

4-H Exhibits

1. Open to all Carter County 4-H members.
2. One entry per class per exhibitor.
3. Danish system is used in judging (Blue, Red, White).
4. Exhibits must have been completed since September 1, 2016.
5. Exhibits will be accepted from 2:30-5:00 on Sunday, August 6th.
6. Premiums will be \$3.00 for blue, \$2.00 for red, and \$1.00 for white.
7. Junior division includes ages 9-13; Senior division includes ages 14-18; Cloverbud division includes ages 5-8.
8. All items must be family friendly.
9. 4-H project books are not needed, unless otherwise stated.

4-H TOBACCO CLASSES

Burley Division – Stripped

- 005 Flying
- 006 Lug
- 007 Leaf
- 008 Tip

Burley - Best Crop

An entry shall consist of four grades: Flying, Lugs, Bright Leaf and Red Leaf. 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.

- 015 Best Crop, 4 grades

Burley

1. Each stick of green tobacco consists of 4 stalks per stick.
 2. All entries in the green stick classes should be wilted for a better presentation, but must still be in GREEN STAGE.
 3. All growing tobacco plants should be potted in a waterproof plastic bag and placed in an attractive container before arrival at the Fair. A five-gallon bucket is suggested.
- 036 Burley – Green Sticks
 - 039 Best potted growing plant of Burley Tobacco

4-H AEROSPACE CLASSES

- 100C Year 1 – Exhibit a straw rocket or model rocket built by the guidelines in the book.
- 101C Year 2 – Exhibit a kite built by the guidelines in the book.
- 102C Year 3 – Exhibit a box kite built by the guidelines in the book.

4-H FASHION MAGIC CLASSES

- 103C Year 1 – Notebook as outlined on page 4 of the project book.
- 104C Year 2 – Notebook as outlined on page 3 of the project book.
- 105C Year 3 – Notebook as outlined on page 3 of the project book.

4-H CLOVERBUD CLASS

- 106C Any project completed by a 4-H Cloverbud.

4-H LIVESTOCK RECORD BOOK CLASSES

- 107C Beef
- 108C Chicken
- 109C Goat
- 110C Lamb
- 111C Rabbit
- 112C Swine
- 113C Cloverbud Livestock Record Book

4-H HORSE PROJECTS

- All photos and crafts must be equine related.
- Photography exhibits with one photo should be mounted on 10x16 mat board. Photography exhibits with multiple photos should be mounted on 16x20 mat board.

Horse Crafts

- 114C Junior Art (kit/pattern/blue print) – Craft articles made from items prefabricated in kit form; paintings, drawings, wall hangings, etc. Craft articles made from a pattern or blue print; woodworking, cloth articles, leather crafts, etc.
- 115C Senior Art (kit/pattern/blue print)
- 116C Junior Art (original design) – Craft articles made from items not acquired in a kit or constructed from a pattern/blue print: free hand paintings, drawings, original design wall hangings, original sculpture/design ceramics, etc.
- 117C Senior Art (original design)
- 118C Junior Equipment – Leather (halters, bridles, etc.), cloth (saddle pads, bridle bags, halter bags, etc.), wood (grooming boxes, saddle racks, etc.), metal (boot rack, organizers made from horse shoes, tack box, etc.) or other materials. Products should have a use.
- 119C Senior Equipment
- 120C Junior Clothing & Sewing – Leather (belts, chaps, etc.), cloth (shirts, jackets, bags, quilts, etc.)
- 120C Senior Clothing & Sewing
- 121C Cloverbud Horse Craft – Follow the descriptions in one of the classes above.

Horse Photography

- 122C Single Photo: personal interest
- 123C 3 Photos of an Event: The series should tell a story with a clear beginning, middle, and end.
- 124C Black & White: Photo shows texture, shape, and composition, as well as light shadow contrast.
- 125C Portrait & Candid: 2 Photos, one should be posed and taken as a still portrait, the other should be a candid shot of the same subject. The portrait should emphasize clarity, and the position of the subject should be specific. The candid phot should show the subject with a natural look.
- 126C Cloverbud Photography – Follow the directions in one of the classes above.

4-H POSTER PROJECTS

1. Poster should contain pertinent information about the project.
2. Participants may use a variety of media, however no 3-dimensional posters will be allowed.
3. Posters must be no smaller than 20" x 30" and no larger than 24"x 30." Posters must be made using one of the following, matt board, or foam core board. No poster board is allowed.
4. Copyrighted characters such as Snoopy, Charlie Brown, or other cartoon characters can not be used.
5. Posters will be judged on how well they present information and on their general appearance.
6. The back of the poster should include all informational sources used on the poster.

- 543 Junior Dog
- 544 Senior Dog
- 545C GPS (can also include a display)
- 546C Health (can also include a display)
- 547C Pets (can also include a display)
- 548C Small Engines (can also include a display)
- 549C Tractor (can also include a display)
- 550C Water (can also include a display)
- 551C Weather (can also include a display)
- 552C Citizenship
- 553C Exploring 4-H (can also include a display)
- 554C Beekeeping
- 556C Babysitting – ½ of the poster should contain 3 different puppets created by the participant
- 557C Bicycle Safety (can also include a display)

- 558C Livestock (includes beef, goat, sheep, hogs, poultry & rabbits)
- 559C Career Exploration
- 560C Cat (can also include a display)
- 561C Energy (can also include a display)
- 562C Horse (can also include a display)

4-H HORTICULTURE CLASSES

1. 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.
2. Exhibits entered with pesticide residue will be disqualified.
3. 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.
4. Vegetable entries should be fresh.
5. Youth should **NOT** use garden soil in containers. Use well-drained, disease-free potting soil for all containers.

Poster Displays – A one page description of project must accompany entry.

