a 9" x 4" x 3" loaf pan or an 8" x 8" pan with foil, extending the foil over the edges of the pan. Butter the foil and set aside.
2. Butter the sides of a heavy 2-quart saucepan. In the saucepan combine sugar, milk, chocolate, corn syrup, and salt.
3. Cook and stir over medium-high heat until the mixture boils. Clip a candy thermometer to the side of the pan.
4. Reduce heat to medium-low; continue boiling. Stir frequently.
5. Cook until the thermometer registers 234 degrees F. If no thermometer is available, cook to the soft ball stage. Test by dropping a small amount of syrup into cold water.
6. When candy reaches 234 degrees F, remove saucepan from heat. Add butter and vanilla but DO NOT STIR.
7. Cool, without stirring or disturbing in any way, to 110 degrees F. This should take 45 to 60 minutes.
8. Remove thermometer from saucepan. With a wooden spoon, beat vigorously until fudge just begins to thicken. If desired, add nuts. Continue beating until the fudge becomes very thick and just starts to lose its glossy sheen. This should take 5 to 10 minutes.
9. Immediately spread fudge in the prepared pan. Score the pieces while still warm.
10. When fudge is firm, use the foil to lift out of the pan. Cut fudge into squares.
11. Store fudge in a tightly covered container.

Nutrition Facts per Piece with Nuts: 87 calories, 3 g fat, 27 mg sodium, 15g carbohydrate, less than 1 g fiber, less than 1 g protein, 7 mg calcium



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For the Fair: Nuts are optional. Cut the fudge into pieces, about 1 inch square. Place 3 pieces on a disposable plate. Place the plate inside a re-closable zip-type plastic bag.



DIVISION 6039 - 4-H HOME ENVIRONMENT—2018

Martha Welch – Extension Specialist for 4-H Youth Development

1. **Classes in Division:** Classes 887-913
2. **Number of Entries Permitted:**
 - a. County may submit ONE entry per class.
 - b. A member may enter up to two classes within ONE of the Units I through Advanced and one class in Changing Spaces in the Home Environment Division. (This means: a member's name could appear a total of three times in Home Environment--up to two times in ONE of the "units" and one time in "Changing Spaces" on the county's Home Environment Division invoice sheet.)
3. **General Rules:**
 - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at www.kystatefair.org. Click on "Competition," then "Premium Book", then "4-H Exhibits."
 - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
 - c. Items entered must have been completed by the exhibitor within the current program year.
 - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
 - a. Exhibit must be in the unit in which the 4-Her is enrolled.
 - b. Only those entries that are properly labeled and documented will be considered for class champion.
 - c. Items normally hung on the wall, such as pictures and bulletin boards, must be ready to hang with appropriate hardware permanently attached. Items will be exhibited on a wall made of metal grids using S hooks, binder clips or zip ties. Entries mounted on mat or foam core board do not require hardware; they will be hung on the wall using binder clips.
 - d. "Refinished" item refers to an item already in use which has been given a new finish using paint or some type of seal.
5. **Additional Documentation Required:**
 - a. The following classes require documentation: 893, 894, and 897-913. Read class description carefully.
 - b. Write the member's name, county, and class number on the front of the sheet, folder or notebook of documentation. Attach documentation to item with a safety pin or binder clip.
6. **Labeling:**
 - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Attach it in the most visible place on the exhibit, preferably on the lower right-hand corner. Labels may be securely taped, attached with a rubber band through a hole in the corner or safety pinned (fabric items). Do NOT use straight pins.
 - b. Small label: To insure that all parts of the exhibit make it back to the county, "hide" a small label (with a minimum of the county name) on EVERY part that might become separated from others; these should not be visible to the public when displayed.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
 - a. Each entry that meets the class requirements will receive a ribbon.
 - b. A champion will be named in each class.
 - c. An overall grand champion and a reserve champion will be selected.
9. **Class Descriptions:** 4-H Home Environment entries may be made in the following classes:

