

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.



Object Name	Draw the Object	What did it sound like?
spoon		

Conclusions

1. What did you hear for each object?

2. How were the sounds different?

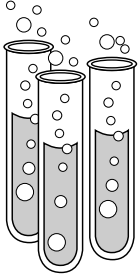
New Questions

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

2. Write a question you still have about sound.



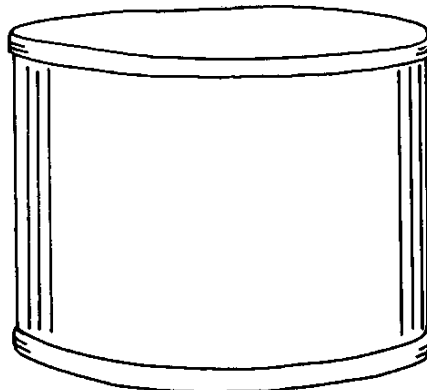
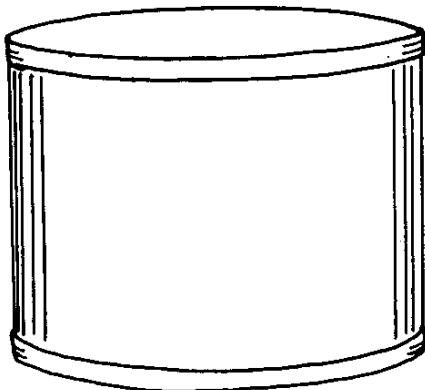
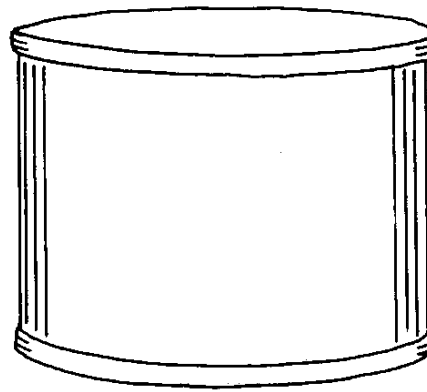
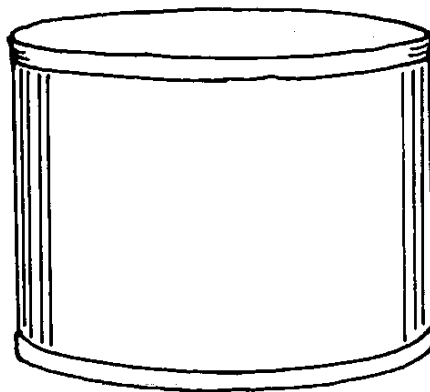
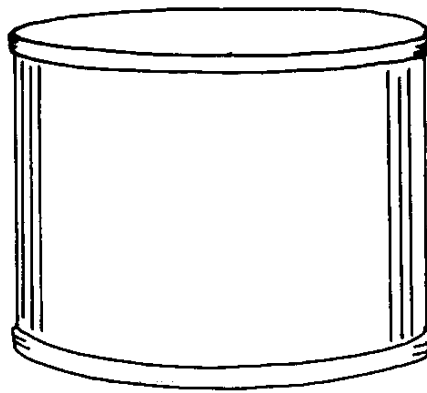
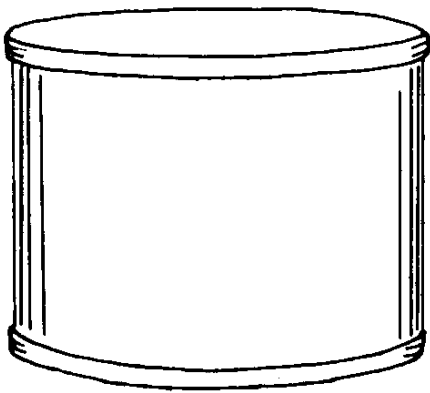
Name _____



