Geology

Objectives

- Students learn about different rock types and minerals
- Students identify landforms
- Students describe the formation of the White Mountains and specific surrounding landforms
- Students examine the effects of weathering on rocks and landforms
- Students understand the way glaciers moved through and changed the mountains
- Students understand and appreciate the passage of time on a geological scale.

Key Concepts

- Characteristics and formation of sedimentary, igneous and metamorphic rock
- Plate tectonics
- Types of landforms
- Weathering and erosion
- Human use of natural resources
- Glaciation
- Geological events, mountain building, and geological time scale
Activities may include

- Landform identification
- Small-scale simulation of mountain building events
- Predicting landscape changes
- Journal writing
- Interactive games and activities
- Student driven discussions
- Investigative hikes and exploration
- Soil Sampling and mineral comparison