

STEM Demo Notes

Plasma Ball

Description: Electricity ionizes gasses inside the sphere, forming vibrant streams of light that follow your touch, creating an engaging and visually captivating display.

Grade Level: K-12

Demo Type: Demonstration

Additional Requirements: Access to power, extension cord, power strip

Materials Included:

- Plasma Ball
- Oscilloscope
- Circular light bulb
- LED Lights
- Booklet

Safety Information:

- Avoid prolonged contact with glass surface to prevent overheating
 - Ensure device is properly grounded
 - Keep flammable material away
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Sample Procedure:

1. Utilize accessories to create an interactive light show.
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Additional Information:

- University of Wisconsin-Madison Notes  Plasma Ball Experiments - U of W.pdf