**SECTION 9: EROSION CHANGES THE EARTH**

## LAB

**INTRODUCTION**

**Erosion**­ Rocks are change to smaller pieces to become soil through erosion. The soil is then moved by wind or water.

# ASSESSMENT ANCHORS ADDRESSED

**S4.A.2.2** Identify appropriate instruments for a specific task and describe the information the instrument can provide.

**S4.C.1.1** Describe observable physical properties of matter.

**S4.A.3.3** Identify and make observations about patterns that regularly occur and reoccur in nature.

**S4.D.1.2** Identify the types and uses of Earth’s resources.

# PURPOSE

Students will exhibit what they have learned about rocks, weathering and erosion by designing their own experiment to compare erosion. Students will be able to make a conclusion about how the slant of a hill affects erosion.

# MATERIALS

## For each team of 4: For the class

1 masonite board School sandbox\* Foam cup with pencil hole 2 buckets of water

Plastic cup Watch with a second hand\* Ruler (cm)

Stop watch\* Worksheet Pebbles or gravel\*

*Teacher provides items marked with \**

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