- 561 Environmental Awareness
- 562 Production and Marketing (including vegetable gardening)
- 563 Experimental Horticulture
- 564 Horticultural Project Exhibits (including spring bulbs and stating seeds)

Plant Display:

- 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
- 570C Windowsill Garden
- 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

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

Largest Vegetables

- 586 Largest Tomato (by weight) Must be ripe (red or yellow color only)
- 588 Largest Pumpkin (by weight)
- 589 Largest Watermelon (by weight)

4-H CROP CLASSES

1. Grain samples must be of good quality and free from foreign matter. Grain must be in one (1) gallon zip lock bags.
2. For hay, bring ½ hay bale securely bound with cord or twine from this year's crop. For corn, bring 8 ears shucked.
3. Label all crops with variety and yield.
4. Legume hay shall consist of 85% if the class designed legume. Grass hay shall be 85% of the class-designed grass. Mixed hay should contain only one eligible grass and one eligible legume. The legume component shall be at least 30 percent alfalfa and not more than 70% legume. Eligible legumes are alfalfa, red clover, and ladino clover. Eligible grasses are timothy, Bermuda grass, orchard grass, tall fescue and rye grass.

LEGUME HAY:

- 600 Alfalfa hay
- 601 Red clover hay

GRASS HAY:

- 602 Timothy Hay
- 603 Other Grass Hay

MIXED HAY:

- 604 Mixed Hay

YELLOW CORN:

- 605 Yellow-ear, from the previous year's crop
- 606 Yellow-ear, from the current year's crop
- 607 Yellow-shelled, from the previous year's crop, ½ gallon in a container

WHITE CORN:-

- 608 White-ear, from the previous year's crop
- 609 White-ear, from the current year's crop
- 610 White-shelled, from the previous year's crop, ½ gallon in a container

POPCORN:

- 611 White Popcorn-ear, from the previous year's crop
- 612 Red Popcorn-ear, from the previous year's crop
- 613 Yellow Popcorn-ear, from the previous year's crop

FIELD SOYBEANS (Oil):

- 614 Soybeans from the current year's crop, three stalks tied together below leaves, with roots intact, but free of soil
- 615 Soybeans from the previous year's crop. 1-gallon zip lock bag
- 616 Potted Soybean plant from current year's crop. One plant per container (two gallon or less).

GRAIN SORGHUM (Milo):

- 617 Grain Sorghum from the current year's crop, three stalks tied together below leaves, with roots in tact, but free of soil
- 618 Grain Sorghum from the previous year's crop, 1 gallon zip lock bag

SWEET SORGHUM:

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

WHEAT (Soft, Red, Winter):

- 620 Wheat from the current year's crop, ½ gallon in a container
621 Barley from the current year's crop, ½ gallon in a container

4-H ELECTRICITY CLASSES

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. All exhibits requiring bulbs must have the correct size.
3. Use of molded plug-ins is not prohibited but discouraged.
4. Any electric project observed or judged to be unsafe or potentially harmful to the public or surrounds will be disqualified immediately.
5. Effective strain relief should be provided for all wire to terminal connections. Knots, clamps, connectors, or staples are acceptable when used appropriately.
6. All projects (except the lamp) should be properly assembled and securely mounted to an appropriate size mounting board or mechanism.

YEAR 1 (All exhibits must be DC powered).

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

YEAR 2 (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).

YEAR 3 (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)

YEAR 4 (Exhibits may be either DC or AC powered. AC powered exhibits must be able to be safely connected and disconnected from a standard 120 volt duplex outlet).

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

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

GREEN ENERGY

- 658 Wind or solar powered energy project (from kit).
659 Wind or solar powered energy project (original design).

4-H WOODWORKING CLASSES

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.

4-H ENTOMOLOGY CLASSES

1. Specifications for exhibits:

- 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 cellophane 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. 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.
 - 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.
2. No extra credit will be given for specimens exhibited beyond the numbers listed.

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 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 200X200 pixel, white notation box with important information about the photo. This notation field may be placed anywhere inside the image, including inside black bars (if present). Fonts may vary based on the 4-Her's software, but we recommend Ariel, 10pt, 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, Entry Number]
 - [Date of original photograph]/[Location of original photograph. Location may be in the form of a street/city/zip code address or GPS coordinates.]
 - [Brand and type of camera or camera phone]
 - [Settings, including type of lens, relevant camera settings, and "flash" or "no flash"] [Insect Order – Common Name]

1. Entomology exhibits are judged on the following categories: Orders, Species, Common Names, Labels, Quality of Photograph.
2. Digital insect collections will be penalized if they:
 - a. Consist of images that were created by someone other than the 4-Her
 - b. Are not submitted and labeled according to guidelines
3. No extra credit will be given for photographs submitted beyond the numbers listed in the current project books.

- 688 Second year project (Up to three 9" x 13" official cardboard boxes, or up to two 18" x 24" wooden boxes, with minimum of eight orders and not less than 50 insects, nor more than 100 insects.) Half of the insects should be identified with a common name.
- 689 Third year project (Three 9" x 13" official cardboard boxes, or two 18" x 24" wooden boxes, with a minimum of 10 orders and 100 insects, a maximum of 150 insects.)
- 690 Fourth year project (Three 9" x 13" official cardboard boxes, or two 18" x 24" wooden boxes, with minimum of 12 orders and 150 insects, no maximum) An addition cardboard or wooden box with an example of insect damage, the stage of the insect causing the damage and any other stage of the insect that helps identify the problem. Include information in the display that tells how the insect is controlled. Life cycle of two insects may be displayed if desired.
- 691 Fifth year project (may be repeated for successive years of eligibility but must be a different exhibit. No exhibit that has been judged in any previous State Fair may be entered.) Any type of display that pertains to experiences beyond those of previous projects. Special collections of native and/or exotic butterflies, beetles to some other insect order; a study in depth of one insect or small group of insects: a display of insect camouflage: a display of plastic embedded insects: a collection of insect larvae and nymphs are examples. Charts, photographs, models or any other visual aids may be used. 4-H'ers are encouraged to write a short (1 or 2 paragraphs) statement developing the theme of their fifth year display.

