

## Instructions

Let's explore how light makes shadows! Follow the activities below.

### 1. Draw Your Shadow!

Stand in a sunny spot and have someone trace your shadow on the ground with chalk. Draw a picture of what you look like inside your shadow!

Draw your picture here...

### 2. Light and Shadows

Think about a light source (like the sun or a lamp). When the light shines on an object, it makes a shadow. Write down one thing that makes a shadow:

What makes a shadow?

### 3. Shadow Shapes

Look around your room. Can you find something that makes a shadow? Draw the object below:

Draw the object here...

### 4. Shadow Measurement

If you could measure your shadow, would it be long or short? Write your answer below:

Is your shadow long or short?

### 5. Fun with Shapes

Can you make shadows with your hands? Make an animal shape with your hands and hold it in front of a light. What animal do you see? Write its name below:

What animal do you see?