

Hooked On SCIENCE



Beyond the Science Lab

The Holy Spirit

Bible Truth

We can't see or touch the Holy Spirit but we can feel his presence in our hearts.

What the Bible Says

Matthew 28:20

Teaching them to observe all things whatsoever I have commanded you: and, lo, I am with you always, even unto the end of the world. Amen.

Hooked on Science Experiment

Air Cannon

Ingredients

- 32 Gallon Trash Can
- Shower Curtain
- 2 Bungee Cords

Instructions

STEP 1: Using a knife have an adult cut a 5-inch hole in the bottom of the trashcan.

STEP 2: Cut a large square from the shower curtain. Make sure this square is large enough to stretch over the top of the trashcan.

STEP 3: Stretch the piece of shower curtain over the top of the trashcan.

STEP 4: Secure the piece of shower curtain with the bungee cords.

Explanation

The air cannon proves that air takes up space. When you hit the shower curtain the pressure on the inside of the can increases and pushes the air out of the trashcan. The smaller the hole in the bottom of the trashcan the faster the air will push out of the trashcan.

Science Term

Air

The mixture of gases that makes up the Earth's atmosphere.