

# Our Place in Space Live

## Measurement Information

These are the measurements for your Solar System Bunting...

Remember the scale in this activity is:

10cms = 1 Astronomical Unit (AU) and equates to 93 million miles or 150 kilometres.

Sun	0.0AU	Place planet at	0cm
Mercury	0.4AU	Place planet at	0.4cm
Venus	0.7AU	Place planet at	0.7cm
Earth	1.0AU	Place planet at	10cm
Mars	1.5AU	Place planet at	15cm
Asteroid Belt	2.8AU	Place planet at	28cm
Jupiter	5.2AU	Place planet at	52cm
Saturn	9.6AU	Place planet at	96cm
Uranus	19.2AU	Place planet at	192cm
Neptune	30AU	Place planet at	300cm
Pluto	39.5AU (average)	Place planet at	395cm

An extension to this activity could be for children/students to calculate in miles how far each planet is from the Sun itself...

*e.g. Jupiter would be  $93 \times 5.2\text{AU}$  (1 AU = 93 million miles) = 483.6 million miles from the Sun*

