



Madison County 4-H Fair Exhibits 2022

Madison County Fairgrounds Exhibit Hall

4-H Exhibit Entry is Tuesday, July 26th from 3pm-6pm.

Exhibits will be on display starting Friday, July 29th thru August 5th.

Exhibits need to get picked up at the fairgrounds
on Saturday, August 6th between 9am-11am.

GENERAL RULES APPLYING TO ALL 4-H EXHIBITORS

1. Eligibility
 - a. Clover Bud classes are for 4-H youth ages 5-8 (see Clover Bud section under trends); a Clover Bud may enter up to 2 projects in each Clover Bud category
 - b. Junior classes are for 4-H youth ages 9-13 as of January 1, 2022
 - c. Senior classes are for 4-H youth ages 14-18 as of January 1, 2022
2. All projects, unless otherwise specified must have been made since the last County Fair.
3. Residence—the 4-H Club Division is open only to youth residing in Madison County
4. Exhibitors must follow the guidelines and requirements of the specific category
5. The number of entries per division or class are outlined in each section and vary for each division
6. All junior and senior exhibitors may enter up to TWO items per division in the “other” category. These items will not be eligible to go on to the State Fair (see “Other” section).
7. All items must be family friendly
8. Premiums will be awarded as available
9. Projects are cared for and protected to the best of our abilities, but occasionally items get damaged, lost or stolen. You are entering your exhibits at your own risk.

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DIVISION 6029 – 4-H ARTS & CRAFTS

- 1) Seniors must submit an artist statement label card. This card can be found on the state fair agent resource page. Information on writing an artist statement may be found here. <http://www.dl.ket.org/humanities/connections/class/more/statement.htm>
- 2) **Each Exhibitor may enter only two (2) classes per sections A, B and C per year. This a maximum of 6 per year.**
- 3) All items must have been made since the last County Fair.
- 4) **Exhibits will be disqualified if:**
 - a. Pictures or other hanging items do not have an attached hanger (wire hangers must be secure and attached to the frame for paintings and drawings only). No wire hooks taped to back. All hangers must support the weight of item. Pictures should be ready for hanging. May include frame or securely attached hanger (canvas).
 - b. Pictures are not mounted on firm mat, not foam core and/or framed with attached hanger. No poster board allowed.
 - c. Seniors do not have an artist statement.
 - d. If subject matter is not “family friendly” in context.
- 5) 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.

SECTION A: Portfolio Pathways

Painting

- 727a Junior Acrylic: (pg.12) Using acrylic paint to create a painting.
- 727b Senior Acrylic: (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 a medium of your choice. 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 Pastel: Using Oil pastels on canvas or canvas board, create a finished work of art.
- 734b Senior Oil Pastel: 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: (pg.38) 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: (pg.40) 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: (pg.42) 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: (pg. 44) 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. Entry must include print and stamp.
- 739b Senior Tire Stamp Print: (pg.46) same as Junior.
- 740a Junior Linoleum Print: (pg.48) Create linoleum print using linoleum block on paper.
- 740b Senior Linoleum Print: (pg.48) 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: (pg.51) same as Junior.

Graphic Design

- 743a Junior 5 Color Design: (pg.62-63) Create (2) two 8"x 10" in. pieces. 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: (pg.62-63) 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: (pg.70) same as Junior.

Section B: Sketchbook Crossroads

Drawing

- 745a Junior Contour Drawing: (pg.12) Draw objects using the contour drawing method.
- 745b Senior Contour Drawing: (pg.12) 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: (pg.16) same as Junior.
- 747a Junior Circular Shape Object: (pg.18) Draw a subject to fit a circular shape.
- 747b Senior Circular Shape Object: (pg.18) same as Junior.

- 748a Junior Color or Black Pencil: (pg.20) Draw with colored pencils or black pencils.
- 748b Senior Color or Black Pencil: (pg.20) same as Junior.
- 749a Junior Pen and Ink: (pg.22) Sketch animals or other objects using pen and ink.
- 749b Senior Pen and Ink: (pg.22) 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: (pg.24) 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: (pg.27) same as Junior.

Fiber Arts

- 752a Junior Felted Wool Applique Mat: (pg.31) 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: (pg.31) 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: (pg.34) 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: (pg.37) 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: (pg.40) 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: (pg.44) same as Junior.

Sculpting

757a Junior Clay: (pg.55) Create an item from clay either self-hardening or firing required.

757b Senior Clay: (pg.55) same as Junior.

758a Junior Clay Bust: (pg.57) Sculpt a head with facial features out of clay.

758b Senior Clay Bust: (pg.57) 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: (pg.65) same as Junior.

761a Junior Wire Sculpture: (pg.67) Using wire and other materials (nylon cloth, beads, etc.) to create a freestanding sculpture.

761b Senior Wire Sculpture: (pg.67) same as Junior.

762a Junior Plaster of Paris Carving: (pg.69) Using a plaster of paris block, carve a form.

762b Senior Plaster of Paris Carving: (pg.69) same as Junior.

Section C: Art Trends and Heritage Arts

This section will be highlighting the latest trends in art while honoring our heritage. Art trends will be selected every two years. Heritage crafts will have specific areas as well as an “Other” category where youth may choose what they exhibit. Documentation for the Heritage Art 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, paint and paper. Canvas size is open to artist.

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

Heritage Arts

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

764b Senior Heritage Arts Other

764c Junior Basket Making – Natural materials, any size, shape or design. Non-natural materials may be woven into design.

764d Senior Basket Making – same as Junior.

764e Junior Jewelry – One piece of jewelry created by youth (Jewelry quality only). No kits or pony beads allowed. Glass, clay, resin or wooden beads (painted or carved) permitted only.

764f Senior Jewelry – One set (at least two items) of jewelry created by youth (Jewelry quality only). No kits or pony beads allowed. No elastic material used to string beads. Glass, clay, resin or wooden beads (painted or carved) permitted only. Examples: earring(s) and necklace or bracelet and necklace, etc.

764g Junior Leather Craft – Item made from leather. May or may not be tooled. Kits allowed.

764h Senior Leather Craft – same as above. No kits allowed.

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 6011.4 - EDUCATIONAL 4-H DOG PROJECT POSTERS

1. Educational posters **MUST** relate to dogs and be completed since the last County Fair.

All members who have participated in a county dog club/group and who have completed 6 hours of education between September 1 and the date of the Dog Poster State Registration Deadline are eligible to compete.

2. Posters should encourage the participant's imagination in developing a slogan/theme that promotes a breed or project or educates the viewer about a dog project related activity. Examples of topics include but are not limited to: showing/grooming/caring for your dog, dog health, nutrition, and breed characteristics. Posters should be simple and focus on one message to tell the story of your dog poster theme. **Resource information should be attached to the back of the poster** (resource may be in envelope with youth name and county, class listed on envelope). Reliable resource information should be used (please not the Wikipedia may not be a reliable source).
3. Participants may use a variety of media, however no 3-dimensional posters will be allowed and no text cut directly from a magazine will be allowed (such as a cut-out of a magazine article used for the poster).
4. Posters must be no smaller than 20" x 30" and no larger than 24"x 30." Poster format should be portrait (vertical) not landscape. Posters must be made using one of the following, matt board, or foam core board. **No poster board is allowed.** Posters submitted on poster board will be disqualified at entry.
5. Copyrighted characters such as Snoopy, Charlie Brown, or other cartoon characters cannot be used.
6. The back of the poster **MUST** include a listing of the resources of the information on the poster or the poster will be marked down in judging. Poster content should allow for display of the electronic label in the bottom right corner of poster, approximate size of a 3x5 card. ON the back of the poster: Write youth name, county, class.
7. Posters will be judged on how well they present information and on their general appearance.

Classes

543	Junior (age 9-13)
544	Senior (age 14-19)

DIVISION 6021 - 4-H ELECTRIC

1. 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.**
2. Exhibitor is limited to one entry in the 4-H electric division.
3. All exhibits requiring bulbs must have the correct size.
4. Use of molded plug-ins is **not prohibited but** discouraged.
5. Any electric project observed or judged to be unsafe or potentially harmful to the public or surrounds will be disqualified immediately and disabled for further use.
6. Effective strain relief should be provided for all wire to terminal connections. Knots, clamps, connectors, or staples are acceptable when used appropriately.

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 its 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).
- 650 Original design soldered circuit project (Circuit must contain an on/off switch, a motion or tilt activated switch, a light and sound producing device and must be powered by 9 volts. All connections in the circuit must 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)
- 652 Simple household or farm use circuit (Circuit must contain one single pole switch controlling one electrical load device. Circuit should be mounted on a sturdy mounting surface and free standing. Wiring should be done with Romex NM-B 12 gauge wire and clamped or stapled appropriately. A circuit diagram with explanation must be included)
- 653 Complex household or farm use circuit (Circuit must contain at least two three-way switches, and may also contain a four-way switch, controlling one electrical load device. The circuit must also contain a working duplex electrical outlet. Circuit should be mounted on a sturdy mounting surface and free standing. Wiring should be done with Romex NM-B 12 gauge wire and clamped or stapled appropriately. A circuit diagram with explanation must be included)
- 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

- 658a Wind powered energy project (original design).
- 658b Solar powered energy project (original design).
- 658c Water powered energy project (original design).

