

- c. Why plants need flowers.
 - d. How weather affects plant growth.
 - e. How light affects plant growth.
 - f. How seeds germinate.
 - g. How deep to plant seeds.
 - h. Direction in which plants grow.
 - i. How plants multiply.
 - j. How plants move from place to place.
 - k. What soil is. How soil is formed.
 - l. How we use soil.
 - m. Different ways to grow
2. Keep records of what you do.

Requirements

LEVEL: Division 2

Project Completion Recommendations:

1. See project manual



Soil and Water Science

Judging - Tuesday, June 30, at 1pm at the Extension Office; Auditorium.

1 Champion from each level to State Fair

****Please also refer to the Policies and Procedures beginning on page 2 and the General Project Rules on page 20.***

Create an exhibit that shows the public what you learned in the soil and water science project this year. Please see the Kosciusko County General Project rules for information on poster exhibits. Notebook exhibits must be displayed in a standard three ring binder. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title.

Level 1

- 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

- 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

- 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."

