



# CSI: CLASSROOM SOIL INVESTIGATION 3rd Grade

## DESCRIPTION

Get the dirt on Soil! Investigate its physical characteristics using your senses. Learn the makeup of soil. Explore how weathering changes rocks and soil over time. Make predictions and participate in a water absorption race, use a hand held microscope to examine different specimens. You will explore soil in a brand new way. Program will run for two hours.

### 30 MINUTES – GALLERY TIME

- Rock vs. Mineral
- Rock Cycle Wall

### 30 MINUTES

- Gem Panning and Careers in Geology

### 30 MINUTES

- Store, Foucault Pendulum & Apatosaurus

### TAKE HOME ITEMS

- Keep the gemstones found at 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