Build a Model of the Solar System

For this project you will build/create a scale model of the solar system. Look over

the following options and **choose one** at your level to complete. Your parents or another adult

may assist you on this project. This project will be completed at home and brought in to share on

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** You may use any materials you have available, but avoid going out and purchasing items (such as a science kit on the solar system). This is a challenging project, so don’t put it off until the last day! This project will be ***graded as a “test grade***”.

**Option A:**

1. Design a model of the solar system including:

* The sun
* Eight planets
* An asteroid
* Dwarf planet Pluto
* A comet in the Kuiper Belt

2. You model must follow the correct order from the sun, but the distances DO NOT have to be

 to scale.

3. The sizes, in diameter of your objects must be to scale.

4. Include a data chart of diameters in km

**Option B:**

1. Design a model of the solar system including:

* The sun
* Eight planets
* Dwarf planet Pluto

2. Your model must be to scale in terms of distance from the sun AND in terms of diameter of

 the objects (you do not need to use the same scale)

3. Include a data chart of diameters and distances in km

Scoring Rubric

|  |  |  |
| --- | --- | --- |
| Model | 25 |  |
| includes all items | 5 |  |
| shows scale | 5 |  |
| data chart | 5 |  |
| Total | 40 |  |

See Mrs. Jordan’s Web Page and Edmodo folders for more information to assist you with this project …