

BIG IDEAS ABOUT SCIENCE & SOUND

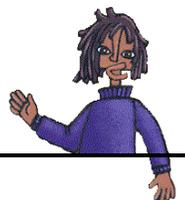
You and your partner will define and give examples of key concepts in Science and Sound. Use a variety of sources (your prior knowledge, the web, science books, “ask a teacher” etc.) to complete the grid. First, define each term, then provide an example. Your examples can be given as words, sketches or in both formats.

Compare your responses with another pair of students, share information, and get feedback. If you choose, revise your definitions and examples based on the feedback.

<p>Sound</p> <p>definition:</p> <p>example:</p>	<p>Vibrations</p> <p>definition:</p> <p>example:</p>	<p>Sound Wave</p> <p>definition:</p> <p>example:</p>
<p>Frequency</p> <p>definition:</p> <p>example:</p>	<p>Volume</p> <p>definition:</p> <p>example:</p>	<p>Timbre</p> <p>definition:</p> <p>example:</p>

Names: _____

Date: _____



EXAMINING INSTRUMENTS THROUGH A SCIENTIFIC LENS

1. What materials were used to make your instrument?

1. What vibrates to make the sound?

2. What causes vibrations to begin?

Instrument Name

3. What causes a change in volume?

4. What causes a change in pitch?

5. How would you describe the timbre of your instrument?

Your Name _____ Date _____

Your Partner's Name _____

