

## Make a Crater

Divide into four groups:

Build three meteorites from the playdough provided. (large, medium, and small)

Name the three meteorites.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

Predict which meteorite would make the largest and smallest crater. \_\_\_\_\_

\_\_\_\_\_

Why? \_\_\_\_\_

Now, look at the six-foot ladder. What do you think would happen when you drop the largest meteorite from the ladder at a height of?

1 foot \_\_\_\_\_

3 feet \_\_\_\_\_

6 feet \_\_\_\_\_