

# STEM:

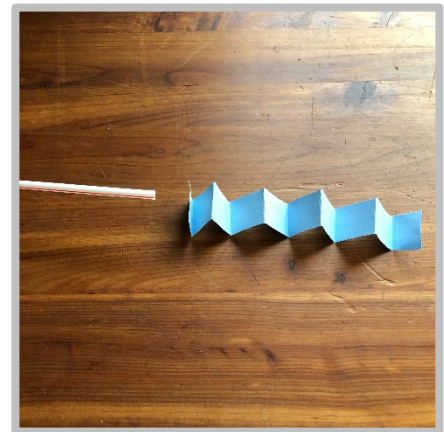
## Using Lung Power

### Learning Value:

This activity promotes development and learning by encouraging children to explore the power of their lungs and what happens when air blows on various items.

### Materials Needed:

- ▶ Straw
- ▶ Ping-pong ball
- ▶ Feather
- ▶ Writing implement
- ▶ Piece of paper



### Participants:

This activity is intended for adult/child interaction.

### Directions:

- ▶ **Step 1:** Challenge your child to breathe in and blow the air out through the straw, using the force of their breath to move light objects, such as a ping-pong ball, a feather, or a folded strip of paper.
- ▶ **Step 2:** Ask your child, what are you doing that makes the object move? What other objects can you move? What happens to the object when you blow after taking a deep breath vs. a shallow breath?
- ▶ **Step 3:** Have your child chart the items that they can move using their breath.