

A Simple, Accurate 100m Distance-Scale Activity for our Solar System

For younger children you may wish to use inflatable planets as shown in this photo of Mid-Summer Day 2012 at Beaghmore Stone Circles, Co Tyrone, Northern Ireland!



Although the relative sizes of these inflatable planets are not accurate they are easy for the children to see at a distance.

Object	Rounded Distances (m)
Sun	0.0
Mercury	1.0
Venus	1.8
Earth	2.5
Mars	3.8
Ceres (first and largest asteroid and dwarf planet)	6.9
Jupiter	13.0
Saturn	23.8
Uranus	48.0
Neptune	75.2
Pluto (first Edgeworth-Kuiper Belt Object and dwarf planet)	98.7