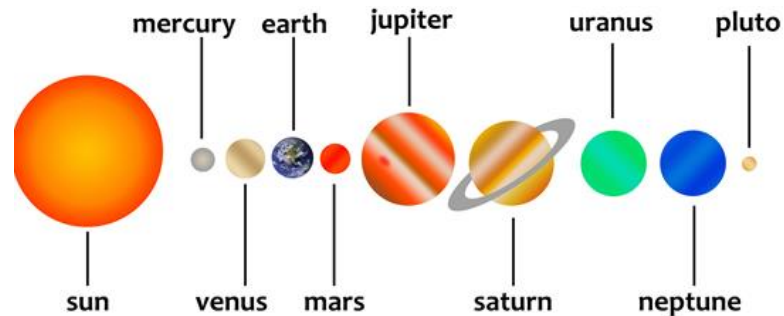SCALE MODEL OF OUR SOLAR SYSTEM

Object of activity. Given various size spheres (or circles) and a metre stick, make a scale model of our solar system.

These models of our solar system are certainly not to proper scale!

Neither the diameters across nor the distances from each other are anyway near proper scale in the above diagram. Our job is to make a scale model of our solar system.

A Billy Nye movie on planets is rather helpful too.

	Diameter (km)	Distance Millions of km
SUN	1,392,000	
MERCURY	4,878	57.9
VENUS	12,104	108.2
EARTH	12,756	149.6
Moon	3,476	149.6
MARS	6,787	227.9
JUPITER	142,980	778.3
SATURN	120,540	1,429.4
URANUS	51,120	2,875.0
NEPTUNE	49,530	4,504.4
PLUTO	2,300	5,915.8

So now make your scale model. Make the planet models first, then put them at the correct scale distance.
 Very approximate rounded values are convenient and acceptable
I would *suggest* a scale of 1/10 Billion (to start) would be most appropriate

Write at least two proper paragraphs abot the size and scale of our solar system: