

Making Shadow Puppets

By <https://www.science-sparks.com/fun-with-shadows/>

Watch: Light and Shadows for Kids by Kids Academy
<http://www.viewpure.com/YuUJCNzfoBw?start=0&end=0>

Materials:

- Paper or cardboard
- Pencil
- Scissors
- Straw or popsicle stick
- Tape
- Light source (flashlight lamp)

Instructions:

1. Draw some shapes onto your piece of paper or cardboard. Animal shapes work great for shadow puppets.
2. Cut out your shapes.
3. Tape your shape to a straw or popsicle stick.
4. In a dark room hold your puppet facing a wall. Use a light source, such as a flashlight, to create a light beam behind the puppet.
5. Move your puppet in front of the beam of light. You should see a shadow on the wall.
6. Move your puppet closer and further from the light source. What do you notice?

Adaptations: Use your hands or stuffed animals as a puppet.

Extension: Create a shadow puppet story and put on a show for your family.

