

# MYSTERIOUS MINERALS

GEORGIA STANDARDS OF EXCELLENCE:  
S3E1a, SS1, 11

## 3rd Grade



## DESCRIPTION

In this exploration, students will learn how to classify minerals based on Moh's Hardness Scale and other physical properties using their five senses.

### FIELD TRIP - APPROXIMATELY 2 HOURS

#### 30 MINUTES - GALLERY TIME

- Discuss the difference between a rock and a mineral
- Learn about the different properties of minerals
- Look at minerals and mining in Georgia

#### 30 MINUTES - STORE

#### 30 MINUTES - LAB

- Define minerals and their varying properties
- Introduce how a mineral is classified
- Discuss Moh's Hardness Scale
- Test and identify mineral samples

#### 30 MINUTES - GEM PANNING + CAREERS IN GEOLOGY

#### TAKE HOME ITEMS

- Keep the gemstones found in Gem Panning