

Chapter Eight Science: How Earth Changes Over Time Objectives

Lesson Four

- 1) What produces mountains?
- 2) What forces make and shape landforms?
- 3) Compare and contrast kinds of weathering.
- 4) How is soil produced and transported?

Lesson Five

- 1) Why does sediment move downhill?
- 2) How do erosion and deposition work with gravity and wind?
- 3) How does running water change the land?
- 4) How do glaciers change the land?

Lesson Six

- 1) How can you tell different types of rocks apart?
- 2) What are some ways of recognizing minerals and rocks?
- 3) Identify examples of rocks that form from sediment and from other rocks.
- 4) Trace pathways of change in the rock cycle.

Lesson Seven

- 1) What ways are used to determine relative age?
- 2) What does a rock's position and fossil content reveal?
- 3) How is half-life used to tell us about absolute age?
- 4) Compare and contrast the four geologic eras.