

GEOLOGY



Explore the wonders of Earth with this hands-on program! This program introduces students to the fascinating world of rocks, landforms and other geological processes through interactive activities and exciting experiments.

In this program, students will:

- Recognize basic landform types
- Discuss what natural processes shape the land
- Investigate how Earth materials change as they move through the rock cycle
- Identify the 3 types of rock
- Learn how different Earth materials are used



Target Age:
6-12



Format:
In-person



Duration:
1 hour – 1.5 hours

Big Ideas

Science 2

Materials can be changed through physical and chemical processes

Science 3

Wind, water, and ice change the shape of the land

Science 5

Earth materials change as they move through the rock cycle and can be used as natural resources

Curricular Competencies

Science

- Demonstrate curiosity and a sense of wonder about the world
- Experience and interpret the local environment
- Make observations on familiar or unfamiliar contexts

Social Studies

- Ask questions, make inferences, and draw conclusions about the content and features of different types of courses
- Use social studies inquiry processes and skills to gather, interpret, and analyze ideas; and communicate findings and decisions

Core Competencies



- Acquiring and presenting information



- Questioning and investigating



- Contributing to community and caring for the environment