4-H HONEY CLASSES

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 within ½ inch of top.

- 692 Two one-pound containers of white extracted honey
- 693 Two one-pound containers of light amber extracted honey
- 694 Two one-pound containers of amber extracted honey
- 695 Two one-pound containers of dark amber extracted honey
- 696 Two wide mouth quart jars of chunk honey, any color.

4-H FORESTRY CLASSES

FIRST YEAR

- 703 Leaf Collections - Collection of 10 leaves representing 10 Kentucky forest trees.
- 704 Leaf Print Collection - Collect and print 10 leaves representing 10 Kentucky forest trees.

SECOND YEAR

- 705 Leaf Collection-2nd year - Collection of 20 leaves representing 20 Kentucky forest trees and different from ones done in first year project.
- 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'.

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'.
- 708 Stem, Leaf, Fruit display - Collect and mount 5 stems, leaves and fruit representing 5 Kentucky forest trees.

4-H GEOLOGY CLASSES

1. Display boxes must be 16"-20" vertically and 22"-24" horizontally.
2. All boxes must have Plexiglas cover that can be easily removed for judging.
3. Each exhibit must be secured with a lock. Attach a key to box with your name and county firmly attached to key. Keep another key in case this key is misplaced.
4. Hinges and Locks should be flush or mounted on sides or top of boxes, so boxes will sit level.
5. If fabric is used, use a fabric glue to adhere entire piece of fabric to box. Suggested fabrics are felt or velveteen.

6. Rocks, minerals, and fossils should be firmly attached to the box, and should be numbered to correspond the number on the Geology Identification Labels.
7. Boxes will be displayed on their side, not flat. Therefore, larger specimens must be attached near the lower portion of the box.
8. 4-H Geology Identification Labels are the only labels acceptable.
9. 4-H'ers entering fifth year and up cannot enter the same exhibit that has been judged in any previous fair.
10. 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.

- 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.

4-H ART & CRAFT CLASSES

1. Seniors must submit an artist statement label card.
2. Exhibits will be disqualified if:
 - 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).
 - Pictures are not mounted on firm mat, not foam core and/or framed with attached hanger. No poster board allowed.
3. Senior class descriptions match those of the junior classes.

Painting

- 727a. Junior Acrylic Still Life: Using acrylic paint to create a Still Life.
- 727b. Senior Acrylic Still Life
- 728a. Junior Water Color: Using watercolors and a variety of techniques to complete a painting on watercolor paper.

- 728b. Senior Water Color
- 729a. Junior Abstract: Using acrylic paints experiment with abstract designs to complete a painting.
- 729b. Senior Abstract
- 730a. Junior Sand Painting: On an 8"x10" x1/4" sanded plywood or particle board. Explore painting with colored sand mixed with glue.
- 730b. Senior Sand Painting
- 731a. Junior Self Portrait: Using acrylic or watercolor paints. Complete a self-portrait using any drawing or painting technique.
- 731b. Senior Self Portrait
- 732a. Junior Human Action: Using acrylic or watercolor paints, capture human action through the use of vivid colors, lines, and texture when painting.
- 732b. Senior Human Action
- 733a. Junior Oil Painting: 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
- 734a. Junior Oil Landscape: On a 16"x18" stretched and primed canvas, canvas board or sheet of Masonite coated in gesso. Lay out a one-point landscape perspective drawing and use oil paints to show atmosphere and distance.
- 734b. Senior Oil Landscape

Printing

- 735a. Junior Intaglio Collagraph Print: On 8 1/2" 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
- 736a. Junior Blueprint Paper Print: On blueprint paper create a sun print; at least 5 1/2 x 8 1/2 in. using cyanotype or Light or sun sensitive paper.
- 736b. Senior Blueprint Paper Print
- 737a. Junior Etched Plexiglas: Create an original print using an etched Plexiglas plate. The print should be at least 5 1/2"x 8 1/2" in. Plexiglas etching uses the intaglio method of printing.
- 737b. Senior Etched Plexiglas
- 738a. Junior Wax Resist Print: Create intricate designs for printing using a wax resist method.
- 738b. Senior Wax Resist Print
- 739a. Junior Tire Stamp Print: Cut pieces of inner tube tire, glue it onto a wood block, and print using a stamp pad.
- 739b. Senior Tire Stamp Print
- 740a. Junior Linoleum Print: Create linoleum print using linoleum block on paper.
- 740b. Senior Linoleum Print

- 741a. Junior Hand Drawn Negative Photograph: 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

Graphic Design

- 743a. Junior 5 Color Design: Create two 8"x 10" in. landscapes. 5 color designs are identical except for one color. Change one color to create a second design. Use paint, paper or computer graphics program. Mount on mat board.
- 743b. Senior 5 Color Design
- 744a. Junior Computer Drawing: 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

Drawing

- 745a. Junior Contour Drawing: Draw objects using the contour drawing method. Do 2-3 drawings of the same object from different angles.
- 745b. Senior Contour Drawing
- 746a. Junior Two Point Perspective: On sketch paper, draw a two point perspective that has a point at each end of a horizontal segment.
- 746b. Senior Two Point Perspective
- 747a. Junior Circular Shape Object: Draw a subject to fit a circular shape.
- 747b. Senior Circular Shape Object
- 748a. Junior Color Pencil: Draw with colored pencils and use turpenoid to blend the colors.
- 748b. Senior Color Pencil
- 749a. Junior Pen and Ink: Sketch animals or other objects using pen and ink.
- 749b. Senior Pen and Ink:
- 750a. Junior Calligraphy: On 8 1/2x11 paper, rewrite a quote, poem or pledge using Calligraphy. Make sure to include the author on the piece.
- 750b. Senior Calligraphy
- 751a. Junior Cartooning: 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

