



## MYSTERIOUS RISING WATER

### Ingredients

- Candle
- Matches
- Pie Pan
- Transparent Glass

### Science Terms

- **Pressure** – The force produced by pushing or pressing on something.
- **Air** - Air or Earth's atmosphere is the layer of gases surrounding the planet Earth.

### Instructions

STEP 1: Place the candle in the center of the pie pan.

STEP 2: Fill the pie pan with water.

STEP 3: Using a match, ignite the candle and then quickly place the

transparent glass over the candle allowing the top of the transparent glass to rest on the bottom of the pie pan.



### Explanation

The air inside the transparent glass is heated, which causes the water to expand. When this happens, an area of lower air pressure forms on the inside of the transparent glass. The air pressure on the outside of the transparent glass is now greater. This greater area of air pressure pushes down on the water forcing the water into the transparent glass.

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