



**What are the effects
of Forces?**

The Problem

You have been given the following items:

- play dough
- elastic band
- plastic rod, charging cloth and small piece of paper
- ball
- coin

Apply some force to these item and record what happens.

Concentrate on how you describe what happens.

What to do?	OBSERVATIONS
Changes in Motion or Shape	What caused the change?
Stretch an elastic band	
Squash a lump of plasticine	
<p>Drop a ball. Observe what happens:</p> <ul style="list-style-type: none"> a) at the moment that you drop it b) as it falls c) as it hits the ground d) as it goes up again 	
<p>Flick a coin with one finger so that it slides across the desk. Watch what happens after the coin is flicked</p> <p>Charge a plastic rod by rubbing it on your jumper or your hair. Hold it close to a small piece of paper</p>	

Discussion

Write a couple of sentence about the effects of forces as shown in this investigation.