

# **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.**

OBSERVATIONS		
What to do ?	Changes in Motion or Shape	What caused the change ?
Stretch an elastic band		
Squash a lump of plasticine		
Drop a ball. Observe what happens: a) at the moment that you drop it b) as it falls c) as it hits the ground d) as it goes up again		
Flick a coin with one finger so that it slides across the desk. Watch what happens after the coin is flicked		
Charge a plastic rod by rubbing it on your jumper or your hair. Hold it close to a small piece of paper		

## **Discussion**

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