

FREE PROJECT BOOK FORM



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service
 4-H Youth Development

Name: _____

School: _____

Teacher: _____

Grade: _____

REMINDER: Orders for FREE books are to be mailed by
SEPTEMBER 8th to:
Johnson County 4-H Project
826 F.M. Stafford Ave.
Paintsville, Ky 41240

PLEASE CIRCLE THE BOOK YOU WOULD
LIKE TO SELECT

WOODWORKING

Unit 1 Unit 2 Unit 3

GEOLOGY

Unit 1

CROPS -For State Fair Only - not for school projects

Hay	Tomato
Honey Extraction	Beans
Corn	Cabbage
Watermelon	Canteloupe
Pumpkin	

HORTICULTURE

Terrariums
Dish Gardens

FORESTRY

Leaf Collection

TRENDS - UPCYCLE/RECYCLE 1050 Junior 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, an old travel case made into a clock. The designs will be judged on quality, use, and creativity.

ARTS

PAINTING Portfolio Pathways

727a. Junior Acrylic Still Life: (pg.12) Using acrylic paint to create a Still Life.

728a. Junior Water Color: (pg.14) Using watercolors and a variety of techniques to complete a painting on watercolor paper.

729a. Junior Abstract: (pg.18) Using acrylic paints experiment with abstract designs to complete a painting.

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.

731a. Junior Self Portrait: (pg.22) Using acrylic or watercolor paints. Complete a self- portrait using any drawing or painting technique.

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.

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.

734a. Junior Oil Landscape: (pg.30) On a 16"x18" stretched and primed canvas, canvas board or sheet of Masonite coated in gesso. Lay out a one -point landscape perspective drawing and use oil paints to show atmosphere and distance.

ARTS Continued.....

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.
- 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.
- 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.
- 738a. Junior Wax Resist Print:** (pg.44) Create intricate designs for printing using a wax resist method.
- 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.
- 740a Junior Linoleum Print:** (pg.48) Create linoleum print using linoleum block on paper.
- 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.

GRAPHIC DESIGN

- 743a. Junior 5 Color Design:** (pg.62-63) Create (2) two 8"x 10" in. landscapes. 5 color designs are identical except for (1) one color. Change (1) one color to create a second design. Use paint, paper or computer graphics program. Mount on a matt board.
- 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.

FIBER ARTS

- 752a. Junior Felted Wool Applique Mat:** (pg31) Felt wool to create a design. Applique design to a felted wool mat. Max size of mat 18" x 24" in. Use 100% wool to felt.
- 753a. Junior Cotton Linter Bowl:** (pg. 34) Experiment with cotton linter using molds and shaping the linter to form bowls. Enhance cotton with colored pencils, threads, floss, dried flowers to make unique creation.
- 754a. Junior Batik Fabric:** (pg.37) Using natural fiber fabric. Create a unique fiber artwork using dyes and the wax resist method.
- 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.
- 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.

SCULPTING

- 757a. Junior Clay Container:** (pg.55) Create functional container from clay- self-hardening or firing required.
- 758a. Junior Clay Bust:** (pg.57) Sculpt a head with facial features out of clay.
- 759a. Junior Mask:** (pg.61) Create a mask using clay emphasizing unique form and texture to portray feelings.
- 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.
- 761a. Junior Flower Wire Sculpture:** (pg.67) Using wire and nylon cloth create a freestanding flower sculpture.
- 762a. Junior Plaster of Paris Carving:** (pg.69) Using a plaster of paris block, carve a form that has a concave and convex surface and allows space to flow around and through it.

