

Year 5 DT

Friday 26th June 2020

Lesson 3 - Solar System

Let's recap our design brief and rules:

The design brief:

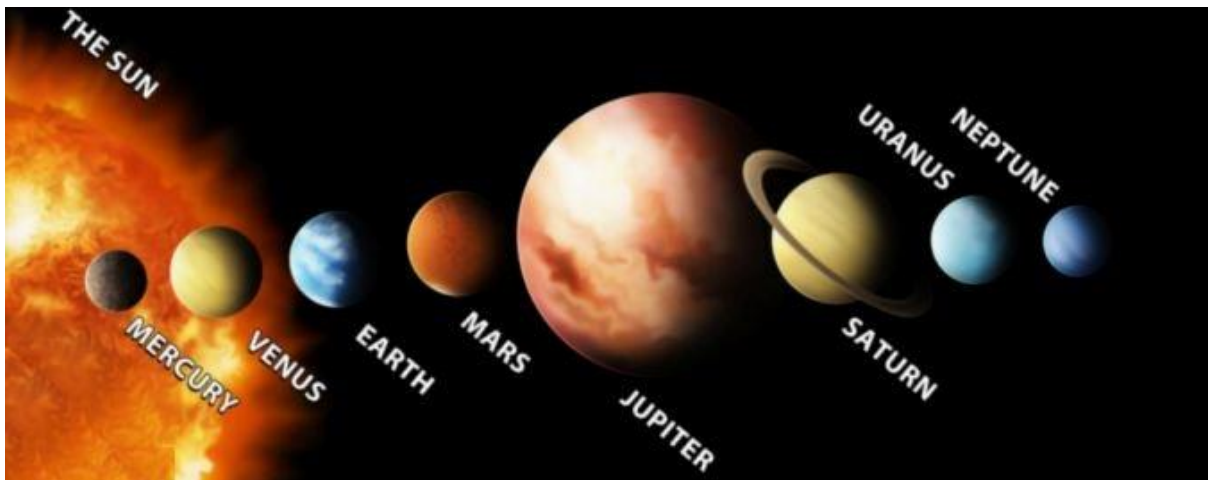
You are going to design a Science model which could be used to teach children about the Solar System and order of planets.

Rules:

The design must aim towards building a 3D model (it must be 3D).

There must be the correct number of planets orbiting the sun, the sun cannot move.

The planets must rotate around the sun when a handle is turned, a system of gears must be used, a pulley must be used, an information sheet about the orbits must be included (this will be towards the end of the project don't worry!)



Today you will be sketching a design of your own model.

Remind yourself of the example models that other children have made, which you evaluated last week:





Activity:

Sketch your design of your solar system model on a piece of paper or in your exercise book.

Think about:

- How will you create your solar system? What will it look like?
- What materials and equipment can you use? What do you have access to? (Remember you can find lots of different materials in your garden! Can you use any recycling?)
- How will you make it accurate? Think about the order and size of the planets - remember your learning in science lessons.