DIVISION 6028 – 4-H GEOLOGY

1. Only one entry per 4-H member permitted in Geology.
2. Display boxes must be no less than 16" no more than 20" vertically and no less than 22" no more than 24" horizontally.
3. All boxes must have Plexiglas cover that can be easily removed for judging.
4. EACH exhibit must be secured with a lock. Attach a key to box with your name and county firmly attached to key. Key will be returned to 4-H agent. Keep another key in case State Fair key is misplaced.
5. Hinges and Locks: Make flush or mount on sides or top of boxes so boxes will sit level.
6. Fabric: If fabric is used, use a fabric glue to adhere entire piece of fabric to box. Suggested fabrics are felt or velveteen.
7. Rocks, Minerals, and Fossils: Should be firmly attached to the box, and should be numbered to correspond with the number on the Geology Identification Labels.
8. Boxes will be displayed on their side, not flat. Therefore, larger specimens must be attached near the lower portion of the box.
9. Rock, Mineral, and Fossil Identification Labels are available from the KY Geological Survey website <http://www.uky.edu/KGS/education/4H.htm> These are the only labels acceptable.
10. Exhibits will be disqualified for class champion if:
 - a. Box does not fit in the size stated in rule 5
 - b. Box contains too few or too many specimens
 - c. Box does not have a Plexiglas cover that can be opened
 - d. Labels not correctly filled out
 - e. Specimen is mounted jewelry
 - f. Specimen is mounted and polished
 - g. Specimen and label are not numbered
 - h. Specimens are not arranged in numerical order
 - i. Duplicate specimens are used to reach minimum number. However, varieties of the same rock or mineral are acceptable if the specimen is identified by a different name (i.e., quartz, smoky quartz, amethyst, agate, chert, flint or calcite, Iceland spar, aragonite, travertine). Also acceptable if the duplicate specimen has a adjective in front of the specimen (i.e., calcite, red calcite, or limestone, fossiliferous limestone, oolitic limestone). If each entry in that class has

duplicate named specimens, then each entry may qualify for class champion, but will not be eligible for grand champion.

11. The following score card will be used to judge geology exhibits:
 - a. Correct identification and labeling - 5 points for each specimen (Collections will be judged more favorably that have different types of specimens, rather than many different varieties of the same rock, mineral, or fossil; i.e. gray limestone, light gray limestone, dark gray limestone, or red calcite, blue calcite, green calcite).
 - b. Cards/specimen: 1 point each that each specimen has the label completely filled out, along with specimen number,
 - c. Found on site: Since this is an exercise in becoming familiar with rocks, minerals, and fossils, and extra 1 point will be given for specimens that are found rather than purchased or given as gifts. (Be sure to ask permission if you have to enter private property. The Internet is a good place to search for rock clubs and geological surveys of your and other sates for information on collecting localities.
 - b. Neatness, arrangements, background - 20 points for total exhibit
12. Class champion will be selected in each class with a Grand Champion and Reserve Grand Champion selected from Class Champions.

Classes Are:

For each of the classes, specimens may consist of rocks, minerals, and or fossils. There is a separate label for rocks, minerals, and or fossils (three different labels). Label and label instructions are available at the Kentucky Geological Survey website at <http://www.uky.edu/KGS/education/4H.htm>

- 715 First year geology - consisting of 15 different specimens.
- 716 Second year Geology - consisting of 25 different specimens (up to 12 may be from previous project year; no more than 2 boxes)
- 717 Third Year Geology - consisting of 35 different specimens (up to 17 may be from previous project year; no more than 2 boxes)
- 718 Fourth Year Geology - consisting of 50 different specimens (up to 25 may be from previous project year; no more than 2 boxes)
- 719 Special collection for fifth year or more members - creative, advanced display of member's choosing which depicts a geological process, theme, story, or manufacturing process. Posters, notebooks and written narratives may be included.

DIVISION 6035 - 4-H FOOD EXHIBITS

1. Number of Entries Permitted:

Member may enter up to three (3) classes in the Food Division.

2. 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 **4-H Fair Recipe Book--Food** 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.*

All recipes are located in the **4-H Fair Recipe Book--Food** 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.

844 Three **Scones**: raisins may be substituted for dried cranberries. Use the recipe in the **4-H Fair Recipe Book--Food** at <http://4-h.ca.uky.edu/content/food-and-nutrition>.

Quick Breads

845 Three **Cornmeal Muffins**: Use the recipe in the **4-H Fair Recipe Book--Food** 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

847 Three **Chewy Granola Bars** (gluten-free): Use recipe in **4-H Cooking 101**, p. 35.

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

Cakes

- 850 Half of one 8" or 9" layer **Rich Chocolate Cake** (no icing): Use recipe in *4-H Cooking 301*, p. 116.
- 851 Half of one 8" or 9" layer **Carrot or Zucchini Cake** (no icing): Use recipe in *4-H Cooking 301*, p. 119. May use carrots or zucchini.
- 852 One-fourth of a **Basic Chiffon Cake**: Use recipe in *4-H Cooking 401*, p. 118. Do not use variations.

Pies

- 853 One whole **Double Crust Apple Pie**: Use recipes in *4-H Cooking 401*, p. 105 and 97 or in the *4-H Fair Recipe Book--Food* at <http://4-h.ca.uky.edu/content/food-and-nutrition>. Leave pie in the disposable pie pan and place all in a zip-type plastic bag. May use spice variation if desired.

Yeast Breads

- 854 Three **Cinnamon Twists** (no icing): Use recipe in *4-H Cooking 301*, p. 42 & 44.
- 855 Three **Soft Pretzels**: Use recipe in *4-H Cooking 301*, p. 48. Use any one topping listed.
- 856 One loaf **Oatmeal Bread**: Use recipe in *4-H Cooking 401*, p. 25.

Bread Made in a Bread Machine

- 857 One loaf **Honey Whole Wheat Bread** made in a bread machine: Use the recipe in the *4-H Fair Recipe Book--Food* at <http://4-h.ca.uky.edu/content/food-and-nutrition>. May be a 1-pound, 1½-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.

Adapted Food

- 859 Adapted Recipe and supporting documents: Using a recipe from another 4-H Food Exhibits Class youth adapt the recipe to meet a dietary restriction. Entry will consist of: the food item, the original recipe, and an explanation of the adaptation that includes 1) what the adaptation is, 2) How this meets a dietary need, 3) the new recipe.

DIVISION 6036 - 4-H FOOD PRESERVATION EXHIBITS

1. Number of Entries Permitted:

A member may enter one class in the Food Preservation division.

2. Unique Rules or Instructions:

- a. Recipes: Entries are to be made using recipes found in the **4-H Fair Recipe Book—Food Preservation** at <http://4-h.ca.uky.edu/content/food-and-nutrition> or contact your county Extension agent for 4-H YD.
- b. Canned entries must be prepared from raw produce.
- c. Re-canning of commercially processed foods is not permitted.
- d. Helpful Information for the following classes can be found on the National Center for Home Food Preservation website.
- e. Jars not processed by the correct method will not be judged. Open kettle processing is not acceptable for any product.
- f. Jars must be clear, clean STANDARD jars specifically designed for home canning. If mayonnaise or similar non-standard jars are used, the product will not be judged.
- g. Two-piece screw bands and lids specifically designed for home canning should be left on containers.
- h. If judges open the jar for judging purposes do NOT eat contents of containers upon return.

3. Additional Documentation Required:

- a. See labeling instructions below and in class description.

4. Labeling:






- a. All entries: Will have 2 labels. Attach both securely to the outside of the container.
 - i. Identification card (4LO-11SO): The State Fair Entry system will generate this label.
 - ii. Preserved food label: Use the 4-H labels located at the end of this section. Fill out the label completely.

861 Dried Apples: Dry apples according to the instructions in the **4-H Fair Recipe Book—Food Preservation** at <http://4-h.ca.uky.edu/content/food-and-nutrition>. Place 12 pieces of dried fruit in a container which is an example of a container suitable for long term storage of dried fruit. Label package with kind of fruit and date processed. Size of the container is not being judged. Publication HE 3-501 may be helpful: <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3501/FCS3501.pdf>

862 Salsa: (pint jar or smaller) canned using a boiling water canner. Use the recipe in the **4-H Fair Recipe Book—Food Preservation** at <http://4-h.ca.uky.edu/content/food-and-nutrition>. The USDA recommended headspace for salsa is 1/2 inch. Canning label must

- be completed by member and affixed to the jar. Publications Home Canning Salsa (FCS3-581) at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3581/FCS3581.pdf>, Home Canning Tomatoes and Tomato Products (FCS3-580) at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3580/FCS3580.pdf> and USDA Complete Guide to Home Canning: http://nchfp.uga.edu/publications/publications_usda.html may be helpful.
- 863 Dill Pickles: (pint jar or smaller), canned using a boiling water canner: Use the recipe in the **4-H Fair Recipe Book—Food Preservation** at <http://4-h.ca.uky.edu/content/food-and-nutrition>. The USDA recommended headspace for pickles: 1/2 inch. Canning label must be completed by member and affixed to the jar. Publications Home Canning Pickled and Fermented Foods (FCS3-582) at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3582/FCS3582.pdf> and USDA Complete Guide to Home Canning: http://nchfp.uga.edu/publications/publications_usda.html may be helpful
- 864 Strawberry Jam: (half pint or smaller jar), canned using a boiling water canner. Use the recipe in the **4-H Fair Recipe Book—Food Preservation** at <http://4-h.ca.uky.edu/content/food-and-nutrition>. The USDA recommended headspace for jam is 1/4 inch. Canning label must be completed by member and affixed to the jar. Write the type of fruit used on the canning label. Publications FCS3-579 at <http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3579/FCS3579.pdf> and USDA Complete Guide to Home Canning: http://nchfp.uga.edu/publications/publications_usda.html may be helpful. Refrigerator and freezer jams are not appropriate for this class.
- 865 Green Beans: (One pint), canned using a pressure canner. Use the recipe in the **4-H Fair Recipe Book—Food Preservation** at <http://4-h.ca.uky.edu/content/food-and-nutrition>. Beans may be 'raw packed' or 'hot packed' but the packing method used must be indicated on the label. The USDA recommended headspace for green beans is 1 inch. Canning label must be completed by member and affixed to the jar. Publication FCS3-583 Home Canning Vegetables (<http://www2.ca.uky.edu/agc/pubs/FCS3/FCS3583/FCS3583.pdf> and USDA Complete Guide to Home Canning: http://nchfp.uga.edu/publications/publications_usda.html may be helpful.

