

ELEMENTS OF FAITH

SCIENCE EXPERIMENT

TRAVELING WATER

ITEMS NEEDED:

Colored water
Scissors
Two plastic cups
String
Tape

DIRECTIONS:

1. Fill one of the cups with water.
2. Cut a length of string about 18 inches and dip it in the water to get it wet. Remove the string and wring out any excess water.
3. Tape one end of the string to the bottom of the second cup.
4. Place the other end of the string inside the first cup and hold it in place. Do not let the string touch the outer part of the cup.
5. Lift the second cup above and away from the first cup at an angle, and tilt the cup with the water toward the second cup.
6. If done right, water will flow from the first cup to the second cup down the string rather than pouring onto the table!

How in the world did the water travel down the string? This happens because of a process called cohesion. Because the string already has water on it, the water coming out of the cup attaches to the string and travels down to the second cup rather than spilling on the floor. This may look miraculous, but it's pure science.

God did a great miracle when He parted the Red Sea, and He repeated that miracle at the Jordan River. He did it to remind the Israelites that He is always with them and always protecting them. The same God who parted the seas still takes care of us today. How amazing is that?

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LARGE GROUP GAME

GUARD THE CAN!

ITEMS NEEDED:

Two large rubbermaid cans
A lot of small balls (tennis ball size)

INSTRUCTIONS:

Choose two teams of 6-10 kids. Give each team an equal number of balls and a can. Space the cans about 15 feet apart. Mark a dividing line between the two teams, half the distance between the cans. The teams will have one minute to try and throw as many balls into the opposing team's can as possible. Any ball that goes into a can counts as a score and stays. Any ball that gets deflected can be re-tossed by either team. The team that scores the most points wins.

VARIATION:

This can also be played as a soccer type game with kids trying to kick bouncy balls into a goal instead of the can.

WHAT'S THE POINT?

God always protects His children, just as we protected our goals.

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CRAFT ACTIVITY

Give all the kids a styrofoam or paper cup. Have them cut the cups in half. On the inside of one half, write “God always,” and on the inside of the other half, write, “Protects me!”