Fiber Arts

- 752a. Junior Felted Wool Applique Mat: 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
- 753a. Junior Cotton Linter Bowl: 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
- 754a. Junior Batik Fabric: Using natural fiber fabric create a unique fiber artwork using dyes and the wax resist method.
- 754b. Senior Batik Fabric
- 755a. Junior Lap Loom Woven Place Mat: Set up a lap Loom. Using several colors or types of yarn create a woven placemat.
- 755b. Senior Lap Loom Woven Place Mat
- 756a. Junior Inkle Loom Basket: 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

Sculpting

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

Art Trends and Traditions

This section will be highlighting the latest trends in art while honoring our heritage. Art trends will be selected every two years. Heritage crafts will be open to any heritage craft. According to various sources, heritage can refer to practices or characteristics that are passed down through the years, from one generation to the next.

Documentation for the Heritage Craft Classes is **REQUIRED**. If required documentation is not attached the item will be disqualified.

763a. Junior Art Trends – Mixed Media. Mixed media is defined employing more than one medium.

763b. Senior Art Trends—Mixed Media

764a. Junior Heritage Craft- See below for definition.

764b. Senior Heritage Craft.

4-H PHOTOGRAPHY CLASSES

Specification for exhibits:

- All classes WITH ONE PHOTOGRAPH MUST BE MOUNTED ON WHITE 10”x 16” MAT BOARD. Single photographs are limited to up to a maximum size of 8”x 12”.
- All classes 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.
- Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.
- 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.
- If labels are required for pictures, it must be typed, on white paper, and placed directly below the photograph it is identifying.
- Absolutely nothing on front of mat board except photographs, labels (if required) and ID tag. Any other required materials are to be mounted on the back.
- Photography will be judged on, but not limited to: Technical, impact, composition, creativity, presentation, and the ability of the picture to tell a story.

LEVEL 1 Focus on Photography

764 Fun with Shadows, Photograph shadows to create a mood or element of surprise. Two photographs of shadow shapes and three photographs that show how the shadow of a subject can “grow” or shrink over time.

765 Directing the Light, Four Photographs. Using either natural or artificial light take photographs of subject with; Front lighting, Back lighting, Side lighting, and Top lighting (overhead).

766 What Do You See? Display three photographs. (A) 1- Landscape with foreground, Middle ground, and background, labeled 1, 2, 3, (B) 1- Landscape with a foreground object that frames the photograph. (C) 1- portrait of a person without background clutter.

767 Bird’s Eye View, Display four photographs, one from each Position. a.) Lying on your stomach, b.) Lying on your back, c.) Leaning over, d.) Bending sideways

768 Hat Tricks and Magic, Display 4 photographs that show the following special effects. Give each photograph a title.

- Hat Trick: Have a plant growing out of the subject
- Hand Stand: Have it look like someone is holding a person in their hand
- Magic: Set up the photograph to look like a person is hanging from the ceiling.
- Bad Hair Day: Position a person to look like their hair is sticking straight up.

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

770 Black and White, 3-5 Black and White photographs that show texture, shape and composition. The interest is in the contrast, light and shadows.

LEVEL 2 Controlling the Image

771 Golden Photo, Display 4 photographs, labeled.

- 1 photo – Rule of Thirds
- 1 photo – Using the Golden Triangle
- 1 photo – Using the Golden Rectangle
- 1 photo – That doesn’t follow the rules.

- 772 The Space Tells a Story, Display 1 photograph that shows good use of positive and negative space.
- 773 Capture a Candid Photo, Create a candid collection (3-5) photos. Take photographs at a party, parade, sporting event or family reunion. Try to capture the emotions of the event.
- 774 Freeze the Moment, Display 2 photographs that use shutter speeds to show action.
- setting # 1 – Set shutter speed 1/250 to freeze action for a clear photograph.
 - setting #2—set the shutter speed at 1/30 Label the shutter speed of the photograph.
- 775 Panning the Action, Display two photographs; one showing panning technique and one showing blurring of motion.
- 776 Bits and Pieces, Display one photograph. Fill the frame with small parts of a whole subject. Choose bits and pieces for close-ups.
- 777 Panoramas, Take a series of photographs to create a panorama.

Level 3 Mastering Photography

- 778 Reflections, Two reflections photographs. Label each with time, location, and camera setting. Take pictures of reflections as subjects.
- 779 Still-Life, Show two series of at least three photographs showing different arrangements and techniques of a still-life. Choose two experiments:
- Similar Themes
 - Similar Colors
 - Different Lighting
 - Your Interest
- 780 Say “Cheese”, Display two formal portraits and two informal portraits
- 781 Mastering Composition, Display four photographs. One from each collection.
- Symmetry vs Asymmetry
 - Pattern and Texture
 - Shape and Form
 - Visual Rhythms
- 782 Expression Through Color, Display three photographs that illustrate Monochromatic, Contrasting, and Complementary color techniques- Label each one.
- 783 Details! Details!, Display three to five examples that highlight details in a subject you explored.
- 784 Pictures With a Purpose, Display 2-3 photographs that could be part of a brochure. Include words that market the product, event or the Organization.
- 785 How Did They Get That Picture?, Display 3-5 Photographs taken with advanced or specialized equipment.

