



DIY COMET IN THE CLASSROOM

MATERIALS

- Dry ice (handle with gloves).
- Dirt, water, and a mixing bowl.
- Protective gloves and goggles.

INSTRUCTIONS

1. Mix dirt and water in a bowl to simulate the core of a comet.
2. Add dry ice to create a model of a "dirty snowball."
3. Observe how the dry ice sublimates, mimicking a comet's tail.

DESCRIPTION

Create a model comet using dry ice, dirt, and water to simulate its composition and discuss how comets travel through space.

OBJECTIVES

- Understand the composition of comets.
- Learn about their role in the solar system.

TIPS FOR THE EDUCATOR

- Emphasize safety and demonstrate proper handling of dry ice.
- Discuss famous comets, like Halley's Comet.