Preserved Food Labels

<p>Product: Dried Apples </p> <p>Date Packaged: _____</p>		
<p>Product: Salsa </p> <p>Date canned: _____</p> <p>Which type of processing did you use? <input type="checkbox"/> Boiling Water Canner <input type="checkbox"/> Pressure Canner</p>	<p>Product: Dill Pickles </p> <p>Date canned: _____</p> <p>Which type of processing did you use? <input type="checkbox"/> Boiling Water Canner <input type="checkbox"/> Pressure Canner</p>	<p>Product: Strawberry Jam </p> <p>Date canned: _____</p> <p>Which type of processing did you use? <input type="checkbox"/> Boiling Water Canner <input type="checkbox"/> Pressure Canner</p>
<p>Product: Green Beans </p> <p>Date canned: _____</p> <p>When you packed the beans into the jar, did you use a raw pack or hot pack? <input type="checkbox"/> Raw Pack <input type="checkbox"/> Hot Pack</p> <p>Which type of processing did you use? <input type="checkbox"/> Boiling Water Canner <input type="checkbox"/> Pressure Canner</p>		

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DIVISION 6039 - 4-H HOME ENVIRONMENT

1. **Number of Entries Permitted:** 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.
2. **General Rules:**
 - a. **Item must meet all requirements for the class;** otherwise, the entry will be disqualified.
 - b. Items entered must have been completed by the exhibitor within the current program year.
3. **Unique Rules or Instructions:**
 - a. Only those entries that are properly labeled and documented will be considered for class champion.
 - b. Items normally hung on a 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.
 - c. "Refinished" item refers to an item already in use which has been given a new finish using paint or some type of seal.
4. **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.

Unit I EXHIBITS from Exploring Your Home project book

- 887 **Color Collage** (pp. 10, 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.
- 888 **Texture Collage** (pp. 10, see activities 1 & 2): A collection of textured items or rubbings of textured items artistically arranged and adhered to mat board or foam core board.
- 889 **Transparent finish applied to small wood object** (pp. 16): 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, 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. 14) decorated by member

892 **Crate Bookshelf** (p. 14) designed and created by member

893 **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

894 **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.

895 **Simple wood item refinished** by the 4-H member: 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.

896 **Cloth item for the home created using a sewing machine:** 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.

897 **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. 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 **Accessory for the home created by the 4-H member:** 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 sketch or photo to show how the accessory is used in the home and a description of how the design and colors fit in with the other furnishings and color used in the home. Examples: stitchery or appliqué wall hanging, latch hook items, pillow with applied design (stitchery, appliqué or other media), rug, picture in appropriate frame and ready to hang.
- 899 **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. 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 **Piece of furniture refinished** (stripped, sanded, and painted or stained/sealed) by the 4-H member: This exhibit is to be made up of two parts: 1) the furniture and 2) documentation is to include a “before” photo with explanation of how the item was refinished must be securely attached. Examples: rocker, table, chair or chest.
- 901 **Old or discarded item made useful in a new way as a home accessory:** 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

- 902 **An accessory for the home, made with member’s original or adapted design:** 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 an explanation of how the item was created/adapted and a description of how and where item is used in the home. Examples: latch hooked rug or wall hanging; pillow with stitchery design; wall hanging of natural dyed yarns, or drawing with mat and finished or refinished frame.

- 903 **Heritage item refinished, restored, or made by the 4-H member:** This exhibit is to be made up of two parts: 1) the item and 2) a sheet or folder of documentation. Documentation is to include information on the history or meaning of the item to the member, how the item was refinished, restored, or made by the member, and how it is used in the home. Examples include antique or collectible furniture, memory box, scrapbook that reflects family history/home/house/farm/land of several generations), quilt with heritage design, wall hanging showing family tree.
- 904 **Purchased article selected by 4-H member to solve a home decorating problem:** This exhibit is to be made up of two parts: 1) the purchased article and 2) a folder of documentation. Documentation is to include a description of the problem to be solved, alternatives considered in the solution of the problem, how the plan was carried out, resources used (time, money) and member's evaluation of the results (satisfaction with purchased article, how article is used in the home), and photos illustrating the before and after effect. Examples include wall decoration, lamp, vase, storage item, desk accessories, bedspread, rug, table linens, pillow, and draperies.
- 905 **A cloth article made by the 4-H'er showing a major home improvement:** This exhibit is to be made up of two parts: 1) the cloth article and 2) a folder of documentation. Documentation is to include a written description, "before" and "after" pictures/showing how cloth article is used in home, other colors used in room, time and costs involved, and care required. Examples: bedspread, quilt, window treatment and boxed bench pad. **Unacceptable: purses, tote bags, backpacks, duffle bags.**

Unit Advanced: Self-Directed Project--the intent of the following classes is to give members an opportunity to put everything they have learned in Units I-IV of the home environment projects into practice.

- 906 **Furniture Experience:** Furniture which has been refinished, reupholstered, recovered, recycled, reused or remodeled - Exhibit is to be made up of two pieces: 1) the piece of furniture and 2) a folder describing the original condition of the furniture (include a picture if possible), work required in completing project, time and cost involved, and how item is used in the home. **DO NOT INCLUDE NEWLY CONSTRUCTED FURNITURE.**
- 907 **Design Experience:** Create a plan for or actually complete a design experience. The exhibit is to be made up of two pieces: 1) a home furnishing item which is representative of the design experience (item may be made by the member or purchased) and 2) a folder or notebook describing the plan. Examples of project ideas: a plan for redecorating a room; creation of an accessory item using an original design of 4-H member; notebook with pictures and descriptions of architectural styles used in Kentucky homes.
- 908 **Heritage Experience:** Complete a heritage project. The exhibit is to be made up of two pieces: 1) an item representative of the heritage experience and 2) a folder or notebook

describing the overall experience, the significance of the project to your family. Examples of project ideas: Restoration of a family heirloom (could include caning, reseating, etc.) including who it belonged to and the significance to the family; study of furniture styles including pictures and history; study of old buildings in the community including photos and descriptions of the architectural significance, period of history, uses of the buildings; create an item after learning a heritage or craft skill...especially from an older family member or friend and describe how skill was learned, how interest was stimulated and how you will use item and skill.

- 909 **Major Home Improvement Experience:** Complete a major home improvement project. The exhibit is to be made up of a notebook which describes the project, tell whether project was an individual project or a group or family project, describe the do-it-yourself skills learned time and cost involved. Include before, during, and after photographs, if possible. Examples: improve storage areas in the house or garage; paint the house; wallpaper and decorate a room; remodel the basement.

CHANGING SPACES:

- 910A **Color Wheel Collage:** This exhibit will incorporated the color wheel in some way. 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.
- 910B **Design Style Board:** There are many styles of design that youth can be drawn to, some examples include but are not limited to: American Traditional, Shabby Chic, Industrial, Southwestern, and Arts and Crafts. Youth will identify one of the styles they are particularly drawn to and create a style board that represents that style. This can include fabrics, magazines and online photos, furniture, lighting, and room photos. As well as other representative artifacts that represent the style. Minimum size 8 ½ x 11 inches. Maximum size 11 x 17 inches on mat or foam board. Make sure the name of the style youth are trying to portray is visible on the display.
- 910C **Bubble Diagram for home:** Bubble diagrams are sketches that help identify and prioritize areas in and around the home that should be included in the plan and how traffic and light flows from one space into other. These diagrams are used at the preliminary phase of the design process. This exhibit will include two parts: 1) a mounted color bubble diagram for a home and surrounding space. Each bubble should be labeled according to the spaces intended use. Include arrows or lines to signify the flow of traffic between spaces. 2) a folder of the following documentation. 1. What are the central bubbles in your diagram and why? 2. What style of home best aligns with your bubble diagram, and 3. A legend with color coding, explanation of arrows or lines and other items that show up on your bubble diagram.

