

preschool



ACTIVITY
SCIENCE EXPERIMENT

**Faith at
home**

preschool



Science Experiment for Preschoolers

You'll Need:

- Raisins
- A clear drinking glass for each child
- 2 Liter bottle of carbonated soda water
- Lively music
- Bible

The Experiment:

Say: Tell about a time you were so excited about something that you were bursting with joy and excitement.

Ask: What kinds of things make you that excited about God?

Read Psalm 100 to the children.

Then say: God wants us to be filled with joy and excitement when we praise and worship. We're going to try an experiment that reflects excitement.

Fill one glass with carbonated soda water. Tell children not to drink their experiment. Play the praise music and encourage kids to clap their hands and get excited about praising the Lord. While the music plays, pass out a raisin to each child.

Say: Drop your raisins into the glass and see how the raisins react.

The raisins may not move immediately, but soon they'll be bouncing around in the glass because of the bubbles around them.

Say: The raisins are dancing because they're reacting to the soda water's carbonation. The carbonation in the soda is a gas called carbon dioxide. Tiny bubbles form on the raisins when they're dropped into the soda water. The bubbles collect carbon dioxide and grow; that's what lifts the raisin. When the raisin reaches the top of the water, the bubbles pop, and the raisin sinks. Then the process starts over again.

Ask: Tell me about a time you felt like your life was out of energy. How can worshipping God give you excitement?

