

Completed (40 possible) _____
 Accuracy of answers (30 possible) _____
 Appropriate grammar (15 possible) _____
 Neatness of record (15 possible) _____
 Total _____
 A = 86-100 points
 B = 71-85 points
 C = 70 points or less



4-H Soil & Water Science Intermediate (Grades 6-8) Record Sheet

Record for Year _____

A completed record sheet is due by the last business day of May to exhibit each project at the fair.
 Use any 4-H publications, the internet, the library, or a professional to help you prepare your responses.

The Basics

Name _____ 4-H Club _____

Years in 4-H _____ Grade _____ Years in Project _____

At the Surface

What is the Clean Water Act? _____

Describe the difference between point source and non-point source pollution. _____

Indicate which type of pollution each item is below.

- | | | |
|-------------------------------|---------------------------------------|---|
| • Pet Waste | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |
| • Factory Discharges | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |
| • Sewage Treatment Plants | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |
| • Household Cleaners | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |
| • Lawn Pesticides/Fertilizers | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |
| • Oil/Gas Leaks on Driveways | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |
| • Landfills | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |
| • Soil Erosion | <input type="checkbox"/> Point Source | <input type="checkbox"/> Non-Point Source |

Digging Deeper

What is an aquifer, and why is it important? _____

In what ways do you use water? _____

What is the difference between a sewage system and a septic system? _____

List three conservation practices you have seen in or near our community.

1. _____
2. _____
3. _____

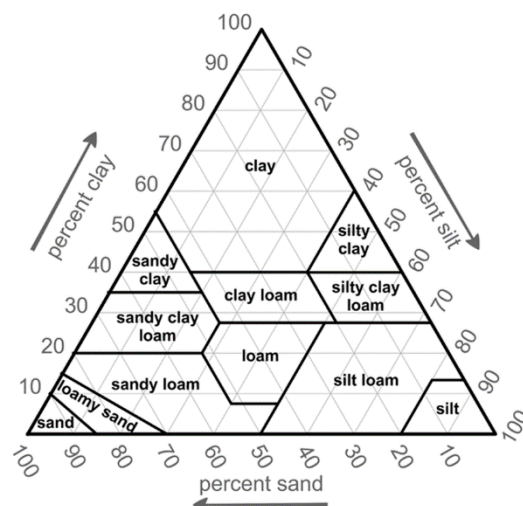
Use the soil texture triangle to determine the names of the three soils listed below.

- 50% Clay, 20% Silt, 30% Sand = _____
- 10% Clay, 10% Silt, 80% Sand = _____
- 35% Clay, 35% Silt, 30% Sand = _____

Name two permeable and two impermeable surfaces.

Permeable Surfaces 1. _____
 2. _____

Impermeable Surfaces 1. _____
 2. _____



Soaking It In

Provide a brief description of your 4-H exhibit or plan for your exhibit.

We do not necessarily care what you spent constructing your exhibit, but it is good for you to understand that things have a cost. Even poster boards are not free. Approximately how much did you spend constructing your exhibit or think you'll spend once it is complete?

\$0.00-\$5.00 \$5.00-\$15.00 \$15.00-\$30.00 \$30.00-\$50.00 Greater than \$50.00

Preserving What We Have

Name three professions or careers in which an individual would need knowledge of soil and water science.

1. _____
2. _____
3. _____

What is one thing you learned or sparked your interest as a result of completing this project? _____

In what way does this project apply to your life, or why is this subject matter important to you? _____
