

Soil & Water Science

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PROJECT DESCRIPTION:

In Soil and Water Conservation, 4-H members 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.

PROJECT COMPLETION RECOMMENDATIONS

Create an exhibit that shows the public what you learned in the soil and water science project this year.

1. Poster exhibits should follow general poster guidelines found at the beginning of the rule book.
2. Notebook exhibits must be displayed in a standard three ring binder.
3. Use an appropriate exhibit title. You can also use a creative subtitle if you wish.
4. Be sure to include a label with your name, grade, 4-H club, and county in the lower right hand corner.

EXHIBIT

LEVEL A: GRADES 3-5

1. Display a poster related to an activity from the Level 1 manual.
2. Complete a poster and/or notebook of a soil or water related science experiment appropriate for grades 3-5.

LEVEL B: GRADES 6-8

1. Display a poster and/or videotape based on one of the following activities from your 4-H manual.
2. Complete a poster and/or notebook of a soil or water related science experiment appropriate for grades 6-8.

LEVEL C: GRADES 9-12

1. Display a poster and/or videotape based on one of the following activities from your 4-H manual.
2. Complete a poster and/or notebook of a soil or water related science experiment appropriate for grades 9-12.

INDEPENDENT STUDY: GRADES 9-12

1. 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. You should title your poster or notebook, "Advanced Soil and Water Science - Independent Study"
2. 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. You should title your poster, "Advanced Soil and Water Science - Mentor."

STATE FAIR ENTRY: 1 entry for each Level.