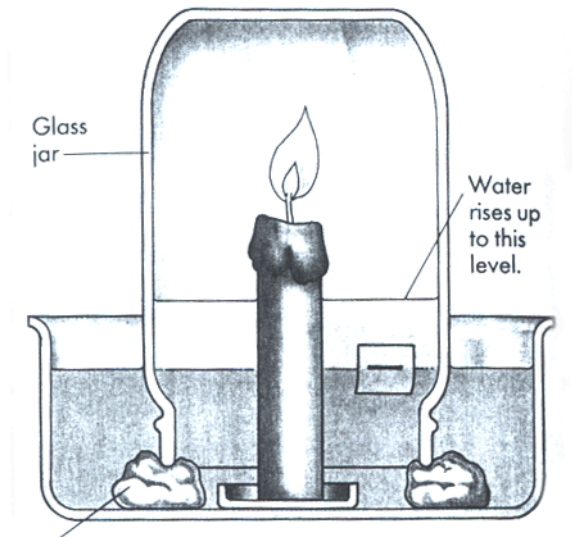


Oxygen Burn

Purpose: Air is used up when things burn, but is all of the air used?

Materials: candle, modeling clay, bowl of water, large glass jar, matches

Place the candle on a lid in a bowl of water. Make sure the candle is tall enough to stand high above the water's surface. Light the candle, cover it with the jar and rest its edge on the clay so water can get under the rim.. Watch the water level as the candle burns and eventually burns out. It should rise about one fifth of the way up the jar.



The only part of the air that is used while burning the candle is the Oxygen. When the Oxygen was used up the fire went out, but the water is pushed upwards by the now greater air pressure outside the jar.