

Name _____ Date _____ Period _____

OUR SOLAR SYSTEM

GOAL:

The goal of this assignment is to create a distance scale representing the major objects in our solar system.

DIRECTIONS:

1. Obtain a strip of paper that is approximately 60 cm long.
2. Draw a solid line about 2.5 cm from the edge of the strip of paper.
From the line, measure 0.4 cm and draw a second solid line.
From the second line, measure 0.4 cm and draw a third solid line.
From the third line, measure 0.4 cm and draw a fourth solid line.
From the fourth line, measure 0.5 cm and draw a fifth solid line.
From the fifth line, measure 1.0 cm and draw a dotted line.
From the dotted line, measure 2.7 cm and draw a sixth solid line.
From the sixth solid line, measure 4.3 cm and draw a seventh solid line.
From the seventh solid line, measure 9.7 cm and draw an eighth solid line.
From the eighth solid line, measure 10.7 cm and draw a ninth solid line.
From the ninth solid line, measure 9.6 cm and draw a tenth solid line.
From the tenth solid, measure 10.4 cm and draw a second dotted line.

3. Label the lines as follows:

Solid Lines 1-5:	Sun, Mercury, Venus, Earth, Mars
First Dotted Line:	Main Asteroid Belt
Solid Lines 6-10:	Jupiter, Saturn, Uranus, Neptune, Pluto*
Second Dotted Line:	Kuiper Asteroid Belt