- 910D **Bubble diagram for Commercial:** Bubble diagrams are sketches that help identify and prioritize areas in and around the space that should be included in the plan and how traffic and light flows from one space into other. These diagrams are used at the preliminary phase of the design process. The needs of commercial spaces are very different the residential. This exhibit will include two parts: 1) a mounted color bubble diagram for a commercial space and surrounding area selected by the youth. Each bubble should be labeled according to the spaces intended use. Include arrows or lines to signify the flow of traffic between spaces. 2) a folder of the following documentation. 1. What type of commercial space did you choose? 2. What are the central bubbles in your diagram and why? 3. A legend with color coding, explanation of arrows or lines and other items that show up on your bubble diagram.
- 910E **Storage analysis:** An important part of any home that is often overlooked is storage. Storage should account for 10-15% of the total area of the home. For this exhibit you will create or select a floorplan and highlight the storage spaces. You will then calculate what percentage of sq. feet in the home is dedicated to storage. Your exhibit should include the mounted floorplan with highlighted storage areas, the total Sq. Feet of the home, the Sq. Feet of the storage areas, and the percentage of Sq. Feet that is dedicated to storage.
- 911A **Bedroom Room Floor Plan:** This exhibit is to be made up of two parts: 1) a mounted room plan and 2) folder of the documentation described below. Use (scale: 1 square = 1 foot). Include a door(s), window(s), and furniture. Minimum size 8 ½ x 11 inches. Maximum size 11 x 17 inches on matt or foam board. should include answers to these questions: 1.What are its dimensions? 2. How many square feet are in the room? 3. Tell about how you worked with the items in your room such as walls, windows, doors and furniture.
- 911B **House Floor Plan:** This exhibit is to be made up of two parts: 1) mounted house plan and 2) folder of the documentation described below. Include bedroom(s), bath(s), living space, kitchen, door(s) and window(s). Including a garage is optional. Minimum size 8 ½ x 11 inches. Maximum size 11 x 17 inches on mat or foam board. Documentation should include answers to these questions: 1. Did you look at other floor plans for inspiration? 2. What type of roof does your house have? 3. Did you consider how a family member who is disabled (for instance, a wheelchair user) might get around in your home?
- 911C **Commercial Floor Plan:** This exhibit is to be made up of two parts: 1) mounted floor plan for a commercial space of the young person choice and 2) folder of the documentation described below. Include all of the spaces that would be needed in the industry chosen for this project. Minimum size 8 ½ x 11 inches. Maximum size 11 x 17 inches on mat or foam board. Documentation should include answers to these questions: 1. Did you look at other floor plans for inspiration? 2. Did you consider how folks who are disabled (for instance, a wheelchair user) might get around this space?

- 912A **Presentation Board- Color Scheme for One Room:** This exhibit is to be made up of two parts: 1) a presentation board as described below and 2) a folder of the documentation described below. Create a presentation board which illustrates a color scheme for any room in the home. On mat board or foam board, mount color pictures or actual swatches of fabric, wall covering, paint, and flooring, (Color pictures may be downloaded and printed or cut from magazines to represent these items. The mounting board should be 15" or 16" X 20" inches. In the folder, describe the person who lives in the room and the decisions required in selecting the color scheme.
- 912B **Presentation Board- Floor plan & Color Scheme for Bedroom:** This exhibit is to be made up of two parts: 1) a presentation board as described below and 2) a folder of the documentation described below. Create a presentation board which includes a floor plan (with placement of furniture) and color scheme for a bedroom. (scale: 1 square = 1 foot). Include a door(s), window(s), and furniture. On mat or foam board, mount the floor plan and color pictures or actual swatches of fabric, wall covering, paint, and flooring. (Color pictures may be downloaded and printed or cut from magazines to represent these items.) The mounting board should be 15" or 16" X 20." In the folder, describe the decisions required in selecting the color scheme, flooring, wall, and window treatments; describe the furniture and how the furniture was arranged to accommodate traffic flow; describe the floor, wall, and window treatments selected, etc.; and describe what you like most about the room.
- 912C **Presentation Board- Floor Plan & Color Scheme for Great Room or Family Room:** This exhibit is to be made up of two parts: 1) a presentation board as described below and 2) a folder of the documentation described below. Create a presentation board which includes a room floor plan (with placement of furniture) and color scheme for a great room/family room. (scale: 1 square = 1 foot). Include a door(s), window(s), and furniture. On mat or foam board, mount the floor plan and color pictures or actual swatches of fabric, wall covering, paint, and flooring. (Color pictures may be downloaded and printed or cut from magazines to represent these items.) The mounting board should be 15" or 16" X 20." In the folder, 1. A description of the decisions required in selecting the color scheme, flooring, wall, and window treatments; describe the furniture and how the furniture was arranged to accommodate traffic flow; describe the floor, wall, and window treatments selected, etc.; and describe what you like most about the room.
- 913 **Universal Design:** Universal design is a design practice that creates spaces that usable by all people, to the greatest extent possible. This exhibit is to be made up of two parts: 1) a presentation board as described below and 2) a folder of the documentation described below. Create a presentation board that has two floorplans on it. One floorplan should be in its original form and the other should be changed to meet universal design practices. Highlight the areas that you have changed in the second floorplan. Include a door(s), window(s), and furniture. On mat or foam board, mount the floor plan. The mounting board should be 15" or 16" X 20." In the folder list the changes that you have made to the floorplan to make it accessible to all.

DIVISION 6033 - 4-H Needlework Department

1. **Number of Entries Permitted:** 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.)
2. **General Rules:**
 - a. Item must meet all requirements for the class; otherwise, the entry will be disqualified.
 - b. Items entered must have been completed by the exhibitor within the current program year.
3. **Unique Rules or Instructions:**
 - a. Items must be "handmade" by the 4-H member. Items knit with a knitting machine or loom are not permitted.
 - b. Item(s) must be clean to be accepted for judging. Previous wearing/using is acceptable (and strongly encouraged!), but item must be clean.
4. **Additional Documentation Required:**
 - a. 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.

CROCHET Category

- 813 **Small Crochet Item(s) made of medium (4) weight yarn:** Must include rows of single, half double and/or double crochet stitches. Such as a scarf, purse, belt, hat, pillow, two wash clothes (made from cotton yarn), or pair of slippers. Scarf must be at least 24" long.
- 814 **Large Crochet Item (s) made or medium (4) weight yarn:** Must include rows of single, half double and/or double crochet stitches. Such as: afghan, shawl, or vest.
- 815 **Crochet Item made entirely with novelty yarn:** Do not use standard medium (4) weight yarn. Must include rows or single, half double, and/or double crochet stitches: Such as: scarf, purse, belt, hat, pillow, pair or slippers, afghan, shawl, or vest. Scarf must be at least 24" long. Novelty yarn is any yarn other than medium (4) worsted weight yarn.
- 816 **Crocheted Item made using the of Granny Squares technique:** May use any weight yarn, single or multiple colors of yarn. Such as: purse, shawl, afghan, or hat.

- 817 **Crocheted Item(s) made using intermediate skills/pattern crochet stitches:** Such as: hat, belt, scarf, pair of mittens, pillow, sweater, vest, shawl or baby blanket, doily (made from bedspread (0) weight thread) or set of 5 different ornaments (made from bedspread (0) 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.
- 818 **Crocheted Item using intermediate skills for shaping and fitting multiple pieces together:** Items must include increase and decrease. Such as stuffed toys or pair of slippers.
- 819 **Item or pair of items using advanced crochet skills:** include one or more of the following advanced skills: Beadwork, filet crochet creating plaids, geometric designs or checks; making novelty crochet articles.
- 820 **Item or pair of items using advanced crochet skills to creating your own design.** Original designs must include a copy of directions, notes and diagrams used to create the items(s). Suggested items include: multi-colored hat, purse, collar (made with bedspread-weight cotton thread), sweater, jacket, afghan or coat.

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:

- 821 **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 3 x 3 inches or larger.
- 822 **Stamped Cross Stitch:** Cross stitched design stamped (printed/drawn) on plain woven fabric and have an embroidered area equivalent to 3 x 3 inches or 2” x 16” border or larger.

Multiple Types of Embroidery Stitches

- 823 **Candlewicking:** Candlewicking design stamped on plain woven fabric. Must include stem/outline, satin and colonial knot stitches and have an embroidered area equivalent to 3 x 3 inches or larger.
- 824 **Stamped Embroidery:** Embroidery design printed/drawn on plain woven fabric or felt. Must include three or more of the following different stitches (stem/outline, lazy daisy, running, straight, French knot, satin, blanket, chain, or back stitch). May use more than one color of floss. Must have an embroidered area equivalent to 3 x 3 inches or larger.
- 825 **Free Embroidery:** Embroidery design used to embellish a base fabric without the design being drawn on the fabric. Must include three or more of the following different stitches (stem/outline, lazy daisy, running, straight, French knot, satin, blanket, chain, or back stitch). May use more than one color of floss. Must have an embroidered area equivalent to 3 x 3 inches or larger. Embroidery may embellish design lines on the item.

Charted Embroidery Using Large Cross or Snowflake Stitches

- 826 **Cross Stitch on Gingham:** Cross stitch on ¼-inch gingham and have an embroidered area equivalent to 5 x 7 inches or larger.
- 827 **Counted Cross Stitch on 11 Count Aida Cloth:** Must have an embroidered area equivalent to 5 x 7 inches or larger.
- 828 **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.