HORTICULTURAL PHOTOGRAPHY EXHIBITIONS

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

- The cultivation of plants for food (pomology and olericulture):
 - Pomology deals with fruit and nut crops. (not included in photography classes)
 - Olericulture deals with herbaceous plants for the kitchen, including, for example, carrots (edible root), asparagus (edible stem), lettuce (edible leaf), cauliflower (edible flower), tomatoes (edible fruit), and peas (edible seed). (included in photography classes)
- Plants for ornament (floriculture and landscape horticulture).
 - Floriculture deals with the production of flowers and ornamental plants; generally, cut flowers, potted plants, and greenery. (included in photography classes)
 - Landscape horticulture is a broad category that includes plants for the landscape, including lawn turf, but particularly nursery crops such as shrubs, trees, and climbers. (not included in photography classes)

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

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

HORTICULTURAL PHOTOGRAPHY CLASSES

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

4-H SEWING CLASSES

1. Items must be "handmade"; no ready-to-wear/factory made items will be accepted.

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

Unit I – Let's Learn to Sew: Beginner skills

- 789 Unit I Clothing Option: Shorts, pants, or skirt with casing waistline (elastic and/or drawstring). Garment must be made from woven fabric and include the following: straight machine stitching, appropriate visible seam finish, and machine stitched hem.
- 790 Unit I Non Clothing Option: Drawstring backpack 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.

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

- 791 Unit II Clothing Option: Skirt, sundress, 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.*
- 792 Unit II Non Clothing Option: Zippered tote bag, purse, garment bag, or gym bag. *Exhibit must be made from woven fabric and include the following: enclosed seams, appropriate seam finish, interfacing, and zipper. Pre-quilted woven fabric and recycled woven fabric is acceptable.*

Unit III – Top it Off: Beginner skills

- 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.*
- 794 Unit III Non Clothing Option: Backpack with lining, applied trim, and button/buttonhole closure.

Unit IV – Stretch Your Knit Skills: Beginner skills

- 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.*

Unit V – Moving on Up: Intermediate skills

- 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.

Unit VI – Put it All Together:

- 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.

Unit: Up Cycle It!

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

Senior Division for 4-Hers age 14-18

Let's be Casual

- 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.
- 801 Let's be Casual--Non Clothing Option: 2 coordinating fashion accessories from the following: wallet, garment bag, purse, backpack or duffel bag. At least one piece must have a zipper.

Dress it Up

- 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.

Match it Up

- 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, shirt
- Vest, jacket, 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.

- 804 Match It Up--Non Clothing Option: 3 or 4 piece coordinating luggage/travel accessories set. Each piece must have an applied border/trim, pocket and zipper.

Creative Expressions

- 805 Creative Expression--Clothing Option: Construct a complete outfit for one of the following activities:

- Halloween, theater, or historic costume
- Uniform for medical, cheerleader, dancer, etc.
- Riding apparel

- 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)

Leisure Time

- 807 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

Formal Affair

- 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.

Tailor Made

- 809 Tailor Made or Wool-Suit, jacket, or coat, made from 100% wool or a least 60% wool blend fabric. Traditional or speed tailoring techniques must be used to create structure in the areas of

the neck, shoulder, and hemlines. Do not include non-wool/wool blend coordinates.

Upcycle

810 Item sewn from recycled/repurposed garments and documents 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.

4-H NEEDLEWORK CLASSES

1. Items must be "handmade" by the 4-H member.
2. Item(s) must be clean to be accepted for judging. Previous wearing/using is acceptable, but item must be clean.

CROCHET

813 Item(s) made of medium weight yarn and single and/or double crochet stitches: Such as: scarf, purse, belt, hat, pillow, two wash cloths (made from cotton yarn), afghan, shawl, vest, or pair of slippers.

814 Item made with novelty yarn and single and/or double crochet stitches: Such as: scarf, purse, belt, hat, pillow, afghan, shawl, vest, or pair of slippers.

815 Item(s) made of granny squares: May use any weight yarn.

816 Item(s) made using intermediate skills/pattern crochet stitches: Such as: toy, hat, belt, scarf, pair of mittens, pillow, sweater, vest, shawl or baby blanket, doily (made from bedspread weight thread) or set of 5 different ornaments (made from bedspread weight thread using intermediate skills/stitches. Include one or more pattern stitches—shell, arch, diamond, bobble, snapdragon, popcorn, cross, puff, cluster, or seed/granite. Can include one or more colors in alternating rows (stripes).

817 Item or pair of items using advanced crochet skills: include one or more of the following advanced skills: afghan stitch, beadwork, camel crochet, filet crochet, Irish crochet, Cro-knit/hook, Cro-tat, hairpin lace, or broomstick lace; combining pattern stitches with crocheted buttons and/or buttonholes; creating plaids, geometric designs or checks; making novelty crochet articles; or 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, coat or toy.

HAND EMBROIDERY

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.

818 Item using one type of embroidery stitch from the following:

- Redwork: Embroidery item made with a single color of floss such as “Redwork,” using red floss. Must use the stem stitch and have an embroidered area equivalent to 5 x 7 inches or larger.
- Stamped Cross Stitch: Cross stitched design stamped (printed/drawn) on plain woven fabric and have an embroidered area equivalent to 5 x 7 inches or larger.
- Stamped Cross Stitch Border: Cross stitched border using a design stamped (printed/drawn) on plain woven fabric that has an embroidered area equivalent to 2 x 16 inches or larger.
- Cross Stitch on Gingham: Cross stitched item using ¼-inch checked gingham fabric and have an embroidered area equivalent to 5” X 7” or larger. The design was stitched by following a chart or graph of the design, not stamped or drawn on the fabric.

819 Item using multiple types of embroidery stitches from the following:

- Candlewicking: Candlewicking design stamped on plain woven fabric. Must include stem/outline, satin and colonial knot stitches and have an embroidered area equivalent to 5 x 7 inches or larger.
- 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 5 x 7 inches or larger.

820 Item of charted embroidery using large cross or snowflake stitches from the following:

- Cross Stitch on Gingham: Cross stitch on ¼-inch gingham and have an embroidered area equivalent to 5 x 7 inches or larger.
- Counted Cross Stitch: Counted cross stitch on 11 count Aida cloth and have an embroidered area equivalent to 5 x 7 inches or larger.
- 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.