Unit I EXHIBITS from Exploring Your Home project book

- 887 **Color Collage** (pp. 7-8, activity 3): A collage of color created by the member to depict colors liked by the member. A collage is made up of a collection of objects (such as paper, fabric, wrapping paper, wallpaper, carpet, or other materials) artistically arranged and adhered to a mat board or foam core board.
- 889 **Transparent finish applied to small wood object** (pp. 13-14): Apply a clear finish such as tung oil, penetrating seal or polyurethane which does not include stain to a small wood object such as a bowl, tray, cutting board, board game or box. A transparent finish allows the wood grain to show through. Judging emphasis will be on how well the object is prepared for the finish and how well the finish has been applied, not the construction of the wood object. The wood object may be made by the member, made by someone else, purchased or found. Items that are stained or finished with paint do not fit in this class.
- 890 **Simple cloth item for the home** (Sewing machine may be used but is not required): Examples: decorative pillow, tablecloth, laundry bag, place mats; footstool with a seat made of woven fabric; fabric applied to an item such as a box, plate, or lampshade. Unacceptable: purses, tote bags, backpacks, duffle bags.
- 891 **Wastebasket** (pp. 10-12) decorated by member
- 892 **Bulletin board** (If it is to be hung on a wall, it must be ready to hang with appropriate hardware attached.)

Unit II EXHIBITS from Living with Others project book

- 893 **Decorative item for the home & photo:** decorative item created by the member as part of a 4-H Home Environment Project. Include a **photo** showing how the item fits into the home's décor.
- 894 **Simple wood item refinished** by the 4-H member (pp. 14-15): Item should have straight lines with no elaborate carvings or turnings. (The idea is to learn how to apply a new finish such as paint, stain, varnish, polyurethane, etc. to a simple wooden furnishing that's already in use.) **Documentation** is to include a "before" photo with explanation of how the item was refinished must be securely attached. Examples: refinished footstool, children's furniture, small box, tray, picture frame, bookshelves, and plant stand.
- 895 **Cloth item for the home created using a sewing machine** (Unit II, p. 12-14): Examples: hemmed tablecloth or table runner, wall hanging, pillow, pillow case, throw, embellished towels, shower curtain, chair cover, laundry bag, pet bed, valence, and curtains. Unacceptable: purses, tote bags, backpacks, duffle bags.
- 896 **Invitation and thank you letter/note:** Design an invitation and thank you letter/note for a sleepover, birthday party or other occasion of your choice. (p. 6-7) Cards/letters may be created with computer software or handwritten. Decorations on the cards/letters may be member's original artwork, computer-generated art, purchased or found decorative items. The message written in the card or letter is more important than the decorations. Write your name and county on the back of each card/letter and place each card/letter in a plastic sheet protector. (For the fair, it is best to use a fictitious address and contact information on the invitation or thank you.) Envelopes are not required for exhibit.

Unit III EXHIBITS from Where I Live project book.

- 898 **Individual place (table) setting:** This exhibit is to be made up of two parts: 1) one individual place setting appropriate to a theme or event chosen by the 4-H member and 2) a color **photo or diagram** of the place setting showing how it should be arranged. (pp. 11-13) Include plate, beverage container(s), placemat, and napkin. Additional decorative item(s) are optional. All items that make up the place setting are to fit on the surface of the placemat. Flatware (knife, fork and spoon) **must** be included in the photo/diagram showing how all the items are arranged, but do NOT send flatware to the state fair. To insure that all pieces get returned to the member, write the name and county of the exhibitor on tape and place it on every part of the table setting in a location hidden to the public when exhibited at the fair.
- 900 **Old or discarded item made useful in a new way as a home accessory** (p. 20): This exhibit is to be made up of two parts: 1) the accessory and 2) a sheet or folder of **documentation**. Documentation is to include a “before” photo; an explanation of how the item was made useful again in a new way; materials used, cost and time involved in project. Examples: old silverware flattened and made into wind chimes; scrap wood pieces made into wall art; old lace doily attached to a pillow or framed; old tool box cleaned up and made into a TV stand.

Unit IV EXHIBITS from In My Home project book

CHANGING SPACES:

- 909 Room Floor Plan:** This exhibit is to be made up of two parts: 1) a mounted printout of a room and 2) folder of the **documentation** described below. Use the Better Homes and Gardens web site www.bhg.com/decorating/arrange-a-room/ or similar software to draw a room (scale: 1 square = 1 foot). Include a door(s), window(s), and furniture. Print in color or black and white (Minimum size 8 ½ x 11 inches. Maximum size 11 x 17 inches). Mount the printout on mat board or foam core board. Documentation should include answers to these questions: 1. Is the room you have drawn similar to a room in your house? What are its dimensions? How many square feet are in the room? 2. Did you have problems with the web site or software? If so, how did you solve them? 3. Tell about how you worked with the items in your room such as walls, windows, doors and furniture.