Crewel embroidery:

- 829 Crewel embroidery design on linen or cotton twill fabric using crewel or Persian yarn. Must have an embroidered area equivalent to 5 x 7 inches or larger.

Charted Embroidery Using Specialty Cloth:

- 830 **Counted cross stitch on 14 count Aida cloth:** Must have an embroidered area equivalent to 5 x 7 inches or larger.
- 831 **Counted Cross Stitch using Waste Canvas:** Must have an embroidered area equivalent to 5 x 7 inches of larger.
- 832 **Huck embroidery:** Huck embroidery on huck towel/toweling creating a minimum 2 inch wide border design.

833 **Swedish weaving:** Swedish weaving on monk's cloth creating a minimum of 6 inch wide border design.

Embroidery Using Advanced Skills:

834 **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.

835 **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.

836 **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.

837 **Small/simple knitted item(s):** Items such as a hat, small pillow, purse, scarf, belt, or two wash cloths (no larger than 10" x 10" each); Use medium (4) worsted weight yarn. Solid color yarn only (no variegated yarn or color change 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.

838 **Knitted Item created using self-stripping or variegated yarn(s):** Use some yarn other than single color medium (4) worsted weight yarn. Such as a purse, scarf, hat, leg warmers, fingerless mittens, etc.

839 **Larger/simple knitted item(s):** Items such as a pair of mittens; pair of slippers, shawl, cowl, or lap/baby blanket. May use yarn other than worsted weight yarn. Multiple colors and at least one pattern stitch may be used in addition to garter stitch, stockinette stitch, and/or ribbing stitch.

840 **Knitted project focused on Shape-Garment or Fashion Accessory:** Exhibit one item or a pair of items using pick up stitches and/or knitting in the round. Item must include increase and/or decrease. May use yarns other than medium (4) worsted weight yarn. May include simple color changes (stripes or duplicate stitch). Ideas such as: gloves, hat, mittens, fingerless mittens, socks, skirt, sweater, or vest.

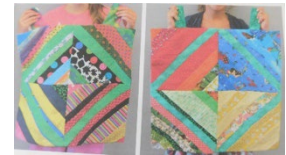
841 **Knitted Project focused on Shape-Stuffed Toy:** Exhibit one item using pick up stitches, and/or knitting in the round. Items must include increase and/or decrease. May use yarns other than medium (4) worsted weight yarn. May include simple color changes (stripes or duplicate stitch).

- 843 **Knitted project focused on Color Design:** Exhibit one item or a pair of items using charted designs or your own design. Chartist designs may include color changes such as Fair Isle Intarsia, and/or Mosaic knitting. All entries must include a copy of directions, notes, and any diagrams used to create the item. Ideas such as: throw pillow, afghan (minimum size 45-x 60-inches), shawl, holiday stocking, purse, pair of socks, sweater, etc.
- 844 **Knitted project focused on Textural Design:** Exhibit one item or pair of items using charted designs or your own design. Chartist designs must include multiple pattern stitches such as Aran Isle knitting or lace knitting. Knitting with beads is also acceptable. All entries must include a copy of directions, notes, and any diagrams used to create the item. Ideas such as: throw pillow, afghan (minimum size 45-x 60-inches), shawl, holiday stocking, purse, pair of socks, sweater.

QUILTING Category

All projects are to follow these guidelines/requirements:

1. *Quilt must contain 3 layers: top (hand or machine stitched,) batting, backing.*
2. *If edge finish is not described in the class description the following are accepted options:*
 - *Stitched and turned- Backing is placed right sides together with top, stitched and turned. Opening is sewn closed. No binding needed.*
 - *Self-binding-Backing is brought to the front, folded, and stitched to the quilt.*
 - *Applied binding- Separate binding applied with mitered corners.*
 - *Decorative stitched edge- optional for Class #851, #856 and #858 only.*
3. *Quilting – minimum 4" apart, unless otherwise indicated in class description using the following methods:*
 - *Hand tack*
 - *Hand quilt*
 - *Use domestic sewing machine quilt*
 - *No long arm or hooped embroidery quilting accepted*
4. *Size is listed by class with measurements of perimeter (total outer edge measurement.) Ex. 120" = 30" square or 25" x 35" rectangle – or any other combination of 120". Can be smaller or larger as noted in class information.*
5. *Hanging sleeve or tabs are optional except in #846.*



- 845 **Strip/String Quilt:** Use strips of varying widths to make 4-blocks, sewn together for the top. Stitched and turned or self-binding suggested. Perimeter not to exceed 132". Quilting lines can be up to 8" apart. Suitable for beginner.
- 846 **Wall Hanging:** Begin with a square or rectangle piece of focus fabric or printed panel. Add at least 2 borders to the center block/panel. Add fabric loops for hanging. Finish with stitch and turn. Quilting can be stitch-in-the-ditch or echo quilting up to 6" apart. Perimeter not to exceed 132". Suitable for beginner. Hanging sleeve or tabs are required.
- 847 **Four Patch Runner:** Hand or machine piece 3 four patch blocks. Each four-patch must include at least two 6-inch square patchwork units made with square and/or rectangle pieces (ex. four patch, rail fence.) No triangle pieces. Finished quilt should measure

12" x 36". Quilting lines can be up to 6" apart. Stitch and turn or self-binding suggested. Suitable for advanced beginner.

- 848 **Quilt-As-You-Go Quilt:** Create a quilt using any quilt-as-you-go method. Add rows to the edge so that face fabric, batting and backing are attached to the previous piece. There is no additional quilting needed. Applied binding with mitered corners. Perimeter should not exceed 144". Suitable for the advanced beginner



- 849 **Small Patchwork Quilt:** Sew four 12" square blocks or nine 9" square blocks with sashing and/or borders. Triangle pieces and/or machine applique' are required. Hand or machine quilt. Applied binding with mitered corners. Finished quilt not to exceed 36" x 36".

- 850 **Dimensional Pieces, Miniature Scale or Landscape Design Quilt:** Create a quilt using dimensional pieces, miniature scale, or landscape design techniques. May include fused fabric, dimensional additions, hand or machine applique, free motion quilting and/or decorative edge finish. Perimeter size a minimum 100" and a maximum size of 200".

- 851 **Squares or Strips Precut:** Sew a top using pre-cut squares (2½" or 5",) 2½" x 42" (WOF) strips or a combination of these. Applied binding with mitered corners. Perimeter not to exceed 160".



- 852 **Applique: Pillow with applique:** Choose a pattern to applique by hand or any machine stitch onto a background. Raw edge applique is acceptable. Finish into a 14" or 16" pillow. Quilting as appropriate for the piece.

- 853 **Foundation Paper Pieced Quilt:** Use foundation paper piecing techniques for the quilt top. Applied binding with mitered corners. Perimeter maximum 200".

- 854 **English Paper Piecing:** One-inch hexagons (7 total) sewn together by English Paper Piecing method to create 2 individual coasters using the stitched and turned method. Finished size is approximately 5" diameter. Optional: hexagon motif can be applied onto a larger fabric piece and be finished with batting and backing. Self-binding or attached binding is acceptable. Small amount of quilting is acceptable

- 855 **Non-traditional Fabrics Quilt:** Sew a pieced top using non-traditional materials such as t-shirts, ties, bandanas, or denim. T-shirts must have interfacing and have sashing separating each block. Cotton fabric or fleece may be used for backing. Quilting must be done by the 4-H'er and be appropriate for the design. Perimeter must be larger than 200".

- 856 **Original Design Quilt:** Quilt top created by the 4-H'er. Must submit original design with the quilt and an explanation of the techniques used in the quilt. Quilting must be done

by the 4-Her and be appropriate for the design. Applied binding with mitered corners or decorative edge finish appropriate for the design. Perimeter minimum 144”.

- 857 **Crazy Quilt Patchwork:** Blocks constructed of irregularly shaped fabric pieces (can be specialty fabrics) embellished with a combination of ribbon work, specialty thread, embroidery stitches, and/or beadwork creating a finished crazy quilt design. The design can be created by hand or machine. Border is optional. Hand tacking is suggested quilting method. Applied binding with mitered corners. Minimum perimeter size 48” but not to exceed perimeter of 160”.

DIVISION 6030 – 4-H PHOTOGRAPHY

Specifications for exhibits:

- a. All general photography classes are taken from 4-H Photography Core Curriculum (i.e. Focus on Photography, Controlling the Image and Mastering Photography). Then the classes are organized into the Kentucky Core Curriculum.
- 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: 4-Hers can enter 6 classes 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. **Photos (except horticulture classes) must include the following a description. The description must be typed, on white paper or label and placed directly on the back of the matboard. The description must include the following:**
 - **Class**
 - **Subject**
 - **Location**
 - **Equipment Used (Specific Camera, if a Point and Shoot Camera, cell phone photograph, or DSLR); If using Point and Shoot or DSLR camera, please list specific Lens, Tripod, Trigger Release, Lighting, etc...)**

- **Skill Applied from 4-H Photography Curriculum [specific page from curricula guide should be listed]**
- k. Absolutely nothing on front of mat board except photographs and ID tag. Any other required materials are to be mounted on the back.
 2. 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 and canvas can be displayed utilizing binder clips.
 3. Project entry must meet all the requirements for the class; otherwise, the entry will be disqualified.
 4. Photography will be judged on, but not limited to: Technical, impact, composition, creativity, presentation, and the ability of the picture to tell a story.

