



# MINERAL TESTING

## 3rd, 6th, and High School Grades

### DESCRIPTION

The Weinman Mineral Gallery has a dedicated area to the physical properties of minerals, including a unique fluorescent mineral display. Learn how to classify minerals based on Moh's Hardness Scale as well as other physical properties of minerals, using the five senses.

### FIELD TRIPS FOR ALL

Program will run for approximately 1.5 hours.

#### 30 MINUTES – GALLERY TIME

- Rock Cycle Wall, Mineral Properties, - Rocks vs. Minerals, Mining in Georgia, Minerals in our Lives area

#### 30 MINUTES - LAB

- Define minerals and their varying properties
- Introduce how a mineral is classified
- Discuss Mohs Hardness Scale and its purpose
- Allow students to test and identify as many unknowns as time allows

#### 30 MINUTES

- Gem Panning and Careers in Geology

#### TAKE HOME ITEMS

- Keep the gemstones found in Gem Panning

### VIRTUAL FIELD TRIP PLUS

Program will run for approximately 1 hour.

#### 30 MINUTES – VIRTUAL CLASS

- Review of mineral definition, properties
- The minerals around you every day
- Minerals of Georgia

#### 30 MINUTES - Q & A SESSION

- Careers in Geology

#### CURRICULUM PACKET

- Vocabulary Crossword & Word Search
- Rock Crystals
- Pre-recorded video

REVISED 09.17.20

GEORGIA STANDARDS OF EXCELLENCE  
S3E1a; SS1,11; S6E5a,b; SS1,11; SES1b; SS1,11