Revised: 9-26-2017

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.



DIVISION 6040 - CONSUMER AND FINANCIAL EDUCATION—2018

Kim Leger, Extension Specialist for 4-H Youth Development

1. **Classes in Division:** Classes 914-915 for grades 4-5; Classes 916-917 for grades 6-8; Classes 918-920 for grades 9-12
2. **Number of Entries Permitted:**
 - a. County may submit ONE entry per class.
 - b. A member may enter only one class in the Consumer and Financial Education Division. (This means: a member's name should appear only one time on the county's Consumer and Financial Ed Division invoice sheet.)
3. **General Rules:**
 - a. See "General Rules Applying to All 4-H Exhibitors in the Kentucky State Fair" at www.kystatefair.org. Click on "Competition", then "Premium Book", then "4-H Exhibits."
 - b. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
 - c. Items entered must have been completed by the exhibitor within the **current program year**.
 - d. The decision of the judges is final.
4. **Unique Rules or Instructions:**
 - a. Create poster on 20" wide x 30" high foam core board or sturdy cardboard (turned in a vertical direction).
 - b. The use of pencil on the front of the poster is discouraged.
 - c. Judging criteria will be based on theme, poster design (lettering, attractiveness, how well it conveys a message), and narrative.
 - d. Information for the following classes can be found in the 4-H Consumer Savvy project manuals—*The Consumer in Me*, *Consumer Wise*, and *Consumer Roadmap*.
 - e. Posters that do not include the narrative or do not conform to the topics specified in the class description will not be judged.
5. **Additional Documentation Required:** Every class in this division requires a narrative. See class description for specifics.
6. **Labeling:**
 - a. Identification Card (4LO-11SO): The State Fair Entry system will generate this label. Attach the Identification Card securely to the front of the poster, in the bottom right corner. It must not protrude beyond edge of poster.
7. **Entry Instructions:** All exhibits are entered through the State Fair's electronic submission system by the county Extension staff.
8. **Awards:**
 - a. Each entry that meets class requirements will receive a ribbon.
 - b. A champion will be named in each class.
 - c. An overall grand champion and a reserve champion will be selected for the division.
9. **Class Descriptions:**

Level 1 (Grades 4-5): The Consumer in Me

- 914 Poster on “Bargain Shopping”** –For grades 4-5; complete a cost comparison chart for one product you and your family use as outlined in the activities under “Bargain Shopping” on pp. 20-21. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative telling how the decision making process was used to reach your final choice; include answers to the questions in “Check This Out!” on p. 21. At the end of the narrative, list the sources of information used in researching the topic. Make a poster on “comparison shopping.” Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.
- 915 Poster on “What is the Best Buy?”** – For grades 4-5; complete a cost comparison chart for two products in three different sizes as outlined in the activities on pp. 22-23. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative telling how the decision making process was used to reach your final choice; include answers to the question in “Check This Out!” on p. 23. At the end of the narrative, list the sources of information used in researching the topic. Make a poster on “checking prices”. Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.-

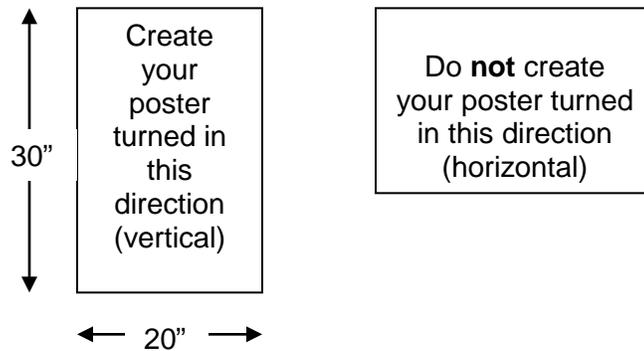
Level 2 (Grades 6-8): Consumer Wise

- 916 Poster on “Media and the Marketplace”** –For grades 6-8; complete a commercial comparison as outlined in the activities on pp. 18-19. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 19 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “advertising aimed at young people”—Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.-
- 917 Poster on “Decision! Decisions! Decide!”** —For grades 6-8; complete the 6-Step Decision Making process on any item you wish to purchase as outlined in the activities on pp. 12-13. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 13 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “the consumer decision-making process”. Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on -front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.-

