

for what it contains. Approximate size not larger than 12 inches x15 inches x10 inches. All items in kit must be safe for child to handle. Most importantly the kit should serve a defined purpose, not just be a catch all for several items.

Information sheet for Class C200008 should include:

- 1) State which **ONE** age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
- 2) What are children this age like? Give 2 examples to show how the kit would be appropriate for children this age.
- 3) What will the child learn or what skills will they gain by using the kit?
- 4) What item(s) were made by the 4-H member?

4-H'ers taking any of the projects in Department C-200 may enter:

PREMIUMS: Purple, \$4.00; Blue, \$3.00; Red, \$2.00; and White, \$1.00

C200009 **Family Involvement Entry – Scoresheet SF115**

Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or feed bunk. Items may be exhibited if desired. Other possibilities include a house or farm clean-up project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project. Photographs are encouraged. Visuals should show family participation. Participation by all family members is important. Include a list of family members and what each person did to participate in the event.

4-H'ers taking **Growing All Together** (2 or 3) may enter:

C200010 **Growing With Others Scrapbook or Poster – Scoresheet SF115**

Examples: How to decide if it's time you can be home alone, and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests.

C200011 **Growing in Communities Scrapbook or Poster – Scoresheet SF115**

Examples: A career study. A photo story about your own growth and development, not only physically but emotionally, socially, spiritually, mentally. A television evaluation (see project manual). How you have overcome obstacles. Friendships. A community profile. A community service project. Working with parents. Teaching experiences. Understanding discipline. Playground safety check.

ENTOMOLOGY

Entomology exhibits give 4-H'ers the opportunity to demonstrate their knowledge about insects and insect displays. This category has multiple projects that allows 4-H'ers to progress over numerous years. For help getting started with this project, contact your extension office.

RULES:

- Specimens in display collections should be mounted properly and labeled with location, date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual.
- Boxes are preferred to be 12 inches high x 18 inches wide and landscape orientation, so they fit in display racks. Purchase of commercially made boxes is allowed.
- All specimens are to be pinned and labeled by the exhibitor. No purchased specimens allowed.
- No projects over 50 pounds allowed.

All 4-H members are limited to one (1) exhibit per entry number and four (4) exhibits per project.

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Exhibitors may, and should, correct and update collections for competition at the State Fair.

Premier 4-H Science Award is available in this area. Please see General Information for more details.

Scoresheets and additional resources can be found at <https://go.unl.edu/ne4hentomology>

ENTOMOLOGY, CLASSES

PREMIUMS: Purple, \$4.00; Blue, \$3.00; Red, \$2.00; and White, \$1.00

H800001 **Entomology Display - First Year Project (Scoresheet SF186)**

Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit of one box.

PREMIUMS: Purple, \$4.00; Blue, \$3.00; Red, \$2.00; and White, \$1.00

H800002 **Entomology Display - Second Year Project (Scoresheet SF186)**

Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit 2 boxes.

PREMIUMS: Purple, \$5.00; Blue, \$4.00; Red, \$3.00; and White, \$2.00

H800003 **Entomology Display - Third Year or More Project (Scoresheet SF186)**

Collection to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of previous year. Limit of 3 boxes.

PREMIUMS: Purple, \$5.00; Blue, \$4.00; Red, \$3.00; and White, \$2.00

H800004 **Special Interest or Advanced Insect Display (Scoresheet SF187)**

Educational display developed according to personal interests and/or advanced identification capability. This also is an opportunity to highlight favorite insects in a creative arrangement. Insects should conform to pinning and mounting standards as in classes 1-3 and be protected in an insect box. Each specialty display should include names of the insects, interesting information about them, and why the display was made. Advanced identification collections should have insects grouped with labels that correspond with identification level (e.g. family, genus, species). A specialty collection may consist of insects by taxonomic group (e.g. butterflies, grasshoppers, dragonflies, scarab beetles) or by host, subject or habitat (e.g. insect pests of corn, aquatic insects, insect mimicry, insect galls, insect from goldenrod, insect pollinators, etc.)

