

## How is Sound Made?

What you need:

- jar- preferably plastic-if jars are not available you can use cans or small bowls
- wax paper
- rubber band
- small pieces of paper-confetti paper is ideal

What to do:

- **WORK TOGETHER:** Stretch a piece of wax paper over the opening of the jar. Have a partner use a rubber band to hold the wax paper in place.
- Put paper pieces on the wax paper.
- **WORK TOGETHER:** Gently tap the wax paper over the opening or pluck the rubber band. Talk to your partner about what you see and hear.

Think and write:

- **INFER:** What caused the paper to move the way it did?
- **PREDICT:** How could you cause the paper to move differently?

Guided inquiry:

**EXPIERMENT:** Can you make sound with only a jar and a rubber band? Make a plan. Write each step and test your plan. Communicate what you observed.

**\*\*An extension to this activity is to use different items to make sound as well. Paper, plastic cups, differing sizes of rubber bands (long, short, thick, thin).**

**GLE 0207.11.1** Investigate how vibrating objects produce sound.

✓ **0207.11.1** Use a variety of objects that vibrate to demonstrate how sounds are produced.

What I saw	What I heard

What I saw	What I heard

What I saw	What I heard