



BURNING MONEY

Ingredients

- 1 Cup of Water
- 1 Cup of Rubbing Alcohol
- 1 Dollar Bill
- Tongs
- Grill Lighter

Science Terms

- **Combustible** – Describes something that can burn.
- **Mixture** – A combination of two or more different substances that keep their own properties and can be separated again.

Instructions

STEP 1: Mix the 1 cup of water with the 1 cup of rubbing alcohol.

STEP 2: Using the tongs, dip the dollar bill into the water and rubbing alcohol mixture for 30 seconds.

STEP 3: Holding the dollar bill with the tongs, use the grill lighter to ignite the dollar bill. Make sure you keep the fire away from the water and rubbing alcohol mixture.

STEP 4: Allow the dollar bill to burn for about 10 seconds.



Explanation

Combustion or burning occurs between the alcohol and oxygen. The rubbing alcohol is what burns when you ignite the dollar bill. The temperature at which alcohol burns is not hot enough to evaporate the water, therefore the dollar bill remains wet and does not catch on fire. Water is very good at absorbing heat without increasing in temperature.

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