



THANKSGIVING EGG DROP

Ingredients

- Transparent Glass
- Water
- Egg
- Pie Pan
- Toilet Paper Roll

Science Terms

- **Inertia** – The tendency of an object to resist a change in its movement, whether the object is moving or at rest.
- **Gravity** – The force that pulls all objects toward the center of the earth.

Instructions

STEP 1: Fill the glass three quarters of the way with water.

STEP 2: Place the pie pan on top of the transparent glass. Make sure the pie pan is in the center of the transparent glass.

STEP 3: Stand the toilet paper roll in the center of the pie pan.

STEP 4: Place the egg on the toilet paper roll.

STEP 5: Quickly hit the pie pan with enough force so the pan and toilet paper roll fly out of the way.



Explanation

As the pie pan and toilet paper roll fly in one direction, the egg resists this change, and gravity then pulls the egg into the transparent cup of water. Inertia is the tendency of an object to resist change in motion.

HOOKED ON SCIENCE DISCLAIMER

Each Hooked on Science experiment is safe to perform with an adult present. If not performed correctly the experiment could be dangerous. Jason Lindsey, Hooked on Science, and ALL Hooked on Science affiliates expressly disclaims all liability for any occurrence, including, but not limited to, damage, injury or death, which might arise as consequences of the use of any experiment(s) online or on air. The guardian of the child and the performer of the experiment assume all the liability and will use these science experiments at their own risk!