



Review and Reflect

Review

1. What are ways in which rocks can weather?
2. What effects can climate have on weathering?
3. Do all rocks weather the same way? Explain your answer.

Reflect

4. Why is weathering an important part of the rock cycle?
5. Explain two ways that weathering affects your life.

Thinking about the Earth System

6. How does the weathering of rocks affect landforms?
7. Explain how the hydrosphere is connected to the weathering of rocks.
8. How is the biosphere connected to the weathering of rocks?
9. Acid rain can have an effect similar to vinegar on rocks. How does this type of weathering relate to the atmosphere?
10. Write any connection that you have discovered in this investigation to connect rocks to the geosphere, hydrosphere, atmosphere, and biosphere. You can record this information on your *Earth System Connection* sheet.

Thinking about Scientific Inquiry

11. How did you form a testable hypothesis for your investigation?
12. Use an example to explain what a dependent variable, an independent variable, and controlled variable are.
13. How did you use mathematics in your inquiry?