Natural Resources

- 764a Forest – Photograph showing Forest (*large area dominated by trees*) and/or Forestry Activities
- 764b Water – Photograph showing still or moving natural water system or water activity
- 764c Wildlife – Photograph showing unrestrained and live wildlife in natural habitat; Domestic animals are not permitted
- 764d Natural Scenic – Photograph showing natural scene [manmade object not as subject of photograph]
- 764e Native Plants – 1 – 5 Photograph(s) of Kentucky Native Flora in natural area [not garden] - a plant that occurs naturally in the place where it evolved.
- 764f Insect – Photograph of insect(s) unrestrained and live in natural habitat

Agriculture

- 765a Livestock – Photograph uses livestock as the main subject.
- 765b Crops – Photograph uses crops as main focus.
- 765c Life Cycle – 1-5 photograph(s) clearly showing at least one phase of life cycle (birth, growth, death)
- 765d Agriculture Scenic – Landscape photograph with agriculture as the main focus.

765e Farm Equipment/Implement – Photograph with agriculture equipment/implement as main subject.

765f Modern or Historic Practices – 1-5 photograph(s) showing a singular, comparison, or advancement in an agriculture practice.

Leadership

766a Formal/Candid Portrait – Photograph that shows a person as the main subject. [A formal portrait is not a snapshot but a carefully arranged pose under effective lighting conditions and a candid photograph is a photograph captured without creating a posed appearance.]

766b Urban Scenic – Landscape Photograph showing an urban setting as the main subject.

766c Event – 1-5 Photograph(s) that are focused on a community event.

766d Service – Photograph that displays service learning (community service) as the main subject.

766e 4-H Event – 1-5 Photograph(s) that cover a 4-H event you attended.

766f National/International – 1-5 Photograph(s) that focus on a National or International experience.

FCS

767a Family – Portrait or Candid Photograph of family members or event

767b Food Preparation – 1 – 5 Photograph(s) showing meal or single food item preparation

767c Culture – Photograph showing unique perspective of local or global culture

767d Fashion Portrait – Portrait Photograph with modeled fashion as the primary subject

767e Patterns/Design – Photograph Showing Natural or Manmade Pattern / Design

767f Residential – 1 – 5 Photograph(s) showing residence or residential area from inside and outside.

SET

768a Mechanics – 1 – 5 Photograph(s) showing the applied concept of force and energy.

768b Architecture – Photograph showing the product of planning, designing, and constructing buildings or any other structures.

768c Energy – Showing the creation or expulsion of energy

- 768d Movement – 1 – 5 Photograph(s) of object showing movement [manmade]
- 768e Construction – 1 – 5 Photograph(s) showing the steps of construction for any built structure
- 768f Machinery/Equipment – Photograph showing machinery or equipment used in construction, engineering, or repair.

Health

- 769a Physical Activity – Photograph that shows physical activity as the main subject.
- 769b Competitive Sports – Photograph that shows a sport as the main subject.
- 769c Healthy Lifestyle – Photograph that expresses healthy lifestyles as the main subject.
- 769d Healthy Foods – 1-5 Photographs focused on healthy food or meal choices.
- 769e Careers in Health – 1-5 Photographs that focus on Careers in the health and service fields as the main focus (ex. Fire, law, medicine, emergency, education).
- 769f Dealing with Stress – Photograph that illustrates a hobby or interest that helps an individual reduce stress.

Communications/Expressive Arts

- 770a Music – Photograph showing music (written or performed)
- 770b Instrument/Art Utensils – Still life photograph using musical instruments or art equipment as primary subject
- 770c Cultural Arts Event – 1 – 5 Photograph(s) showing attended cultural arts event (Art Show, Musical Performance, etc.)
- 770d Arts Creation – 1 – 5 Photograph(s) with the design, construction, and/or creation of art as the primary subject
- 770e Created Art in Your Community – 1 – 5 Photographs showing completed local art in your county.
- 770f Word(s) – Single word spelled out using built or natural environment or words within the community with personal significance or meaning.

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

- 771 Single black and white. Horticultural subject or activity. (Maximum size: 8" x 12")
- 772 Single color. Horticultural subject or activity. (Maximum size: 8" x 12")
- 773 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.
- 774 Horticulture collection (B&W or color), consisting of 6 photographs.

DIVISION 6032 - 4-H SEWING

1. **Number of Entries Permitted:** A member may enter only one class in the Sewing Division. (This means: a member's name should appear only one time on the county's Sewing Division invoice sheet.)

2. **General Rules:**
 - a. Item must meet all requirements for the class; otherwise, the entry will be disqualified.
 - b. Items entered must have been completed by the exhibitor within the current program year.
 - c. The decision of the judges is final.

3. **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.

4. **Additional Documentation Required:**
 - a. Documentation is required only in Junior Unit VI non-clothing option and Up Cycle Jr & Sr., and Smart Clothing 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.

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.

790A 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.*

790B 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, duffel/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 III – Top It Off: Beginner skills; See Publication:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf> , pages 39-52 and 55-56.

793 Unit III Clothing Option: Shirt, simple jacket, one piece dress with no waistline, cape with a hood or collar, bathrobe, or vest with lining or facing. *Garment must be made from woven fabric and include the following: buttons and buttonholes. A simple lining, trim, collar, and sleeves may be included but are not required. This class is for youth ages 9-13.*

794 Unit III Non Clothing Option: Backpack with lining, applied trim, and button/buttonhole closure. Practice projects (hanger cover, pillow case with button closure, gift bag) are not to be entered. *This class is for youth ages 9-13.*

Unit IV – Stretch Your Knit Skills: Beginner skills; See Publication:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf> , pages 45-48 and 55-56.

- 795 Unit IV Stretch Your Knit Skills: 1 or 2 piece complete outfit made from knit fabric; such as a dress, top and bottom, pajamas, or nightshirt. **All garment pieces must be made from knit fabric with a limited amount of one-way stretch; rib knit may be included for neckband and arm/leg band trim only. This class is for youth ages 9-13.**

Unit V – Moving on Up: Intermediate skills; See publication: http://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/junior_unit_v_moving_on_up.pdf

- 796 Unit V Moving on Up: one-piece complete outfit made from woven fabric; such as a dress, coveralls, or jumpsuit. Item must include at least a zipper and/or buttons and buttonholes. A waistline simple lining, trim, collar, and sleeves may be included but are not required. This class is for youth ages 9-13.

Unit VI – Put it All Together; See Publication:

<http://www.ca.uky.edu/agc/pubs/4jd/4jd01pb/4jd01pb.pdf> , pages 49-56.

- 797 Unit VI Put It All Together Clothing Option: 2 or 3 piece complete coordinating outfit; such as warm up suit; dress with jacket or coat, swimwear with cover-up, jacket or shirt with slacks/ skirt. *At least one piece must include sleeves and a collar/hood. No simple casings. Fabric choice may be woven, knit or a combination of the two. This class is for ages 9-13.*

- 798 Unit VI Put It All Together Non Clothing Option: Original design tote bag or bicycle carrier and documentation folder – made using Wild Ginger Software, Inc. **Wild Things!** Software program, download free at: <https://www.wildginger.com/products/wildthings.htm> Select the “Tote Bag” or “Bicycle Carrier” option and design a bag that includes at least 2 pockets. Be creative with your design. Required elements: at least 2 pockets; minimum size of 12 inches in height and 12 inches in width. Item must have at least one functional zipper; and creative stitchery or applied trim to personalize your bag. If bag is not lined, the seam allowances must be finished with a bound seam finish. Optional elements: lining, other type closure as design dictates [button(s), hook and loop tape, or snap(s)]. This class is for ages 9-13. **In the documentation include:** your name, your county, the name of the unit, class entered, number of years you have been sewing, cost, and the printed design sheets (one for each pocket selected) from the program, and answers to the following questions:
1. How did you choose the size of your tote bag? Did you use any of the default settings in the program?
 2. Did you have any trouble using the software or printing your pattern? Explain
 3. Did you download the Wild Things! Program to your home computer or use the program at your county extension office?
 4. Did you make any changes to your pattern after it was printed? If so, tell what you changed.

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

799A 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.

Unit: Style Engineers – for guys and girls ages 9-13

799B Smart Clothing and Documentation: one soft circuit item created using conductive thread and hand sewing and/or machine sewing skills, LEDs, and battery pack. May include items such as an LED bracelet, an illuminating fashion applique, an illuminating fashion accessory, or an illuminating garment constructed by the member. Documentation: Attach a diagram of the circuitry in your item. Website: <http://styleengineers.org/module/smart-clothing/>. This class is for ages 9-13.

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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. 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: Dress it Up- for ages 14-18. See publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_1_b_dress_it_up_0.pdf)

802 Dress It Up -1 or 2 piece complete “dressy” outfit, such as a dress, suit, pantsuit, sport coat and slacks. Fabric choice may be woven, knit or a combination of the two. This class is for ages 14-18.

Unit: Match it Up- for ages 14-18. 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” or longer zipper. This class is for ages 14-18.

Unit: Creative Expressions- for ages 14-18. 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 profession, cheerleader, dancer, etc.
- Riding apparel

This class is for ages 14-18.

