



GILGANDRA OBSERVATORY

SOLAR SYSTEM.

SCIENCE & TECHNOLOGY

K – 6

- Make your own Solar System.
- Build up a mini Solar System.
- Gain a picture of the Sun's size in comparison to the Planets.

Sun	Football	22cm diameter
Mercury	Small Plant Seed	Just under 1mm
Venus	Round Rice Grain	Just over 2mm
Earth	Round Rice Grain	Just over 2mm
Mars	Small Pinhead	Just over 1mm
Jupiter	Walnut	26mm
Saturn	Large Marble	22mm
Uranus	Pea	9mm
Neptune	Pea	9mm
Pluto	Grain of Sugar	Less than 0.5mm

NB. To gain an idea of distances, Earth (your rice grain), should be about 25 metres away from the Sun (your football).

