

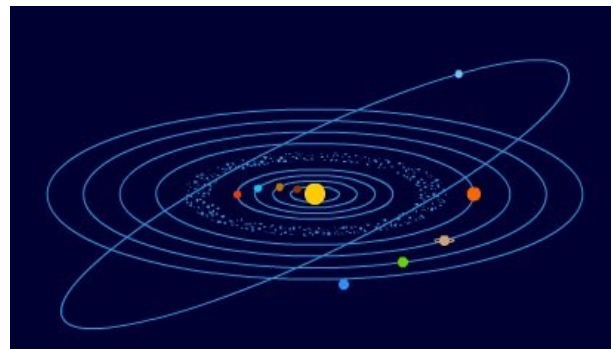
## Solar System Mobile

### You need:

- A long pole.
- 9 different colours of card.
- A ruler, string, compass, pencil.
- Scissors, drawing pins.

### Diameters of the planets

Mercury	1cm
Venus	4cm
Earth	4cm
Mars	2cm
Jupiter	48cm
Saturn	38cm
Uranus	20cm
Neptune	20cm
Pluto	8mm



### Instructions:

1. Using the diameters of the planets, draw two circles for each planet.
2. Cut a slot from the edge of each circle to the centre.
3. Slot the two cards together to make right angles.
4. Make a small hole in the top of each planet with a drawing pin and thread some string through the holes.
5. Attach each planet to the pole ensuring they are arranged in the correct order from the Sun.
6. Have a label or an arrow at one end of the pole to indicate the direction of the sun.

N.B. Due attention must be paid to safety when using the compasses and drawing pins.