

# Impact Craters Experiment

Drop balls in flour and cocoa powder. This is an experiment about impacts from meteoroids, asteroids, and comets!

## **Materials:**

- Flour (provided)
- Cocoa powder (provided)
- Large baking pan or shallow box
- Sieve or sifter
- Balls/marbles/rocks of various sizes (one bouncy ball provided)
- Asteroids, Comets, and Meteorites packet (provided)

## **Procedure:**

\*Lay down newspaper or do this experiment outside...it could get messy!\*

1. Fill the baking pan with flour.
2. Use the sieve to sprinkle a thin layer of cocoa powder on top of the flour.
3. Try dropping a ball from about a foot above.