821 Item of crewel embroidery:

Crewel embroidery design on linen or cotton twill fabric using crewel or Persian yarn. Must have an embroidered area equivalent to 6 x 8 inches or larger.

822 Item of charted embroidery using specialty cloth from the following:

- Counted cross stitch on 14 count Aida cloth or other fabric using waste canvas. Must have an embroidered area equivalent to 5 x 7 inches or larger.
- Huck embroidery on huck toweling creating a minimum 2 inch wide border design.
- Swedish weaving on monk’s cloth creating a minimum of 6 inch wide border design.

823 Item of embroidery using advanced skills from the following:

- Silk ribbon embroidery using 5 or more embroidery stitches with silk ribbon. Design may also include embroidery floss.
- Crazy quilt patchwork constructed of irregularly shaped fabric pieces embellished with a combination of ribbon work, specialty thread, embroidery stitches, and/or beadwork creating a finished crazy quilt design.

- 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.
- English smocking, minimum smocked area equivalent to 4 x 6 inches. Design must include at least 5 different smocking stitches.

KNITTING

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

- 824 Small/simple knitted item(s): Items such as a hat, pillow, purse, scarf, belt, doll afghan, or two wash cloths using worsted weight yarn. Solid color or variegated yarn is acceptable. Wash cloths should be made from worsted weight cotton yarn. Items are limited to those that include garter stitch, stockinette stitch, and/or ribbing stitch.
- 825 Knitted Scarf from Novelty Yarn: Knitted scarf created from any novelty/decorative yarn. Scarf must be at least 24" long.
- 826 Larger/simple knitted item(s): Items such as a hat and scarf; pair of mittens; pair of slippers, shawl; or afghan (minimum size equivalent to 36" x 36"). May use yarn other than worsted weight yarn. Two colors and one pattern stitch may be used in addition to garter stitch, stockinette stitch, and/or ribbing stitch.
- 827 Knitted project focused on Shape: Exhibit one item or a pair of items using pick up stitches, multiple color changes (stripes or duplicate stitch), and/or circular knitting. Item must include increase or decrease. May use yarns other than worsted weight yarn. Ideas such as: gloves, hat, mittens, socks, leggings, stuffed toy, skirt, sweater, or vest.
- 828 Knitted project focused on Design: Exhibit one item or a pair of items using charted designs or design your own. Chartist designs may include color changes such as Fair Isle Intarsia, and Mosaic knitting. Original designs must include a copy of directions, notes, and any diagrams used to create the item. Ideas such as: pillow, afghan (minimum size 45-x 60-inches), holiday stocking (minimum 18-inches in length), purse, pair of socks, sweater.
- 829 Knitted project focused on Texture: Exhibit one item or pair of items using charted designs or design your own. Chartist designs must include multiple pattern stitches such as Aran Isle knitting or lace knitting. Knitting with beads is also acceptable. Original designs must include a copy of directions, notes, and any diagrams used to create the item. Ideas such as: cell phone holder, amulet, pillow, afghan (minimum size 45-x 60-inches), holiday stocking (minimum 18-inches in length), purse, pair of socks, sweater.

LACEWORK -- TATTING

Item to which the tatting is attached may be purchased, made by member or by someone else. Judging is based on tatting and quality of workmanship in attaching it to the item.

- 830 One thread tatting: Tatted item or item embellished with tatted edging or tatted motifs using a tatting needle or shuttle and single thread. Item should include rings with picots and double stitches only.
- 831 Two thread tatting: Bookmark, jewelry, tatted embellishment on clothing or other item using size 5 needle or shuttle and 2 appropriate sized threads. Item must include chains and rings with picots and double stitches, may use one or two colors of thread.
- 832 Advanced Tatting: Exhibit one of the following items:

- Item of shuttle tatting using size 20 or 30 tatting thread. Options: Bookmark, jewelry, embellishment on clothing or other item. Item must include chains and rings with picots and double stitches, may use one or two colors of thread.
- Item of needle tatting using size 7 needle and appropriate sized tatting thread. Options: Bookmark, jewelry, embellishment on clothing or other item. Item must include chains and rings with picots and double stitches, may use one or two colors of thread.
- Item using either shuttle or needle tatting with the use of two threads and beads. Options: jewelry, advanced motif as embellishment on clothing or other item.

QUILTING

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

- 833 Quilted Mat (12" x 12" finished size)
Exhibit a 2 x 2 "quilt" made with four six-inch squares. At least two of the 6-inch squares must be patchwork designs in which square and/or rectangle pieces are pieced together (do not include triangle pieces). *Piecing technique: stitch by hand or sewing machine*
Quilting technique: machine tack or hand tie, stitch by hand or use a conventional sewing machine (Do NOT use a long arm quilting machine or hooped embroidery machine.)
- 834 Quilted Runner—machine tacked or hand tied (12" x 36" finished size)
Exhibit a 1 x 3 four-block runner "quilt". Each four-block must include at least two 6-inch square patchwork blocks made with square and/or rectangle pieces (do not include triangle pieces). *Piecing technique: stitch by hand or sewing machine*
Quilting technique: machine tack or hand tie.
- 835 Quilted Runner—quilted by hand or sewing machine (12" x 36" finished size)
Exhibit a 1 x 3 four-block runner "quilt". Each four-block must include at least two 6-inch square patchwork blocks made with square and/or rectangle pieces (do not include triangle pieces). *Piecing technique: stitch by hand or sewing machine*
Quilting technique: stitch by hand or use a conventional sewing machine (Do NOT use a long arm quilting machine or hooped embroidery machine.)
- 836 Hand Quilted Wall Hanging or Small Quilt (36" x 36")
Exhibit a 4 or 9 block quilt or quilted wall hanging. Each block must measure 12 inches by 12 inches for the 4-block version or 9 inches by 9 inches for the 9-block version. Finished project must include appliqué and/or triangle pieces with sashing and/or borders. Finished quilt not to exceed 36 inches by 36 inches. *Piecing technique: stitch by hand or sewing machine*
Quilting technique: stitch by hand using cross hatching, stitching in the ditch, or echo/outline quilting.
Edge finishing technique: Applied binding with mitered corners, hanging sleeve optional.
- 837 Machine Quilted Wall Hanging or Small Quilt (36" x 36")
Exhibit a 4 or 9 block quilt or quilted wall hanging. Each block must measure 12 inches by 12 inches for the 4-block version or 9 inches by 9 inches for the 9-block version. Finished project must include appliqué and/or triangle pieces with sashing and/or borders. Finished quilt not to exceed 36 inches by 36 inches.

