

Hooked On SCIENCE



Beyond the Science Lab

God Gives Us Strength

Bible Truth

God gives us strength to do things we never imagined.

What the Bible Says

Job 5:9

Which doeth great things and unsearchable; marvellous things without number:

Hooked on Science Experiment

Soaring Toilet Paper

Ingredients

- Leaf Blower
- Toilet Paper
- Dowel Rod

Instructions

STEP 1: Place the toilet paper on the dowel rod and unroll the tissue.

STEP 2: Hold the dowel rod horizontally so the roll will unroll away from you.

STEP 3: Turn on the leaf blower and aim the stream of air just over the top surface of the roll.

Explanation

Bernoulli's Principle states that the pressure of a liquid decreases as its velocity increases. Increasing the velocity over the surface of the toilet paper, lowers the pressure of the air pushing on the toilet paper.

Science Term

Bernoulli Principle

The scientific principle that states that the faster a gas or liquid moves, the lower its pressure will be.

High Pressure System

A large, slowly swirling mass of sinking air that has high air pressure and fair weather.

Low Pressure System

A large, swirling mass of rising air that has low air pressure and that usually brings wet, stormy weather.