



# CSI: CLASSROOM SOIL INVESTIGATION 3rd Grade

## DESCRIPTION

Get the dirt on Soil! Investigate its physical characteristics and learn about the makeup of soil. Explore how weathering changes rocks and soil over time. Make predictions and participate in a water absorption race as you will explore soil in a brand new way. Program will run for 1.5 hours.

### 30 MINUTES – GALLERY TIME

- Rock vs. Mineral
- Rock Cycle Wall

### 30 MINUTES

- Gem Panning and Careers in Geology

### TAKE HOME ITEMS

- Keep the gemstones found in Gem Panning

### 30 MINUTES - LAB

- Discuss the processes of how soil is made
- Sense the soil
- Make microscopic observations using individual hand held microscopes
- Predict & participate in a water absorption race
- Use simplified dichotomous key for classifying their soil types

REVISED 09.11.20