Piecing technique: stitched by hand or sewing machine

Quilting technique: stitch using a conventional sewing machine using cross hatching, stitching in the ditch, or echo/outline quilting. (Do NOT use a long arm quilting machine or hooped embroidery machine.)

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

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

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

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

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

4-H FOODS CLASSES

1. Use recipes from 4-H project books.
2. Wrap baked products in a re-closeable zip-type bag to maintain freshness. For pies, the pie pan should fit into the bag. Use of plastic film or aluminum foil to wrap product is discouraged but will not cause the product to be disqualified. To prevent damage, wrapped cakes should be transported in a sturdy container such as a cardboard box. Containers, pie pans, etc. may NOT be returned to the exhibitor.

Cooking 1

839C ¼ of Apple Cake

844 Three Scones: raisins may be substituted for dried cranberries.

845 Three Cornmeal Muffins:

Cooking 2

841 Three Oatmeal Muffins

846 Three pieces of Coffee Cake with Topping:

847 Three Chewy Granola Bars (gluten-free)

848 Three Brownies

849 Three Snickerdoodle Cookies

Cooking 3

842 Three Cheese Muffins

843 Three Rolled Biscuits

Cooking 4

850 Half of one 8" or 9" layer Rich Chocolate Cake (no icing)

851 Half of one 8" or 9" layer Carrot or Zucchini Cake (no icing)

854 Three Cinnamon Twists (no icing)

855 Three Soft Pretzels (Use any one topping).

Cooking 5

- 852 ¼ of a Basic Chiffon Cake
- 853 One whole Double Crust Apple Pie: Leave pie in the disposable pie pan and place all in a zip-type plastic bag. May use spice variation if desired.
- 856 One loaf Oatmeal Bread
- 858 Three one-inch pieces Classic Chocolate Fudge:

Cooking 6 – Outdoor Meals

- 859C One of the grill recipes listed in the project book

Cooking 7 – International Foods

- 860C One of the recipes listed in the project book

Cooking 8 – Teens Entertain

- 861C Prepare one dish that can be included in the menu for an event or occasion you plan to cater. Select a product that can be prepared in advance and does not require refrigeration. Prepare a sample of the product (2 servings). On an 8.5” X 11” paper attach the recipe used, a description of the type of occasion being catered, and a menu of all foods to be served at the event.

Cooking 9

- 857 One loaf Honey Whole Wheat Bread made in a bread machine: May be a 1-pound, 1 ½, or 2 pound loaf.
- 862C One other item listed in project book.

4-H FOOD PRESERVATION

1. Recipes: Entries are to be made using recipes found in the **2017 4-H Fair Recipe Book** at <http://4-h.ca.uky.edu/content/food-and-nutrition>. A 4-H canning label must be attached to each jar.
2. Canned entries must be prepared from raw produce.
3. Re-canning of commercially processed foods is not permitted.
4. Helpful Information for the following classes can be found on the USDA Complete Guide to Home Canning at http://nchfp.uga.edu/publications/publications_usda.html.
5. Jars not processed by the correct method will not be judged. Open kettle processing is not acceptable for any product.
6. 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 or awarded a premium.
7. Two-piece screw bands and lids specifically designed for home canning should be left on containers.
8. Judges will open the jar for judging purposes. Do NOT eat contents of containers upon return.

- 861 Dried Apples: 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.
- 862 Salsa: (pint jar or smaller) canned using a boiling water canner. The USDA recommended headspace for salsa is ½ inch.
- 863 Dill Pickles: (pint jar or smaller), canned using a boiling water canner: The USDA recommended headspace for pickles: ½ inch.
- 864 Strawberry Jam: (half pint or smaller jar), canned using a boiling water canner. The USDA recommended headspace for jam is ¼ inch. Refrigerator and freezer jams are not appropriate for this class.
- 865 Green Beans: (One pint), canned using a pressure canner. Beans may be ‘raw packed’ or ‘hot packed’. The USDA recommended headspace for green beans is 1 inch.

4-H HOME ENVIRONMENT

1. The following classes require documentation: 893, 894, 897-913. Write the member’s name, county, and class number on the front of the sheet, folder or notebook of documentation.
2. Wall hangings, bulletin and pin-up boards must be ready to hang with appropriate hardware attached.
3. Refinished item refers to an item already in use that has been given a new finish using paint or some type of seal.

Unit I: Exploring Your Home

- 887 Color Collage - 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 - 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. Apply a clear finish such as tung oil, penetrating seal or polyurethane which does not include stain to a small wood object such as a bowl, tray, cutting board, board game or box. A transparent finish allows the wood grain to show through. Judging emphasis will be on how well the object is prepared for the finish and how well the finish has been applied, not the construction of the wood object. The wood object may be made by the member, made by someone else, purchased or found. Items that are stained or finished with paint do not fit in this class.
- 890 Simple cloth item for the home. 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 Decorated Wastebasket
- 892 Bulletin board

Unit II: Living with Others

- 893 Decorative item created by the member for the home and photo showing how the item fits into the home’s décor.