Level 3 (Grades 9-12): Consumer Roadmap

- 918 Poster on “How to Write a Wrong”** –For grades 9-12; write a complaint letter as outlined in the activities on pp 22-23. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 23 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “resolving a consumer complaint”. Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.-

- 919 Poster on “I Own a Car or Does It Own Me?”** –For grades 9-12; calculate and illustrate the costs of owning a car as outlined in the activities on pp. 28-31. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on pp. 29-30 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “consumer decision-making in buying a car.” Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.-
- 920 Poster on “What Does Real Life Cost?”** –For grades 9-12; identify and illustrate the true costs of living on your own as outlined in the activities on pp. 32-33. Use 20” X 30” foam core board or cardboard, turned in a vertical direction. Write a narrative of your answers to the questions in “Check This Out!” on p. 33 and tell what conclusions you were able to draw from the experience. At the end of the narrative, list the sources of information you used in researching your topic. Make a poster related to “the financial responsibilities of living on your own. Include name, age, and county at top of narrative. The narrative can be handwritten or a computer printout; single or double spaced; on plain white or notebook paper--one to two pages, written/printed on front side only. Place the narrative in a plastic sleeve. Attach the sleeve to the back of the poster with tape or a binder clip.-



Revised 9-27-2017



DIVISION 6041 – 4-H LEADERSHIP & COMMUNICATIONS PROJECT

Rachel Noble & Dr. Charles Stamper – 4-H Youth Development Specialists

1. See General Rules applying to all 4H exhibitors and general rules applying to all 4H exhibits other than livestock.

2. Exhibits **MUST** correspond to:
 - a. Any project or activity from the Leadership (4-H Step Up to Leadership and Unlock Your Leadership Potential) and/or Communications project books.
 - b. Only pages relevant to project are needed. Additional pages are allowed but will not be considered by the judges.
 - c. The 4-H ID card (4LO-11SO) should be securely attached to the outside lower right corner of the outside cover. Inside, clearly indicate the pages that are to be judged. If the pages to be judged are not clearly marked then the last 2-4 pages of the book will be reviewed.
 - d. **THIS IS NOT A GENERAL SCRAPBOOKING CATEGORY.** (For scrapbooking, see 6029, class 745/746) The scrapbook format is a method of recording the Leadership and/or Communications experiences of youth who participate in these project areas. State Fair projects that do not demonstrate a clearly stated correspondence to a Leadership or Communications activity will not be considered for judging or will receive a white ribbon.

3. One exhibit per county per class. Exhibits that do not meet the established criteria will not be considered for judging.

4. An exhibitor is limited to one set of record pages in each division for a total of three (3) entries.

5. Exhibit must be in an 8 ½" x 11" or 12" x 12' notebook or scrapbook format. Format will allow a Leadership or Communication Portfolio to be developed and kept over multiple years.

6. Refer to the class entry to determine the required number of pages.

7. Photos should clearly address the theme or activity corresponding to the selected leadership project or communication project. Each photo should be explained with a 2-3 sentence journaling caption. One or two paragraphs of narrative explaining the project or activity should be included on the scrapbook pages. Clearly indicate pages to be judged. Additional pages beyond those required by the project will not be reviewed.

8. The Leadership and/or Communications Project should contain the following:
 - a. 2 or more photos on each page;
 - b. Each photo should be explained with captions (see #9);
 - c. 1-2 paragraphs of narrative (see #9) on one of the pages;



- d. No additional pages of narrative are needed
- 9. Photos can be taken by the 4-Her or another person. The pictures should clearly address the Leadership or Communication project that is selected. Pictures may be cropped as desired.

DIVISION 6041-A 4-H COMMUNICATION PROJECT:

- 925. Junior Division: Resume – one page resume using Microsoft Word. See the Kentucky 4-H Workforce Preparation and Career Readiness Curriculum <https://4-h.ca.uky.edu/rg/workforce-prep>.
- 926. Senior Division: Resume – one page resume using Microsoft Word. See the Kentucky 4-H Workforce Preparation and Career Readiness Curriculum <https://4-h.ca.uky.edu/rg/workforce-prep>

DIVISION 6041-B 4-H LEADERSHIP PROJECT

DIVISION 6041-C SECRETARY SCRAPBOOK

- 929 4-H Club Scrapbook – Using pictures and captions tell about your 4-H Clubs year focusing on leadership, communications and community service activities. (No limit on page numbers)



Division 6042- Kentucky 4-H Trends Kimberly Leger, Extension Specialist, 4-H Youth Development

See General Rules applying to all 4-H exhibitors and general rules applying to 4-H exhibits listed previously in this catalog.

