

MONDAY AFTERNOON, JULY 1, 2013 - 12 NOON - 4 P.M.
TUESDAY MORNING / AFTERNOON, JULY 2, 2013 - 10 A.M. - 6 P.M.

DIVISION A - 4-H ECOLOGY & NATURAL RESOURCES



4-H ECOLOGY & NATURAL RESOURCES - DIVISION A

Committee: Tony Belcher, Chairperson

***900. First year project** – (Up to three 9"x13" official cardboard boxes, or up to two 18"x24" 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.)

***901. Second year project** – (Up to three 9"x13" official cardboard boxes, or up to two 18"x24" 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.

***902. Third year project** – (Three 9"x13" official cardboard boxes, or two 18"x24" wooden boxes, with a minimum of 10 orders and 100 insects, a maximum of 150 insects.)

***903. Fourth year project** – (Three 9"x13" official cardboard boxes, or two 18"x24" wooden boxes, with minimum of 12 orders and 150 insects, no maximum). An additional 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.

***904. 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 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-Hers are encouraged to write a short (1 or 2 paragraphs) statement developing the theme of their fifth year display.

905. Miscellaneous – (Ecology & Natural Resources)

Any class with an asterisk () on the left hand side is eligible to go on to the Kentucky State Fair.*

TUESDAY MORNING / AFTERNOON, JULY 2, 2013 - 10 A.M. - 6 P.M.

DIVISION A - 4-H FOODS



4-H FOODS - DIVISION A

Committee: Carol Alcorn, Chairperson; Sherry Eldridge

Rules:

- A. All entries must be on a paper plate and in ziplock bag. Cake may be covered with plastic wrap and on cake plate.
- B. Recipes for state fair eligible categories (marked with an *) available at the Extension Office.

Level A:

Use recipes in Six Easy Bites Project Book or recipe specified below:

- *1000. Three Colossal cookies (pg. 34) (size of cookies: cookies may be ¼ cup portions as specified in the recipe or 1/8 cup portions which produce smaller cookies) (nuts may be left out)
- *1001. Three brownies using recipe on p. 22 (make each brownie a 2" square-no corner pieces)
- *1002. Three chocolate chip muffins (pg. 36) (use recipe at www.Kentucky4-H.org under "State Fair Recipes.")
- *1003. Three 1"x2" granola bars (pg. 14)
- *1004. Three cornmeal muffins (use recipe at www.Kentucky4-H.org under "State Fair Recipes")

Level B:

Use recipes in Tasty Tidbits Project Book or recipe specified below:

- *1005. One 8" round layer chocolate cake, made with oil, no icing (pg. 32)
- *1006. Three pretzels (may be rolled, twisted, or curved) (pg. 34)
- *1007. Three rolled baking powder biscuits (pg. 38) (Do not use the Australian biscuit recipe.) Use 2" cutter.
- *1008. Three scones-may substitute raisins for cranberries (use recipe at www.Kentucky4-H.org under "State Fair Recipes".)
- *1009. Three whole wheat muffins or bran muffins (use recipe at www.Kentucky4-H.org under "State Fair Recipes".)

Level C:

Use recipes in You're the Chef Project Book or recipe specified below:

- *1010. One-half loaf banana bread (pg. 18)
- *1011. One yeast bread product creatively shaped into an object such as a teddy bear, flower, animal, toy, etc. (use recipe at www.Kentucky4-H.org under "State Fair Recipes")
- *1012. Three breadsticks (not twisted) (pg. 34)
- *1013. Three whole wheat yeast rolls (use recipe at www.Kentucky4-H.org under "State Fair Recipes".)