PREMIUMS: Purple, \$4.00; Blue, \$3.00; Red, \$2.00; and White, \$1.00

H800005 **Insect Habitats (Scoresheet SF188)**

Habitats consist of any hand-crafted objects, made of natural or artificial materials to be placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. **A one-page report describing activities must accompany the exhibit. Report should include placement, target insect, why materials were chosen, functional design, and indicators of success.** See the following resources for reports:

- Nebraska Extension NebGuide: Creating a Solitary Bee Hotel (G2256)
- University of Minnesota: Wild Bees and Building Wild Bee Houses
- National Wildlife Federation: How to Provide Water in Monarch Gardens

PREMIUMS: Purple, \$4.00; Blue, \$3.00; Red, \$2.00; and White, \$1.00

H800006 **Macrophotography (Scoresheet SF189)**

Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints should be either 8 inches x 10 inches or 8½ inches x 11 inches and mounted on rigid, black 11 inches x 14 inches poster or mat board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences should explain the subject and be printed on white paper and glued below the print on the poster board.

PREMIUMS: Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

H800007 **Insect Poster/Display Exhibits (Scoresheet SF190)**

Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22 inches x 28 inches. They should be instructional and can be attractive and have pictures, drawings, charts, or graphs. Posters and displays may show

an aspect of insect life, habitat, or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn, or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models or decorative boxes should have a page of explanatory information accompanying them and fit within a 22 inches x 28 inches area.

PREMIUMS: Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

H800008 **Reports or Journals (Scoresheet SF191)**

Reports and journals should be in a 3-ring binder. A report may be informational, that is, an original article about a favorite insect, a history of insect outbreaks, diseases caused by insects, insects as food, etc. OR, it may be a research report about an investigation or experiment done in a scientific manner. It then should have a basic introduction of the insect studied, methods used, observations, and results of the project. Tables, graphs and images are helpful to include. A journal is an observational study over a period of time with personal impressions. It may cover watching changes in kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a beehive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden etc.

H800901 County Only Exhibit (**Scoresheet**)

FORESTRY

This category provides 4-H'ers an opportunity to prepare displays that shows their expertise in many aspects of forestry. Involvement in this category will lead to expansion of seed, twig, wood, leaf, and tree knowledge for 4-H'ers. In addition, participants would learn more about common Nebraskan trees. For more information about tree classification visit this website http://4hcurriculum.unl.edu/index.php/main/program_project/65.

All 4-H members are limited to one (1) exhibit per entry number and four (4) exhibits per project.

RULES:

1. The official reference for all forestry projects is the Tree Identification Manual (4-H332) which was recently revised and is available for purchase from the Extension Office or from UNL Marketplace <https://marketplace.unl.edu/ne4h/4h332.html>. Other helpful forestry references include Trees of Nebraska (EC92-1774X), Leafing Out (4-H431), and Plant a Tree (EC 17-11-80).
2. Display "boards" must be made from wood or wood composite, e.g., plywood, fiberboard, or masonite, ¼ inch to ½ inch thick and no larger than 24 inches x 24 inches. Display boards may be coated, e.g., painted or varnished, on both sides to prevent warping.
3. Display "posters" must be made from a material, e.g. foam board or poster-board, that will stand upright without buckling, and be no larger than 24 inches x 24 inches.
4. Display "books" must measure no more than 16 inches x 16 inches.
5. At least 5 of the 10 samples in Class 2, 3, 4, and 5, must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species. For example, Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e. *Acer platanoides*. All samples must be from trees, NO shrubs. If more than 10 samples are included in a display, only the first 10 samples of the current year will be judged.
6. Due to emerald ash borer infestation, no true ash species (Green Ash, White Ash, Black Ash, or Blue Ash) may be included in any collections. Inclusion of a true ash species will result of the project being disqualified.
7. Remember that other general labeling standards apply. For example, scientific names are always italicized or underlined. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g. Norway Maple) even when "variety names" are included. For example, the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.
8. How well the exhibitor follows written directions is an important factor in judging.