

Exploring Shadows

Craft for all ages

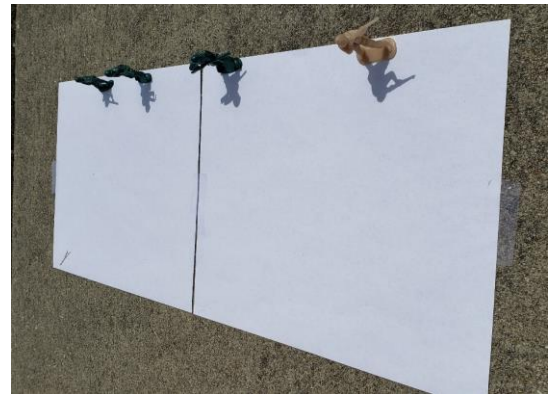


Supplies:

- A sunny day
- White paper
- Toy soldiers (or other interestingly shaped toys)
- Pencil
- Tape

Instructions:

1. Find a flat spot where the sun shines, such as your driveway, sidewalk, porch, or kitchen floor. Any place where the sun shines and you can see shadows will work!
2. Tape the paper to the ground so it won't move.
3. Place your toy soldiers or other figurines on the edge of the paper so that they cast a shadow on the paper. You may have to move the toy around to find the best position to make a shadow.
 - a. *Why does that position work best?*
4. Trace the shadow on the paper. Use the outline to draw and create your own picture!



Activity Extension Ideas:

Write down the time you traced your first shadow, and leave the paper taped in the same place. Return to your paper two or three hours later and repeat the tracing. Is the shadow outline the same? Why or why not? What changed?

What happens if you use items of different shapes?

