

What Causes Soil to Wash Away?

Part B

You will experiment to find out what causes soil to wash away. Your group will work with another group to test if the slope of the land is a factor. Fill in the information below prior to conducting your experiment. Before testing, have your teacher approve your procedure. The materials available for you to use include: a ruler, erosion pan, water supply container, soil, plastic cup to capture water from erosion pan, piece of wood to hold water supply container, and wood used to prop one end of erosion pan. Graduated cylinders and balances are also available.

Title

The effect of _____ on _____

Hypothesis

If _____,

then _____.

Variables

IV _____

DV _____

Constants _____

Procedure

List the steps you will follow to test your independent variable. Think about how you will measure your dependent variable. Create a table, chart and graph to record your data.

Write a conclusion on the back of this paper.