

Station 1

Explore and Explain

Today's Essential Questions:

- ✓ What determines sound volume?
- ✓ What determines sound pitch?
- ✓ Are sound pitch and sound volume related?

Read at least **two** of the reading options on the table.

In your journal, answer the following questions and draw pictures to represent the concepts that you have learned.

1. How does sound travel?
2. What is frequency?
3. What is pitch?
4. How are frequency and pitch related?
5. What controls sound volume?
6. What property is related to volume?
7. What common toy could be used to demonstrate a sound wave?
8. If I had a long pipe whistle and blew through it would the pitch of the sound be higher or lower than a short pipe? Explain your answer.