

Name: _____ Date: _____

CREATING CRATERS

What You Need

1 flat pan	2 slips of paper
1 craft stick	2 pieces of tape
1 golf ball	sand - get this when needed
2 toothpicks	

What You Do

1. Make your flags. Write each of these words on one slip of paper: knees and face. Tape each slip to a toothpick to make a flag.
2. Fill your pan with sand and smooth it out flat with the craft stick. This will be the surface of a planet. Put the pan on the floor.
3. Stand next to the pan. Hold the golf ball face high and drop it into the pan. This will be like a meteor crashing into the planet. Carefully remove the "meteor" and mark the crater with its flag.
4. Hold the meteor knee high and drop it into the pan. Carefully remove it and mark the crater with its flag.
5. Observe the craters you made. Describe any differences among them.

Think About It

How are your craters the same as those found on the moon and planets?

How are they different?
