

Practical astronomy projects for every level of expertise

DIY ASTRONOMY

Make a scale model of the Solar System

A conversion table (from Astronomical Units to metres) to show the spacing of each Solar System body on a 1:3 scale model

Solar System body	Distance from Sun (AU)	Distance from Sun on Solar System model (metres)
Sun	0	0
Mercury	0.4 AU	0.13m
Venus	0.75 AU	0.25m
Earth	1 AU	0.33m
Mars	1.5 AU	0.5m
Asteroid belt	2.2 AU to 3.2 AU	0.73m to 1.07m
Jupiter	5 AU	1.67m
Saturn	10 AU	3.33m
Uranus	20 AU	6.67m
Neptune	30 AU	10m

