

CRATERS

Do balls of different weights and sizes leave different size craters? Find out!



Prediction

Which ball will leave the biggest crater? Why?

Objects in Space

by Tim

ASTEROIDS are made of stone or stone and metal. Some are hundreds of miles wide.

COMETS are made of rock, dust, and ice. The ice turns to gas when comets get near the sun, and the gas and dust can form a bright "tail."

METEORS are bits of rock and metal. If they come near Earth, most burn up in our planet's atmosphere. Meteors that do hit the ground are called meteorites.



Observations

• Draw the size of your craters below.

From Crouching

From Standing

Small Marble

Large Marble

Aluminum-Foil Ball

Ping-Pong Ball

	From Crouching	From Standing
Small Marble		
Large Marble		
Aluminum-Foil Ball		
Ping-Pong Ball		