



Westminster College

## **SECTION 4: GROWING SEEDS IN DIFFERENT SOILS**

### **LAB**

### **INTRODUCTION**

Students will further their soil study comparing plant growth in different soils. Compare the plants in each soil by height, color, number of leaves, and thickness of stems to determine the best soil for growing healthy plants.

### **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 design their own experiment to compare plant growth in different soils.

### **MATERIALS**

#### **For Each Pair of Students**

1 plastic sandwich bag	1 cup water
Seeds	Clay
Loam	Humus
Soil from school yard	

*Teacher provides items marked with \**