

Focus Questions Grade Three

Sound (STC)

Lesson 1: *Thinking about Sound*

How are the sounds we hear alike and different?

Lesson 2: *How Sound Travels*

How does sound get from place to place?

Lesson 3: *Making Sounds with Nails*

How are the sounds that different nails make the same and different?

Lesson 4: *Making Sounds with Rulers*

How is pitch affected by the length of rulers?

Lesson 5: *Exploring Pitch*

What patterns can you see and hear in the vibrating rulers?

Lesson 6: *Vibrations We Can't See*

How do you think a slide whistle makes different pitches?

Lesson 7: *Designing a Reed Instrument*

What have you learned so far that will help you design a reed instrument?

Lesson 8: *Making a Model Eardrum*

How can we show that vibrations cause sound?

Lesson 9: *Making Sounds with Strings*

How can we make sounds with strings?

Lesson 10: *Changing Pitch by Changing Tension*

How does tightening or loosening a string change the sound it makes?

Lesson 11: *Tuning a Stringed Instrument*

How do the length of a string and its tension affect the sound that it makes?

Lesson 12: *How do Different Strings Sound?*

How does the thickness of the string affect the sound it produces?

Sound Focus Questions (Continued)

Lesson 13: *Making Louder Sounds with Strings*

How can you make louder sounds come from the strings?

Lesson 14: *Making Sounds with Air and Strings: The Human Vocal Cords*

How does what we know about sound help us understand how our vocal cords work?

•Lesson 15: *What Have We Learned about Sound?*

•Lesson 16: *Sharing What We Have Learned*

Performance Assessment for the unit