Vibrating Sounds

What You Need

- 1 meter of string
- Wire coat hanger
- Spoon

Find Out

Do this activity to see how sound moves.

Process Skills

Observing
Communicating

Time

- 20–30 minutes to get started
- 10 minutes a day for one week
What To Do

1. Wrap one end of the string around each of your index fingers.
2. Put your fingers gently in your ears.
3. Have your partner hang the hanger on the string.
4. Have your partner tap the hanger with the spoon.
5. Record what you hear.
6. Repeat, tapping the hanger with a different object each day.
<table>
<thead>
<tr>
<th>Object Name</th>
<th>Draw the Object</th>
<th>What did it sound like?</th>
</tr>
</thead>
<tbody>
<tr>
<td>spoon</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Conclusions

1. What did you hear for each object?

2. How were the sounds different?

New Questions

1. What would you hear if you changed the length of the string?

2. Write a question you still have about sound.
Activity Journal
Lesson 1 • Sound

Name __________________________

ACTIVITY

Hearing Sounds

Draw the things that made loud sounds.
Draw the things that made soft sounds.
Making Different Sounds

Draw the instrument you made.

Name ______________________
**Activity Journal**
Lesson 2 • Sound Vibrations

Name __________________________

**Draw** each rubber band.

**Tell** what sound each rubber band made.

**Write** *high* or *low*.

---

Draw each rubber band.

Tell what sound each rubber band made.

Write *high* or *low*. 
Activity Journal
Lesson 3 • Sound Travels

How Sounds Travel

Draw a picture of something that makes a loud sound.

Draw a picture of something that makes a soft sound.
Stand in front. **Tell** about the sound.
Circle the word that best describes it.

* loud    soft

Stand behind. **Tell** about the sound.
Circle the word that best describes it.

* loud    soft

Stand far away. **Tell** about the sound.
Circle the word that best describes it.

* loud    soft