



GATEWAY REGION YMCA FLOATING CANDLE

Heat can also drive a difference in gases, like melting temperature in liquids. An example of this is air which expands in heat and contracts when cool. Let's demonstrate this with an experiment.

Supply List

- Plate
- Candle
- Water
- Glass
- Match (need adult help)

Instructions

1. Fill the plate with water and place the candle at the center
2. Light the candle with adult help
3. Cover the candle with a glass
4. Watch the water rise

The water rises because the originally hot air in the cup begins to cool and drives a pressure difference

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