



MINERAL TESTING

High School

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. Program will run for two 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

30 MINUTES

- Store, Foucault Pendulum & Apatosaurus

TAKE HOME ITEMS

- Keep the gemstones found at Gem Panning