



Review and Reflect

Review

1. Can you answer the key question after completing this investigation? Explain how you were able to separate soil.
2. What kinds of materials did you find in your soil sample?
3. What is the difference between the way soil particles fall through water and through air?
4. Name two or more things that you learned about soil in this investigation.

Reflect

5. Do you think all soil is the same everywhere?
If not, why not?
6. Would you expect all types of soil to behave in the same way when poured in air and water? If not, why not?
7. What additional questions about soil came up during this investigation that you could investigate?

Thinking about the Earth System

8. In which part of the Earth system is each of the following located?
 - a) soil
 - b) air
 - c) water
9. What evidence did you find in this investigation that would connect soil to the biosphere?
10. Write all the connections that you discovered in this investigation to connect soil to the geosphere, hydrosphere, atmosphere, and biosphere. You can record this information on your *Earth System Connection* sheet.

Thinking about Scientific Inquiry

11. How is evidence used in science?
12. How can making a prediction be useful in your investigations?
13. Why is it important to give the reason for your prediction?