

# Shadow Investigation



## What is needed:

1. *A blank wall covered in paper or a screen.*
2. *Flashlight or a source of light*

## What to do:

Dim the lights or darken the room. Shine the source of light on the blank wall or screen.

Using your hands, create shadow shapes.

## Predict:

What will happen when you move your hands closer or farther from the light source?

What can you do to make the shadow lighter or darker?

Can you create shadows without the light? Why or why not?

**Record and report your findings, explain why the shadows happen:**