

Extension Worksheet 1

Name: _____ Class: _____ Date: _____

1. A student put three soil samples in different containers (A, B and C).



Sample A



Sample B



Sample C

She added 50 ml of water to each and obtained the following results relating to water filtration and retention.

	Water Filtered (ml)	Water Retained (ml)
Sample A	25	25
Sample B	40	10
Sample C	50	0

- a. According to the results, indicate the type of soil in each sample.

Sample A: _____

Sample B: _____

Sample C: _____

- b. What physical characteristics does each soil sample have?

Sample A	Sample B	Sample C

Extension Worksheet 2

Name: _____ Class: _____ Date: _____

Read the paragraph and complete the activities.

Soil Erosion

In areas with abundant vegetation, there is less erosion than in areas that have little or no vegetation. This is because the roots of plants help retain the substances that form humus—the organic component of soil—which has a great capacity for retaining water.

1. Complete an experimental procedure to prove the information in the text.

a. Independent Variable

Dependent Variable

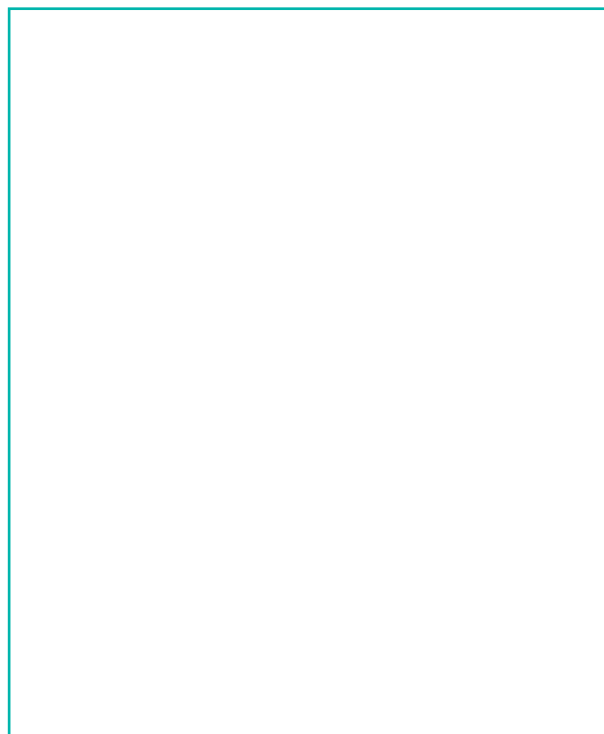
b. Research Question

c. Hypothesis

d. Experimental Procedure

Supplies

Steps



2. Explain how you incorporated the variables into the experiment procedure.

3. How will the variables be measured?
