

MAKE YOUR OWN RAINBOW

A prism breaks light into its rainbow colors because glass refracts light to almost exactly the same degree as water. Because a prism is like an imitation water droplet, you can use water as a prism. By adding a mirror to reflect light inside the water you can make your own rainbow. However, your rainbow will appear on the wall or on the ceiling, while real rainbows appear only in the sky.

You will need:

- flashlight
- water
- bowl
- mirror



1. Place the mirror in the bottom of the bowl so that it rests at about a 45 degree angle. Fill the bowl with water.
2. Shine a flashlight directly down at the mirror from overhead, and look for the rainbow on the wall opposite.