

Focus Questions Grade Three

Rocks and Minerals (STC)

Lesson 1: *Sharing What We Know about Rocks*

What can we observe about rocks?

Lesson 2: *Observing Rocks: How Are They the Same and Different?*

How are rocks the same and different?

Lesson 3: *Learning More about Rocks*

How are rocks formed?

Lesson 4: *Discovering Minerals*

How are minerals different from rocks?

Lesson 5: *Sharing What We Know about Minerals*

How can we identify minerals? What do we think we know about minerals?

Lesson 6: *Observing Minerals: How Are They the Same and Different?*

How are minerals the same and different? How would you describe the appearance, texture, and smell of minerals?

Lesson 7: *Describing the Color of Minerals*

How does *streak* help identify minerals?

Lesson 8: *Shining a Light on the Minerals*

How does a mineral's ability to transmit *light* help to identify it?

Lesson 9: *Exploring the Luster of Minerals*

What is *luster* and how is it a helpful property in identifying minerals?

Lesson 10: *Exploring the Hardness of Minerals*

How does the property of *hardness* help identify a mineral?

Lesson 11: *Testing the Minerals with a Magnet*

How is the property of *shape* useful in identifying minerals?

Rocks and Minerals Focus Questions (continued)

Lesson 12: *Describing the Shape of Minerals*

How is the property of *magnetism* useful in identifying minerals?

Lesson 13: *Comparing Samples of the Same Mineral*

How does the data in the Mineral Guide support the identification of the minerals?

Lesson 14: *Identifying the Minerals*

What have we learned about minerals?

Lesson 15: *Exploring New Minerals*

How can I use what I have learned to identify “mystery minerals”?

Lesson 16: *How Are Rocks and Minerals Used?*

How are rocks and minerals used?