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?
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