ACTIVITY

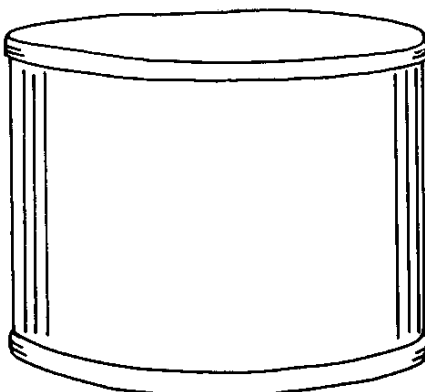
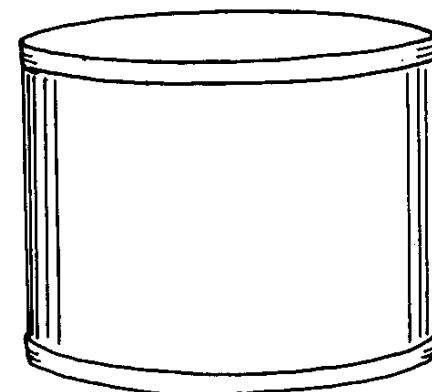
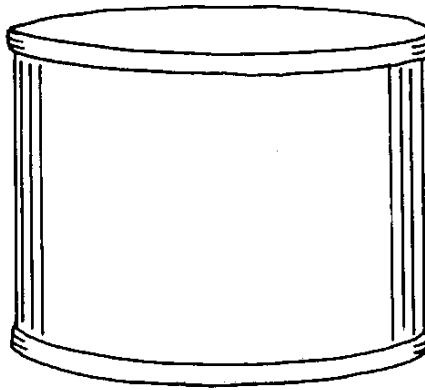
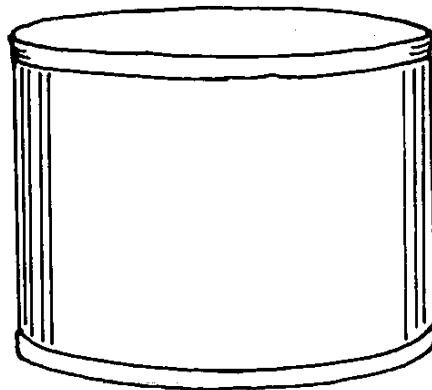
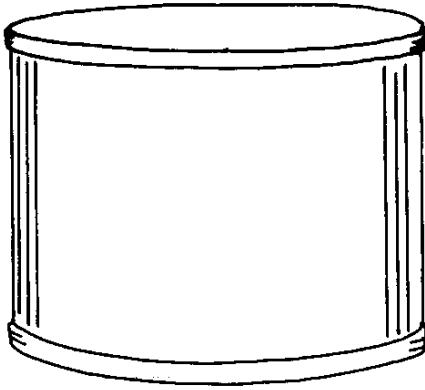
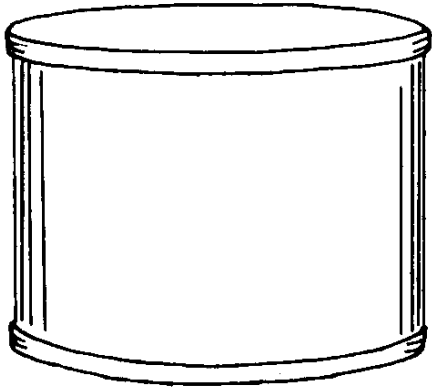
Hearing Sounds

Draw the things that made loud sounds.

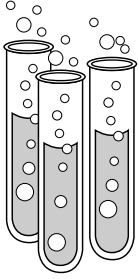


Name _____

Draw the things that made soft sounds.



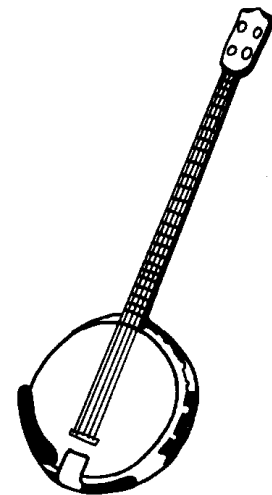
Name _____



ACTIVITY

Making Different Sounds

Draw the instrument you made.



Activity Journal

Lesson 2 • Sound Vibrations

Name _____

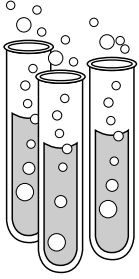
Draw each rubber band.

Tell what sound each rubber band made.

Write *high* or *low*.



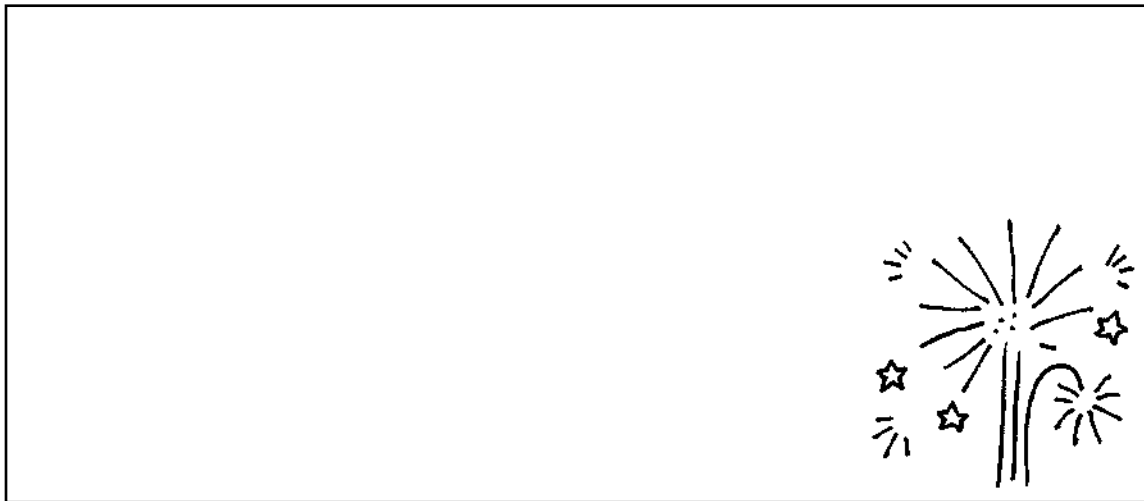
Name _____



ACTIVITY

How Sounds Travel

Draw a picture of something that makes a loud sound.



Draw a picture of something that makes a soft sound.



Activity Journal

Lesson 3 • Sound Travels

Name _____

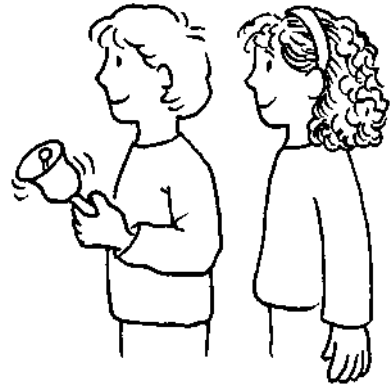
Stand in front. **Tell** about the sound.
Circle the word that best describes it.

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**

