

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?