Focus Questions
Grade Two

Soils (STC)

Lesson 1: What Is In Soil?
What do you think is in soil?

Lesson 2: Where Do Dead Plants Go?
What happens to plants after they die?

Lesson 3: Introducing Sand, Clay, and Humus:
Using your senses, what can you observe about sand, clay, and humus?

Lesson 4: When Soils Get Wet
What happens to sand, clay, and humus if they get wet?

Lesson 5: More About Wet Soils
How are the smears different? How does clay change when it becomes wet and when it dries?

Lesson 6: How Quickly Do Soils Settle In Water?
How quickly do soils settle in water?

Lesson 7: More Settling a Few Days Later
How have the samples changed?

Lesson 8: What Is Your Mystery Mixture?
What do you think your mystery mixture is?

Lesson 9: Growing Plants in Different Soils:
How might a different soil affect the growth of plants?

Lesson 10: Why Do Plants Have Roots in Soil?
What do roots do for a plant? What happens to roots in different soil? What do earthworms do that helps soil and plants?

Lesson 11: Can Soil Hold Water?
What happens to water that we pour on humus?
Soils Focus Questions  (Continued)

Lesson 12: *How Water Moves Through Sand and Clay*
How does water move through sand and clay?

Lesson 13: *Opening the Compost Bags:*
What do you think has happened in the compost bags?

Lesson 14: *Exploring Your Local Soil*
What have we learned in our investigations about sand, humus, and clay that will help us figure out what is in our local soil?

Lesson 15: *More About Your Local Soil*
What have we learned in our investigations about sand, humus, and clay that will help us figure out what is in our local soil?

Lesson 16: *What Is Your Local Soil?*
What have we learned in our investigations about sand, humus, and clay that will help us figure out what is in our local soil?