



FIRE TORNADO

Ingredients

- Fireproof Bowl
- Lazy Susan Turntable
- Lighter Fluid
- Wire Screen
- Staples
- Sponge
- Grill Lighter
- Fire Extinguisher

Science Terms

- **Fire** – The rapid oxidation of a material in the chemical process of combustion, releasing heat, light, and various reaction products.

Instructions

STEP 1: Roll the wire screen into a cylinder and secure the wire screen with the staples.

STEP 2: Cut the sponge into four pieces. Place two of the sponge pieces into the fireproof bowl.

STEP 3: Soak the sponge pieces in lighter fluid.

STEP 4: Place the fireproof bowl in the center of the Lazy Susan and ignite the sponge pieces.

STEP 5: Place the wire screen on the Lazy Susan and spin.



Explanation

The fire heats the air, which expands, becomes less dense, and then floats upwards. Cold air replaces the warm air. The wire screen forces the air replacing the rising warm air up to rotate. As the air moves closer to the center it spins faster causing the flame to spin in a unique way.

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