HOME ENVIRONMENT

UNIT I EXHIBITS from Exploring Your Home project book

- 887 Color Collage** (pp. 7-8, activity 3): A collage of color created by the member to depict colors liked by the member. A collage is made up of a collection of objects (such as paper, fabric, wrapping paper, wallpaper, carpet, etc) artistically arranged and adhered to mat board or foam core board.
- 888 Texture Collage** (pp. 8-9, see activities 1 & 2): A collection of textured items or rubbings of textured items score board. artistically arranged and adhered to mat board or foam
- 889 Transparent finish applied to small wood object** (pp. 13-14): Apply a clear finish such as tung oil, penetrating seal or polyurethane which does not include stain to a small wood object such as a bowl, tray, cutting board, board game or box. A transparent finish allows the wood grain to show through. Judging emphasis will be on how well the object is prepared for the finish and how well the finish has been applied, not the construction of the wood object. The wood object may be made by the member, made by someone else, purchased or found. Items that are stained or finished with paint do not fit in this class.
- 890 Simple cloth item for the home** (Sewing machine may be used but is not required): Examples: decorative pillow, tablecloth, laundry bag, place mats; footstool with a seat made of woven fabric; fabric applied to an item such as a box, plate, or lampshade. Unacceptable: purses, tote bags, backpacks
- 891 Wastebasket** (pp. 10-12) decorated by member
- 892 Bulletin board** (if it is to be hung on a wall, it must be ready to hang with appropriate hardware attached.)

Unit II EXHIBITS from Living with Others project book

- 893 Decorative item for the home & photo:** decorative item created by the member as part of a 4-H Home Environment Project. Include a photo showing how the item fits into the home's décor.
- 894 Simple wood item refinished by the 4-H member** (pp. 14-15): Item should have straight lines with no elaborate carvings or turnings. (The idea is to learn how to apply a new finish such as paint, stain, varnish, polyurethane, etc. to a simple wooden furnishing that's already in use.) Documentation is to include a "before" photo with explanation of how the item was refinished must be securely attached. Examples: refinished footstool, children's furniture, small box, tray, picture frame, bookshelves, and plant stand.
- 895 Cloth item for the home created using a sewing machine** (Unit II, p. 12-14): Example: 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.
- 896 Invitation and thank you letter/note:** Design an invitation and thank you letter/note for a sleepover, birthday party or other occasion of your choice. (p. 6-7) Cards/letters may be created with computer software or handwritten. Decorations on the cards/letters may be member's original artwork, computer-generated art, purchased or found decorative items. The message written in the card or letter is more important than the decorations. Write your name and county on the back of each card/letter and place each card/letter in a plastic sheet protector. (For the fair, it is best to use a fictitious address and contact information on the invitation or thank you.)

Unit III EXHIBITS from Where I Live project book.

- 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/color used in the home. Examples: stitchery or appliqué wall hanging, latch hook items, pillow with applied design

Unit III EXHIBITS from Where I Live project book continued.....

898 Individual place (table) setting: This exhibit is to be made up of two parts: 1) one individual place setting appropriate to a theme or event chosen by the 4-H member and 2) a color photo or diagram of the place setting showing how it should be arranged. (pp. 11-13) Include plate, beverage container (s), placemat, and napkin. Additional decorative item(s) are optional. All items that make up the place setting are to fit on the surface of the placemat. Flatware (knife, fork and spoon) must be included in the photo/diagram showing how all the items are arranged, but do NOT send flatware to the state fair. To insure that all pieces get returned to the member, write the name and county of the exhibitor on tape and place it on every part of the table setting in a location hidden to the public when exhibited at the fair.

899 Piece of furniture refinished (stripped, sanded, and painted or stained/sealed) by the 4-H member (pp. 16-20): 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 (p. 20): This exhibit is to be made up of two parts: 1) the accessory and 2) a sheet or folder of documentation. Documentation is to include a "before" photo; an explanation of how the item was made useful again in a new way; materials used, cost and time involved in project. Examples: old silverware flattened and made into wind chimes; scrap wood pieces made into wall art; old lace doily attached to a pillow or framed; old tool box cleaned up and made into a TV stand.

Unit IV EXHIBITS from In My Home project book

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.

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 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.

SEWING

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

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

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

790 Unit I Non Clothing Option: 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. This class is for ages 9-13.

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

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

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

792 Unit II Non Clothing Option: Zippered tote bag, purse, garment bag, or 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 are acceptable fabric choices but use is not required.) 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. This class is for youth ages 9-13

NEEDLEWORK

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

HAND EMBROIDERY

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 5x7" 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.

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. Items made on a knitting machine or looms do not fit in this class.

825 Knitted Scarf from Novelty Yarn: Knitted scarf created from any novelty/decorative yarn. Scarf must be at least 24" long. Items made on a knitting machine or looms do not fit in this class.

826 Larger/simple knitted item(s): Items such as a 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. Items made on a knitting machine or looms do not fit in this class.

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.

QUILTING continued.....

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.