806 Creative Expression--Non Clothing Option: Select one of the following and construct a:

- Fabric doll or animal with a wardrobe of two outfits
- Machine appliquéd specialty flag or decorative banner (minimum size 24 inches x 24 inches)

This class is for ages 14-18.

Unit: Leisure Time- for ages 14-18 with advanced skills. See publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_2_a_leisure_time_1.pdf)

- 807 Leisure Time--Clothing Option: 2 or 3 piece complete outfit. Choose from the following:
Athletic wear such as leotard, cycling wear, warm-up suit, bathing suit and cover-up, tennis wear
- Pajamas and robe (must use specialty fabric such as terry cloth, flannel, fleece, nylon tricot)
 - Raincoat and hat or rain suit
- This class is for ages 14-18.

Unit: Formal Affair- for youth ages 14-18 with advanced skills. See publication: https://4-h.ca.uky.edu/sites/4-h.ca.uky.edu/files/senior_unit_2_b_formal_affair_2.pdf

- 808 Formal Affair--1 or 2 piece complete outfit, such as a prom dress, bridesmaid dress, or tuxedo. Fabric choice may be woven, knit or a combination of the two. 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

- 809 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.

Unit: Style Engineers – for guys and girls ages 14-18

- 810 Smart Clothing and documentation: one soft circuit item created using conductive thread and hand sewing and/or machine sewing skills, LEDs, and battery pack. May include items such as an LED bracelet, an illuminating fashion applique, an illuminating fashion accessory, or an illuminating garment constructed by the member. Documentation: Attach a diagram of the circuitry in your item. Website: <http://styleengineers.org/module/smart-clothing/>. This classes is for ages 14-18.

DIVISION 6042- Kentucky 4-H Trends

1. A member may enter up to 3 classes within the 4-H Trends Division.
2. All photography classes with one photograph must be mounted on 10"x 16" MAT BOARD (no poster board or foam core board accepted). Single photographs are limited to up to a maximum size of 8"x 12".
3. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.

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

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/Cupcake 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
- 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 nontraditional needles, arms, or looms.

- 1074 Junior loom knitting
- 1075 Senior loom knitting
- 1076 Junior arm knitting
- 1077 Senior arm knitting

CLOVER BUDS

Clover buds—4-H Youth between the ages of 5 and 8 can enter TWO projects in each of the following categories. They should be some variation of the projects suitable to enter in the junior classes of these divisions. The entries in these categories will be judged, awarded ribbons and premiums but WILL NOT be eligible to go on to the state fair.

- | | | |
|---------------------|------------------|----------------------|
| 01—Dog Poster | 06—Forestry | 11—Needlework |
| 02—Horticulture | 07—Geology | 12—Foods |
| 03—Electric | 08—Arts & Crafts | 13—Food Preservation |
| 04—Wood Science | 09—Photography | 14—Home Environment |
| 05—Entomology/Honey | 10—Sewing | 15—4-H Trends |

OTHER

In the “OTHER” category, junior and senior members may enter up to EIGHT total items. These items will be judged, awarded ribbons and premiums, but WILL NOT be eligible to go on to the State Fair.

- | | | |
|----------------------|-------------------|------------------------|
| 102—Horticulture | 107—Geology | 112—Foods |
| 103—Electric | 108—Arts & Crafts | 113—Foods Preservation |
| 104—Wood Science | 109—Photography | 114—Home Environment |
| 105—Entomology/Honey | 110—Sewing | 115—4-H Trends |
| 106—Forestry | 111—Needlework | |

DIVISION 6026— 4-H ENTOMOLOGY/HONEY

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

1. **An exhibitor may enter only one class in Entomology and no more than two entries in Honey (one extracted, one chunk).**
2. Specifications for pinned-insect exhibits 687A, 688A, 689A, 690A and 691 (see below for insect photography exhibits, 687B, 688B, 689B and 690B):
 - 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, and 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 (or larger if necessary) 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. First year entomology photography 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.

688A 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.

688B Second year project (40-50 photographs total, representing 2 kinds of insect eggs, 8 nymphs, 8 larvae, 2 pupae, and a minimum of 20, maximum of 30, images showing insect adaptations and/or behaviors). Specifications for exhibits are the same as for 687A except:

Each image will include a 400X300 pixel (or larger if necessary) 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 (if applicable)]

[Brief description of life stage, behavior, or adaptation]

- Second year entomology photography exhibits are judged on the following categories: Identification, description of life stage, behavior, or adaptation, labels,

- quality of photographs. Check with county 4-H agent for point distribution on score sheet.
- Identification to order is necessary for any nymphs, larvae, pupae, and adult insects in the project; common name identification is necessary for at least one-half of adult insects in the project.
 - No images from the first-year insect photography may be reused for this project.
- 689A 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.)
- 689B Third year project (50-100 photographs total, with images showing insects and other arthropods that impact humans). Specifications for exhibits are the same as for 687A except:
- Each image will include a 400X300 pixel (or larger if necessary) 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, or larger. 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 (if applicable)]
 - [Brief description of impact that the depicted arthropod has on humans]
 - Third year entomology photography exhibits are judged on the following categories: Diversity, Inclusion of life stages, Identification, Description of impact, Labels, Quality of Photographs. Check with county 4-H Agent for point distribution on score sheet.
 - Identification to order (or class for non-insect arthropods) is necessary for any eggs, nymphs, larvae, pupae, and adult insects in the project; common name identification is necessary for all adult arthropods in the project.
 - No images from previous insect photography projects may be reused for this project.
- 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.
- 690A 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.

- 690B Fourth year project (100-150 photographs total, with images showing insects and other arthropods that impact humans). Specifications for exhibits are the same as for 689B except for the additional number of photographs. No images from previous insect photography projects may be reused for this project.
- 690C Junior Level Entomology Video Project. 1-3 minute entomology video submitted to social media platform (YouTube or TikTok), focusing on one insect or insect relative (including arachnids, centipedes, millipedes, and crustaceans) that lives in Kentucky. Specifications:
- a. Video may be created on any video-editing platform and may include editing, cuts, text, special effects, filters, still images, music, and narration.
 - b. The final video will be uploaded by the 4-Her onto YouTube or TikTok, either to an account managed by local County Extension staff or to an account managed by the 4-Her. If the County Office is managing the account, they will provide a link to the video to blaken@uky.edu. If the 4-Her chooses to upload the video with privacy settings, the final video may be shared as a link to blaken@uky.edu (for YouTube videos) or direct messaged to [@kentucky_bugs](https://www.tiktok.com/@kentucky_bugs) (for TikTok videos) prior to St. Fair project submission deadlines.
 - c. The video should begin with an introduction from the 4-Her which includes the following information: First Name, County Name, Name of Project (“Junior Level Kentucky 4-H Entomology Video Project”), Common Name of Insect (or insect relative), Scientific Order Name of Insect (or insect relative).
 - d. The 4-Her may appear in the video if they elect to do so and if they have a H-328 photo consent form on file (<https://entomology.ca.uky.edu/file/photo-imageconsentformh328pdf>). The inclusion of 4-H logos (such as on a T-shirt, or on a County Extension sign) in the video is encouraged. Videos may be used by the University of Kentucky on websites or social media for education or entertainment purposes.
 - e. The video should focus on a single kind of native or non-native insect or insect relative that lives wild in Kentucky. The video does not have to focus on a single species, but needs to be more specific than the Order level. For instance, a video on “wolf spiders” would be acceptable, but “spiders” would be too general for this project. Similarly, “lady beetles” would be an appropriate topic, but “beetles” is too general.
 - f. The video may cover any factual information about the creature including: habitat, feeding strategies, defense, range, life cycle, impacts to humans, conservation status. Additional content, (such as folklore, humor, or personal experiences with the creatures) may be included, but should account for less than 50% of the content. Information may be delivered via narration (live or overdubbed), text/subtitles, or a combination.

- g. Any media used in the video must be generated by the 4-H'er. Images, video clips, music or sound clips from other creators should not be used, with the exception of licensed TikTok background music.

- 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.
- 691C Senior Level Entomology Video Project. 1-3 minute entomology video submitted to social media platform (YouTube or TikTok), focusing on one insect or insect relative (including arachnids, centipedes, millipedes, and crustaceans) that lives in Kentucky. Specifications: same as 690C except for Senior level.

HIVES and HONEY

Honey will show better in oval, flat sided to square clear glass containers. 4-H'ers must use standard honey jars. **Wide-mouth mason jars or wide-mouth honey jars may be used. The jars and lids must be clean. Fill jars to the "fill line". The "fill line" is the continuous ring that circles the jar and not necessarily the threads that help hold the lid. Note: Two jars must be submitted for the following classes.**

Display cases for capped honey may be made by 4-H'ers or brought 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.

- 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 on one-frame observation hive of honey bees consisting of worker bees, a properly marked queen, and brood.

DIVISION 6027 - 4-H FORESTRY

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

1. Only one entry per 4-H member permitted in the Forestry Division.
2. 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 Collection
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 #2 are to be followed.

SECOND YEAR

- 705 Leaf Collection-2nd year
Collection of 20 leaves representing 20 forest trees and 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 #3** is to be followed, including the 2' x 3' **exact** size.
- 709 Leaf Collection 3rd – Year
Collection of 50 leaves representing 50 forest trees found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project Unit 1 – Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #1 are to be followed.

