

<p style="text-align:center">SECTION 018 ENVIRONMENTAL EDUCATION</p>
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***PROJECT RECORD SHEETS REQUIRED FOR YOUTH BUILDING ENTRIES.**

A General Project Record or Cloverbud Project Record and an Exhibit Tag **must** accompany each exhibit entered in the Youth Building. A copy of the General Project Record and Cloverbud Project Record is enclosed in the fair book. Additional copies of the Project Records can be found in past issues of the 4-H Leaders' Digest, our web site at www.ccedelaware.org or by visiting or calling the 4-H office.

Fair book classes that required a 3" x 5" index card attached to an entry in the past is no longer required. The Project Record Sheet will take the index card's place.

Exhibits showing processes, products, skill development, and relevance to environmental/natural resource issues are strongly encouraged. Overly simplistic or non-interpretive exhibits will receive less recognition. Exhibits will be evaluated on the basis of their content, quality of expression and presentation. Creativity is encouraged as is display of materials showing observational skills, e.g. journals or sketchbooks. Age, experience and standards listed in appropriate 4-H publications will be included in the judging criteria.

ENVIRONMENTAL EDUCATION

Class No.

- 2326 **Nature Trails.** Display of 4-H constructed nature trail or observation made along another nature trail.
- 2327 **Geology.** Simple collections must include the specimen's names, dates of collection, specific sites of collection (distance and direction of nearest town, county, state or province) and collector's name for 15 specimens. Inclusion of field journals is strongly encouraged and identification criteria must be completely and clearly defined. Exhibits showing evolutionary histories, adaptations of fossil organisms, vertical or horizontal studies of strata, or similar studies are encouraged.
- 2328 **Field Identification Projects.** *Please note that wildflowers are evaluated in Horticulture/Section 21; Fungi in Vegetable/Section 15; and Insects in Entomology/Section 16.*
Collections of preserved specimens, photographs or sketches properly labeled and showing identification criteria may be displayed for any habitat in New York. Consult your local Department of Environmental Conservation for guidelines and permission in collecting specimens from the wild. Consult *Field Guides Made Easy* for additional activities and ideas. County, or self-initiated projects that relate to environmental education. Examples include but are not limited to: interpretation of aerial photographs; vegetation maps, plant adaptations; demonstrations of ecological principles; or computer models like GIS. Transfer of display ideas and concepts from other project areas is encouraged.

FISHERIES AND AQUATIC RESOURCES

- 2329 **Fisheries and Aquatic Resources.** Exhibits may be displays or records of any Fisheries and Aquatic Resources related activity including but not limited to fishing techniques, aquatic sampling methods, aquatic insect ecology, habitat improvement of fisheries management and biology. Other fishing project may be found in 4-H Publications.
Water Monitoring – Project ideas may be found in *Water Worlds, Water Wise, Pond & Stream Safari*.
County or self-initiated projects related to fish or fishing, including mariculture, aquaculture, commercial fisheries, sport fisheries or related equipment, skills or observations.

FORESTRY

- 2330 **Forestry.** Displays and presentations may be based upon, but are not limited to, the following projects:
Know Your Trees, Timber Management for Small Woodlands; Wildlife and Timber from Private Lands; A Landowners Guide to Planning; Woods of New York Trees; Dead or Alive, Know Your Trees Diseases, Maple Syrup Production for the Beginner; and other forestry exhibits based upon national, regional, county or self-initiated projects.

RESOURCE BASED RECREATION

- 2331 **Shooting Sports.** Any exhibit or record based upon content of the NYS Shooting Sports Programs or any of the NYS DEC certification program.
- 2332 **Other Outdoor Recreation.** Exhibits based upon related outdoor recreation activities, e.g. orienteering, cross-country skiing, snowshoeing, wilderness camping, or outdoor cookery.

WILDLIFE

- 2333 **Bird Study.** Consult *Bluebirds of New York*; *Birds of Prey*; *Introduction to Bird Study*; or any other bird materials for exhibit ideas. Bluebird houses will be judged using the criteria from *Bluebirds of New York. Please note, if a birdhouse is completed as a Wood Science project, it should be entered in Science, Technology & Engineering/Section 20.*
- 2334 **Habitat Improvement.** Consult *Wildlife Habitat Enhancement, Enhancement of Wildlife on Private Land, Managing Small Woodlots for Wildlife* for exhibit ideas.
- 2235 **Trapping Furbearers.** Exhibits based upon the NYS DEC Trapper Training Program are acceptable, as are displays of equipment, pelt preparation, and discussions of the role of trapping in wildlife management.
- 2236 **Other Wildlife Projects.** Exhibits based upon New York's wildlife resources, *Environmental Awareness: Wildlife, Managing Small Woodlots for Wildlife; Wildlife Discovery; New York's Wildlife Resources (fact sheets); and Wildlife In Today's Landscapes.* County projects or self-initiated projects are acceptable.

SOLID WASTE

- 2337 **Solid Waste.** Exhibits based on recycling or composting projects in the home or community. Clothing, crafts and other items created using post-consumer waste materials. Consult *Composting: Wastes to Resources; Wastewise: Woodsy's Resource Goldmine; Recycling In Your School Makes Good Sense; or Recycling: Mining Resources From Trash; or Composting in the Classroom* for exhibit ideas.
- 2336 **Open Class.** Any other approved 4-H project made as a part of a related 4-H project that does not fit any other class.