Level D:

Use recipes in Foodworks Project Book or recipe specified below:

- *1014. One whole, double crust apple pie (pg. 32) Leave pie in the disposable pie pan and place all in a zip-type plastic bag.)
- *1015. One-half apple cake (use recipe at www.Kentucky4-H.org under "State Fair Recipes")
- *1016. Prepare one dish which can be included in the menu for an event or occasion you plan to cater (pg. 46-47, Level D: Foodworks project book). Select a product which can be prepared in advance and does not require refrigeration. For the fair, prepare a sample of the product (2 servings is enough) and place it in a re-closeable, zip-type bag. 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. Write this information on 8.5"x11" paper and attach it to the sample.
- *1017. Two brownies using the original recipe and two brownies altered to make a healthier product (use the recipes at www.Kentucky4-H.org, under "State Fair Recipes"). Make one batch of brownies using the original recipe. Make a second batch of brownies using one of the altered recipes. Make brownies 2" squares. Label the bag of brownies made by the original recipe as "Original" and the bag of those made from the altered recipe as "Altered-Moderate Fat" or "Altered-Low Fat". Use the Altered Brownie Comparison Report (available at http://www2.ca.uky.edu/4-h/family-consumer-science/food-nutrition or ask county 4-H Agent for a copy) to analyze the brownies Place the two bags of brownies into a larger re-closeable bag, insert the comparison report and close the bag.

Other Baking

- 1018. ½ cake – iced
- 1019. Decorated cake
- 1020. Plate of 3-2" square cornbread
- 1021. Plate of 3 sweet muffins with fruit
- 1022. 3 pieces of peanut butter candy
- 1023. 3 pieces of chocolate candy
- 1024. Loaf of sweet bread (nut or fruit)
- 1025. ½ quick bread loaf (fruit)
- 1026. ½ quick bread loaf (zucchini)
- 1027. ½ loaf yeast breads for entertaining (fancy shapes, cheese bread, pull-apart bread)

Plate of 3:

- 1028. Sugar Cookies
- 1029. Peanut Butter Cookies
- 1030. Chocolate Chip Cookies
- 1031. Chocolate No-Bake Cookies
- 1032. Oatmeal Cookies
- 1033. Other Cookies
- 1034. Miscellaneous Baked Items
- 1035. Food Photography



DIVISION A - 4-H FORESTRY AND 4-H GEOLOGY

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4-H FORESTRY - DIVISION A

Committee: Tony Belcher, Chairperson

Level 1

*1100. Leaf Collections – Collection of 10 leaves representing 10 forest trees found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project" Unit I – Introducing Yourself to Trees (4DF-01PA or most recent version) and Activity #1 is to be followed.

*1101. Leaf Print Collection – Collect and print 10 leaves representing 10 forest trees found in Kentucky. Instructions in the forestry book, "4-H Forestry Project" Unit I – Introducing Yourself to Trees (4DF-01PA or most recent version) and Activity #3 is to be followed.

Level 2

*1102. Leaf Collection – 2nd Year - Collection of 20 leaves representing 20 forest trees and different from ones done by same exhibitor in first year project found in Kentucky. Mounting instructions in the forestry book, "4-H Forestry Project" Unit I – Introducing Yourself to Trees" (4DF-01PA or most recent version) and Activity #1 is to be followed.

*1103. 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'x2', or four (4) square feet.

Level 3 and Over

*1104. 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 3'x3', or nine (9) square foot.

*1105. Stem, Leaf, Fruit Display – Collect and mount 5 stems, leaves and fruit representing 5 forest trees found in Kentucky. Follow closely the instructions in the forestry book, "4-H Forestry Project Unit I – Introducing Yourself to Trees" (4DF-01PA or most recent version) Activity #2 is to be followed, including the 2'x3' exact size.

1106. Miscellaneous

4-H GEOLOGY - DIVISION A

Committee: Tony Belcher, Chairperson

*1200. Fossils – a collection of 15 fossils. (Up to a maximum of 20 will be accepted.) May be completed by a 4-Her regardless of what year in geology project, but must include different fossils each year.

*1201. First year geology – consisting of 15 different specimens.

*1202. Second year geology – consisting of 25 different specimens. (Up to 12 may be from previous project year) (No more than 2 boxes)

*1203. Third year geology – consisting of 35 different specimens. (Up to 17 may be from previous project year) (No more than 2 boxes)

*1204. Fourth year geology – consisting of 50 different specimens. (Up to 25 may be from previous project year) (No more than 2 boxes)

*1205. 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.

1206. Miscellaneous

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