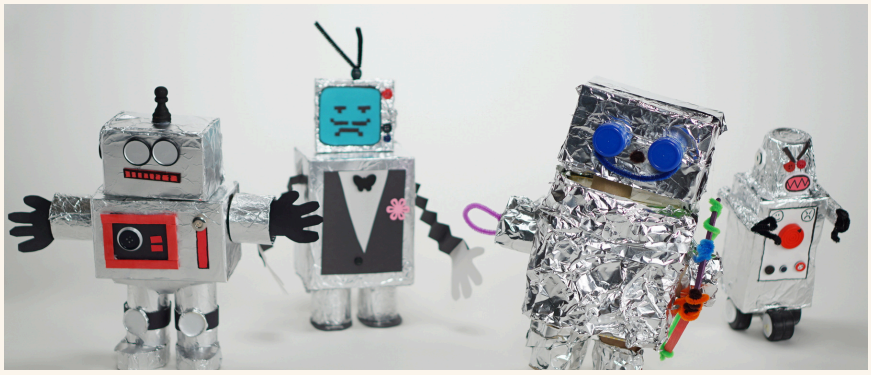
FAMILY + MATH

Cardboard Robot

This activity explores
Spatial Sense

Learning Goal

Practice using spatial words to describe where objects are located.



What You'll Need

- Aluminum foil
- Cardboard containers, boxes, or tubes
- Construction paper
- Googly eyes
- Pipe cleaners
- Buttons
- Bottle caps
- Tape or glue

Steps

Denotes a step that may require adult support.

1. **Start the robot!** Wrap two recycled boxes with foil for the head and body of your robot.
2. **Secure!** Glue the wrapped boxes together.
3. **Finish the body!** Glue the cardboard tubes for arms and legs.
4. **Add details!** Using buttons, construction paper shapes, pipe cleaners, and googly eyes, add a face and antennas.
5. **Create a story!** Create a story about your robot using spatial words to explain why or where the robot is moving. Encourage your child to act out the story using the robot.

Watch Video

Spatial sense words: above, below, around, next to, on top of, behind, in front of, beside, to the left of, to the right of, up, down, in between

Talk Together

- Can you make your robot walk around another object?
- Where in this room do you want the robot to explore?

Book Suggestion

"Lejos/Far"

written by Juan Felipe Herrera and illustrated by Blanca Gómez

Online Game

Family Math: Build a Picture

www.pbssocal.org/education/build-a-picture