

# SCIENCE MINDED

## Simple Magnifying Glass



Create this simple magnifying glass to help you see small things better.

### MATERIALS NEEDED:

You will need an empty plastic bottle (a 2 liter bottle is recommended), a permanent marker, a pair of scissors, and water.

### INSTRUCTIONS:

- Draw a circle shape near the neck of the bottle. Do it here so that a disc shape is created.
- Cut out the circle.
- Pour a little water into the disc you cut out.
- Hold it over text or images to make them bigger.

### THE SCIENCE:

The shape you cut is convex (meaning that it curves outward). The water causes the light that shines through the refracted (bent inwards), creating a lens that enlarges the items seen through it.

Practice using your magnifying glass with these tiny images:

