



## Shadow Tracing

For this project you will need:

- paper
  - tape
  - drawing utensil (marker, pencil, crayon, etc.)
  - toy or other distinctly shaped object
  - dark room and light source (like a flashlight) or you can go outside and use the sun
1. Set up your space so shadows are present. You can either use a flashlight or lamp in a dark room or you could go outside on a sunny day.
  2. Tape a piece of paper to a wall or lay the paper flat on a table or the ground.
  3. Take your toy (like a dinosaur, car, doll, etc.) and place it in front of your paper if it is on the wall. If your paper is flat, stand the toy up at the edge of the paper so it faces the sun. You want the toy to be between the paper and your light source, whether it is the sun or a flashlight.
  4. Experiment with distance. Try moving the toy closer to and farther away from your paper to get the shadow size you want.
  5. Now take your drawing utensil and trace the outline of the shadow created by your toy. When you've traced the shadow outline, you can fill in the toy's shape with more details.