

Year 5 DT  
Friday 19<sup>th</sup> June 2020

Lesson 2 - Solar System

Let's recap our design brief and rules from last week:

The design brief:

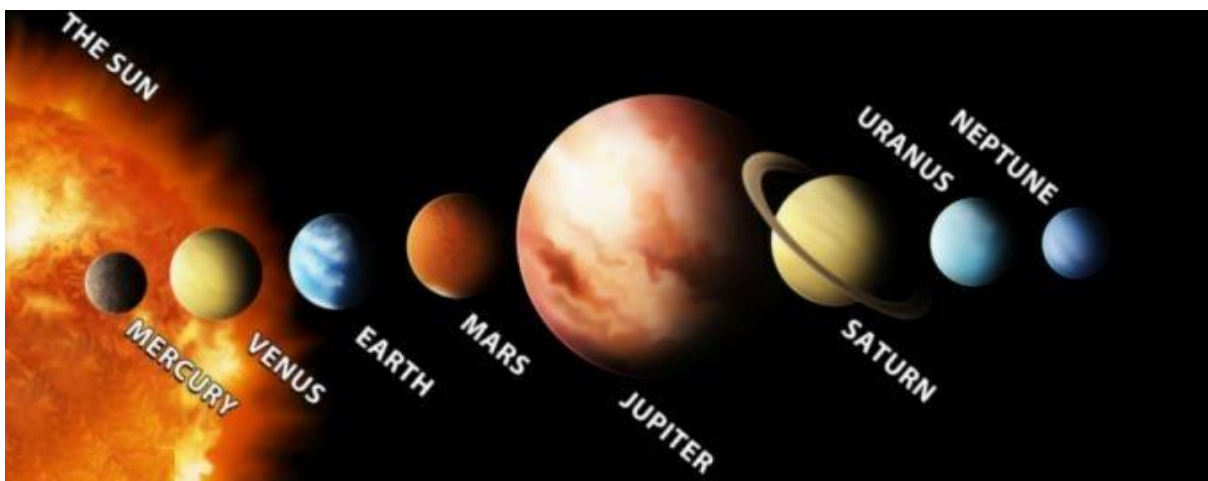
You are going to design a Science model which could be used to teach children about the Solar System and order of planets.

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 evaluating other designs of the Solar System.

Look below at some example models that other children have made.

Design 1:



Design 2:



Design 3:



Activity:

You will be evaluating the designs above by looking at the **strengths** and **weaknesses** of each design.

Think about the 'so what' - what will you do in your design? What ideas will you take? What will you change?

Open the document 'Strengths and Weaknesses'. Complete the table using the designs above.