1. A county is limited to one entry per class. A member may enter up to 3 classes within the 4-H Trends Division. (This means: a member's name could appear in the same level up to 3 times on the county's Clover Division invoice sheet.)
2. All items must have been made since the last State Fair.
3. Each exhibit must be properly labeled. Place ID tag (4LO-11SO) in the most visible place on the exhibit, preferably on the lower right-hand corner. Labels may be securely taped, attached with a rubber band through a hole in the corner or safety pinned (fabric items). To insure that all parts of the exhibit make it back to the county, "hide" a small label (with a minimum of the county name) on EVERY parts that might become separated from others; these should not be visible to the public when displayed.
4. All photography classes with one photograph must be mounted on 10"x 16" MAT BOARD-available via order entry (no poster board or foam core board accepted). Single photographs are limited to up to a maximum size of 8"x 12".
5. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.
6. All entries must follow the specifications and rules listed in their class in order to be named champion.
7. Junior division includes ages 9-13; Senior division includes ages 14-18.

Clover Photography

1. Exhibit is limited to a single photograph.
2. Subject of photograph must include 4-leaf clover. (Photographs of 3-leaf clovers will NOT be accepted.)
3. 4-leaf clover may be real or created.
4. Photograph may be color or black and white.
5. Follow all mounting rules described in the Cloverville Photography division.
6. Maximum photograph size 8" X 12".
7. The 4-H identification tag should be located in the bottom right hand corner.

- 1010 Junior Clover Photograph
1011 Senior Clover Photograph

Recording History

1. Judging criteria will be based on implementation of the 4-H theme. 4-H historical content, poster design, (lettering, attractiveness, how well it conveys the message.) As well as the effectiveness of the poster to promote 4-H.
2. Exhibit must be completed on a standard full size foam core board.
3. Posters may not include items or embellishments that make the poster 3-dimensional.



4. Any use of the 4-H Clover must adhere to the standards and guidelines of the registered 4-H clover.
5. Any color foam core board is acceptable.

1040 Junior Historical Poster
1041 Senior Historical Poster

Upcycling Project

Upcycling is taking something that you are throwing away and making it into something that maintains or improves the quality of the materials. Example: There are coin purses made from sweaters, earrings cut out of vinyl records and an old travel case made into a clock. The designs will be judged on quality, use, and creativity. Entries are limited to one entry per class per county.

1050 Junior Upcycling Project
1051 Senior Upcycling Project

4-H Cake Decorating

1. Entry consists of a decorated (Styrofoam) cake.
2. Styrofoam MUST be the base for the decorating. Real cakes will NOT be accepted.
3. Judging is based on decoration only not taste.
4. Exhibit is not limited to a color or design.
5. Refrigeration will NOT be provided.
6. Exhibit must be limited in size to no taller than 24" and no more than ½ sheet board.
7. Cakes may be returned, based on the condition at the end of the fair.
8. 4-H identification cards must be attached to bottom right hand corner of sheet board.

1060 Junior 4-H Cake Decorating (Cake must include the 4-H Clover either in design or decoration)
1061 Senior 4-H Cake Decorating (Cake must include the 4-H Clover either in design or decoration)
1062 Junior General Cake Decorating
1063 Senior General Cake Decorating

Cup Cakes

1. Entry consists of a decorated (Styrofoam) cake.
2. Styrofoam MUST be the base for the decorating. Real cakes will NOT be accepted.
3. Judging is based on decoration only not taste.
4. Exhibit is not limited to a color or design.
5. Refrigeration will NOT be provided.
6. Exhibit must be limited to two cupcakes.
7. Cakes may be returned based on condition at the end of the fair.
8. 4-H identification cards must be attached to bottom right hand corner of sheet board.

1070 Junior 4-H Cup Cake Decorating
1071 Senior 4-H Cup Cake Decorating
1072 Junior General 4-H Cup Cake Decorating
1073 Senior General Cup Cake Decorating

Non Traditional Needlework

The objective for this class is for youth to learn the basic stitches of knitting either non traditional needles, arms, or looms.

Loom knitting

- 1074 Junior loom knitting
- 1075 Senior loom knitting

Arm knitting

- 1076 Junior arm knitting
- 1077 Senior arm knitting

Revised 10/17