- 894 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.
- 895 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 hemmed curtains. Unacceptable: purses, tote bags, backpacks, duffle bags.
- 896 Invitation and thank you letter/note—Design an invitation and thank you letter/note for a sleepover, birthday party or other occasion of your choice. 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.)

Unit III: Where I Live

- 897 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.
- 898 Individual place (table) setting: This exhibit is to be made up of two parts: 1) one individual place setting appropriate to a theme or event chosen by the 4-H member and 2) a color photo or diagram of the place setting showing how it should be arranged. 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. 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.
- 899 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.
- 900 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: In My Home

- 901 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.
- 902 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.
- 903 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.
- 904 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.

Self-Directed ADVANCED 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.

- 905 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.**
- 906 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.

- 907 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.
- 908 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.

4-H LEADERSHIP & COMMUNICATIONS PROJECT

1. Exhibits MUST correspond to a project or activity from the Leadership and/or Communications project books.
 2. Only pages relevant to project are needed. Additional pages are allowed but will not be judged.
 3. Inside, clearly indicate the pages that are to be judged.
 4. **THIS IS NOT A GENERAL SCRAPBOOKING CATEGORY.** (For scrapbooking, see class 745/746) The scrapbook format is a method of recording the Leadership and/or Communications experiences of youth who participate in these project areas.
 5. Exhibit must be in an 8 ½" x 11" or 12" x 12" notebook or scrapbook format. Format will allow a Leadership or Communication Portfolio to be developed and kept over multiple years.
 6. The Leadership and/or Communications Project should contain the following:
 - a. 2 or more photos on each page;
 - b. Each photo should be explained with 2-3 sentence captions ;
 - c. 1-2 paragraphs of narrative on one of the pages;
 - d. No additional pages of narrative are needed
 7. Photos can be taken by the 4-Her or another person. The pictures should clearly address the Leadership or Communication project that is selected. Pictures may be cropped as desired.
- 925 Junior Communication Scrapbook Display – 2 pages based on an activity, program or project from the 4-H Communications Curriculum.
- 926 Senior Communication Scrapbook Display –4 pages based on an activity, program or project from the 4-H Communications Curriculum.
- 927 Senior Division: Resume – one-page resume using Microsoft Word.
- 928 Junior Leadership Scrapbook Display - 2 pages based on an activity, program or project from the 4-H Leadership Curriculum.

- 929 Senior Leadership Scrapbook Display - 4 pages based on an activity, program or project from the 4-H Leadership Curriculum.
- 930 4-H Club Scrapbook – Using pictures and captions tell about your 4-H Club’s year focusing on leadership, communications and community service activities. (No limit on number of pages.)

4-H CLOVER TRENDS & TRADITIONS CLASSES

Clover Photography

1. Exhibit is limited to a single photograph.
 2. Subject of photograph must include 4-leaf clover.
 3. 4-leaf clover may be real or created.
 4. Photograph may be color or black and white.
 5. Maximum photograph size 8” X 12”.
 6. The 4-H identification tag should be located in the bottom right hand corner.
 7. All photography classes with one photograph must be mounted on 10”x 16” MAT BOARD.
 8. Each picture must be mounted securely. Rubber cement or dry mounting tissue is recommended. Do not use photo mounting corners.
- 1010 Junior Clover Photograph
- 1011 Senior Clover Photograph

Historical 4-H Poster

1. Judging criteria will be based on implementation of the 4-H theme, 4-H historical content, poster design (lettering, attractiveness, how well it conveys the message), as well as the effectiveness of the poster to promote 4-H.
 2. Exhibit must be completed on a standard full size foam core board.
 3. Posters may not include items or embellishments that make the poster 3-dimensional.
 4. Any use of the 4-H Clover must adhere to the standards and guidelines of the registered 4-H clover.
 5. Any color foam core board is acceptable.
 6. No foam board permitted.
- 1040 Junior Historical 4-H Poster
- 1041 Senior Historical 4-H Poster

Upcycling Project

Upcycling is taking something that you are throwing away and making it into something that maintains or improves the quality of the materials. Examples: 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.

- 1050 Junior Upcycling Project
- 1051 Senior Upcycling Project

Cake Decorating

1. Entry consists of a decorated (Styrofoam) cake.
2. Styrofoam MUST be the base for the decorating. Real cakes will NOT be accepted.
3. Judging is based on decoration only not taste.

4. Exhibit is not limited to a color or design.
 5. Refrigeration will NOT be provided.
 6. Exhibit must be limited in size to no taller than 24” and no more than ½ sheet board.
 7. Cakes may be returned based on the condition at the end of the fair.
- 1060 Junior 4-H Cake Decorating (Cake must include the 4-H Clover either in design or decoration)
- 1061 Senior 4-H Cake Decorating (Cake must include the 4-H Clover either in design or decoration)
- 1062 Junior General Cake Decorating
- 1063 Senior General Cake Decorating

Cup Cakes

1. Entry consists of a decorated (Styrofoam) cake.
 2. Styrofoam MUST be the base for the decorating. Real cakes will NOT be accepted.
 3. Judging is based on decoration only not taste.
 4. Exhibit is not limited to a color or design.
 5. Refrigeration will NOT be provided.
 6. Exhibit must be limited to two cupcakes.
 7. Cakes may be returned based on condition at the end of the fair.
 8. 4-H identification cards must be attached to bottom right hand corner of sheet board.
- 1070 Junior 4-H Cup Cake Decorating
- 1071 Senior 4-H Cup Cake Decorating
- 1072 Junior General 4-H Cup Cake Decorating
- 1073 Senior General Cup Cake Decorating

The Carter County Fair Board, Carter County Extension Service, and the Carter County 4-H Council are not responsible for lost or damaged items.