

Rainbow Fun

Materials

- Flashlights, 1 per group (Note: LED flashlights do not create as colorful a rainbow as regular flashlights)
- Clear bowls of water, 1 per group
- Child-safe mirrors, 1 per group
- White copy paper, 1 sheet per group

Instructions

Divide the children into groups and give each group one flashlight, one clear bowl of water, one mirror, and one sheet of white copy paper.

Darken the room by turning off the lights and covering windows.

Instruct the groups to submerge their mirrors in the glass bowls at an angle and then shine their flashlights onto the submerged mirrors. Another student should hold the sheet of paper to capture the rainbow that appears from the mirror's reflection of the light through the water.

Students may take turns holding the mirror, the flashlight, and the piece of paper to create rainbows.

Suggested Discussion

The light from your flashlights was shining into the water and being reflected and bent in the same way light shining through raindrops makes a rainbow. The water refracted (bent, changed the direction of) the light, separating it into colors, and the mirror reflected it onto the paper. This is just like how God makes a rainbow appear in the sky where the light is both refracted and reflected in raindrops.

- ?** When we see a beautiful rainbow during or after the rain, what are we reminded of? *Allow answers.*

We are reminded of God's promise to never flood the whole earth again. And we know that God's promises are true!