DIVISION 6015—4-H HORTICULTURE & PLANT SCIENCE

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

1. Exhibits will be judged on the quality of the primary (horticulture) project work.
2. 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.
3. Items improperly entered will be disqualified.
4. Exhibits entered with pesticide residue will be disqualified and disposed of.
5. 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.
6. Vegetable entries should be fresh, with the label on top of exhibit. Do not stick toothpicks in produce.

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

- 561 Environmental Awareness (Such as but not limited to:) A one page description of project must accompany entry item (type or printed neatly) to be eligible for entry.
- A. Tree planting on city property, roadways, parks, etc.
 - B. Home landscaping
 - C. Composting
- 562 Production and Marketing (such as but not limited to:)
- A. Vegetable garden planted for home and/or market use.
 - B. The planting, production, or management of fruit plantings.
 - C. The planting, production, or management of trees, shrubs, greenhouse crops or garden perennials.

- 563 Experimental Horticulture (such as, but not limited to:) A one page description of project must accompany entry item (type or printed neatly) to be eligible for entry.
- A. "Science Fair" type of exhibit involving experimental work with plants
 - B. Comparison of different varieties of vegetables or annual flowers
 - C. Comparison of mulching or other cultural practices
- 564 Horticultural Project Exhibits (such as, but not limited to:) A one page description of project must accompany entry item (type or printed neatly) to be eligible for entry.
- A. How to propagate plants
 - B. How to force spring bulbs
 - C. How to start seeds
 - D. How to graft cacti
 - E. How to dry herbs

Plant Display: Youth should NOT use garden soil in containers. Use well-drained, disease-free potting media 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, cherry (5 per plate) Must be ripe (red or yellow color only) type
- 576 Tomato beef steak (5 per plate)
- 577 Tomato heirloom (5 per plate)
- 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**
- 586 Squash, summer (3 per plate)
- 587 Eggplant (3 per plate)
- 588 Potato (5 per plate)

* Place ears of corn in a tote or plastic bag (such as a grocery bag). Sealed plastic bags (such as Ziplock bags) are not recommended because the sealed bags can cause the corn to mold and have a bad odor.

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.

- 589 Largest Tomato (by weight) must be ripe (red or yellow color only)
- 590 Largest Pumpkin (by weight)
- 591 Largest Watermelon (by weight)

DIVISION 6025 - 4-H WOOD SCIENCE

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

An exhibitor may enter only one Wood Science class per year.

- 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.)
- 678 Level 3, **NOT from a kit**. Items showing a more advanced knowledge of power tools, expertise in cutting, fitting, surface preparation, attention to fastening details, and finish application, (Examples could include but not limited to: a multi-purpose box, corner shelf, book shelf or laminated wood projects, garden bench, planting box, nail and tool box, shop tool rack & shelf, etc.) Original designs are welcomed. This exhibit is to be made up of two parts: 1) the **item** and 2) a **folder containing photographic documentation** of the steps taken in order to complete this exhibit.
- 679 Level 4, **NO kits**. Exhibits with a "furniture" quality finish, showing an understanding of all woodworking techniques learned in previous levels. Items must show a mastery of joint construction and use of special woods, and finishes. (Examples could include but not limited to: checker boardroom divider, coffee table, end table, chest of drawers, gun

rack or cabinet, etc.) Original designs are welcomed. This exhibit is to be made up of two parts: 1) the **item** and 2) a **folder containing photographic documentation** of the steps taken in order to complete this exhibit.

- 680 Level 4, **NO kits**. Exhibits do not require a fine finish (painted finish allowable) because of practical use. Items demonstrate knowledge of all woodworking techniques learned in previous levels. Items must show a mastery of cutting, drilling, joint construction, use of special woods, and appropriate finishes. (Examples could include but not limited to: porch swing, chaise lounge, picnic table, lawn chair, large planters, etc.) This exhibit is to be made up of two parts: 1) the **item** and 2) a **folder containing photographic documentation** of the steps taken in order to complete this exhibit.

DIVISION 6040 - CONSUMER AND FINANCIAL EDUCATION

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. An exhibitor may enter two entries per class.
3. 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.

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.

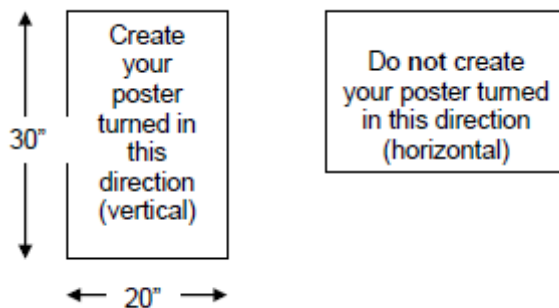
Level 3 (Grades 9-12): Consumer Roadmap

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.



4-H TOBACCO
DIVISION 2101 – Burley
DIVISION 2102 – Dark Stripped
DIVISION – 2103 – Green Stick & Potted Burley

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

An exhibitor may enter in any one or all different classes. However, one exhibitor is limited to **ONE** entry per class (Potted Plant, Green stick and Stripped Tobacco).

TOBACCO DIVISIONS AND CLASSES

Burley Division – Stripped

All 4-H Burley should be entered as Division 2101.

Class No.

- 5 Flying
- 6 Lug
- 7 Leaf
- 8 Tip

Burley - Best Crop

Class No. 15 Best Crop, 4-H, 4 grades

Entries shall be on an individual basis and must be produced by the exhibitor. Only **one** entry per individual is permitted and an entry shall consist of four grades: Flying, Lugs, Leaf and Tips. Each grade shall consist of two hands of 20 leaves each and samples entered in Classes 6 through 10 shall not be considered for this class. An engraved plaque will be awarded to the 4-H individual exhibiting the most outstanding entry in classes 5 through 8 and 15. In case of a tie, a point system will be used in awarding plaques.

Dark Tobacco

All 4-H Dark Tobacco should be entered as Division 2102.

Entries shall be on an individual basis and must be produced by the exhibitor. One entry per individual is permitted and an entry shall consist of four grades: Wrappers, Heavy Brown Leaf, Dark Leaf, and Thin Brown Leaf. Samples entered in classes 16 through 23 shall not be considered for this division.

Class No.

- 26 4-H Best Crop (2 hands – 20 leaves each grade)

4-H Class Green Dark Tobacco (By Sticks):

Class No.

31 Dark

Growing Dark Tobacco Plant

Class No.

33 Best potted growing plant of Dark Tobacco, any type

Green Stick and Potted Burley Tobacco should be entered as Division 2103.

4-H Class Green Tobacco (by sticks):

Class No.

36 Burley

Class No.

39 Best potted growing plant of Burley Tobacco.

(All potted plants will become the property of the Kentucky State Fair and after judging will be used as decorations throughout the Fair for promotion of the Tobacco Department.

DIVISION 6018 - 4-H CROPS PROJECT

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

Exhibitor is limited to 1 entry per class. Exhibitor is not limited to number of classes entered.

CLASSES

LEGUME HAY:

- 600 Alfalfa hay, ½ bale (no full bales accepted) from the current year's project crop, neatly tied and labeled.
- 601 Red clover hay, ½ bale (no full bales accepted) from the current year's project crop, neatly tied and labeled.

GRASS HAY:

- 602 Timothy Hay, ½ bale (**no full bales accepted**) from this current year's project crop, neatly tied and labeled. **Place hay in a double strength plastic bag.**
- 603 Other Grass Hay, ½ bale (**no full bales accepted**) from the current year's project crop, neatly tied and labeled. **Place hay in a double strength plastic bag.**

MIXED HAY:

- 604 Mixed Hay, ½ bale (**no full bales accepted**) from the current year's project crop, neatly tied and labeled.

YELLOW CORN:

- 605 Yellow-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.
- 606 Yellow-ear, from the current year's crop, 8 ears shucked, and labeled with variety and yield.
- 607 Yellow-shelled, from the previous year's crop, 0.5 gallon in a container, and labeled to show variety and yield.

WHITE CORN:

- 608 White-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.

- 609 White-ear, from the current year's crop, 8 ears shucked, and labeled with variety and yield.
- 610 White-shelled, from the previous year's crop, 0.5 gallon in a container, and labeled to show variety and yield.

POPCORN:

- 611 White Popcorn-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.
- 612 Red Popcorn-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.
- 613 Yellow Popcorn-ear, from the previous year's crop, 8 ears shucked, and labeled with variety and yield.

FIELD SOYBEANS (Oil):

- 614 Soybeans from the current year's crop, three stalks tied together below leaves, with roots intact, but free of soil, and labeled to show variety.
- 615 Soybeans from the previous year's crop. 1-gallon zip lock bag, and label to show variety and yield.

GRAIN SORGHUM (Milo):

- 617 Grain Sorghum from the current year's crop, three stalks tied together below leaves, with roots intact, but free of soil, and labeled to show variety.
- 618 Grain Sorghum from the previous year's crop, 1-gallon zip lock bag, and labeled to show variety and yield.

SWEET SORGHUM

- 619 Sweet sorghum from the current year's crop, three stalks tied together below leaves, with roots intact, but free of soil, and labeled to show variety.

WHEAT (Soft, Red, Winter)

- 620 Wheat from the current year's crop, 0.5 gallon in a container, and labeled to show variety and yield.
- 621 Barley from the current year's crop, 0.5 gallon in a container, and labeled to show variety and yield.