

SOIL & WATER SCIENCE

STATE FAIR ENTRY: Yes – one per each of the 3 levels.

EXHIBIT BY: Grade. All * items must come to project judging.

Division	Project Book	Record Book
Level 1 (grades 3- 5)	4-H-1027*	4-H-1027*
Level 2 (grades 6 – 8)	4-H-1028-W*	4-H-1028-W*
Level 3 (grades 9 – 12)	4-H-1029-W*	4-H-1029-W*
NOTE: 4-H'ers are required to do 3 activities in the project book from 3 different units.		



JUDGING TIME: Thursday, **July 15** at 9:00 a.m. Check in your project on Thursday, **July 15** between 7:30 and 8:45 a.m.

PROJECT DESCRIPTION:

In Soil and Water Science, 4-H'ers will experience: a) the basic physical properties of soil; b) the inhabitants of the soil; c) the interrelationship between soil, water and other natural resources; and d) the importance of soil and water conservation in environmental protection.

EXHIBIT:

General Instructions:

- ✓ Use the same manual for all years in a level.
- ✓ Create an exhibit that shows the public what you learned in the soil and water science project this year.
- ✓ Notebook exhibits must be displayed in a standard three ring binder.
- ✓ Use an appropriate exhibit title.

All Posters, Notebooks and Display Boards

All posters, notebooks, and display boards **must** include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Poster Requirements:

1. Poster exhibits should have the standardized exhibit card in the lower right hand corner with the 4-H member's name, project and club. You should allow room on your poster for the exhibit card (Height - 3½" x Width – 4¼"). The exhibit card will be available at check-in time at the fair. **NOTE: Add your name, club and the date poster was completed in the bottom right corner in permanent ink under the plastic, where the exhibitor card will cover.**
2. Posters must be 22" x 28" and DISPLAYED HORIZONTALLY ■ and not vertically ▮.
3. POSTER MUST BE SELF-SUPPORTING (remain standing when leaned at a slight angle). Use heavy cardboard, foam board, or pegboard for stiffness. For sources of heavy cardboard, contact the Extension Office.
4. All posters must be covered with clear plastic.

Level Requirements

Level 1 – Grades 3 - 5

- ✓ A poster related to an activity from the level 1 manual
- ✓ A poster and/or notebook of a soil or water related science experiment appropriate for grades 3-5

Level 2 – Grades 6 - 8

- ✓ A poster related to an activity from the level 2 manual
- ✓ A poster and/or notebook of a soil or water related science experiment appropriate for grades 6-8

Level 3 – Grades 9 - 12

- ✓ A poster related to an activity from the level 3 manual
- ✓ A poster and/or notebook of a soil or water related science experiment appropriate for grades 9-12

Independent Study - Learn all you can about a soil and/or water topic, program, facility, project, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Soil and Water Science - Independent Study"

Mentoring - Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Soil and Water Science - Mentor."