Solar System Model Project

For the next few weeks, you will be learning about the solar system. In order to show what you have learned, I would like for you to create your own solar system model to display in the classroom or hall. There are no limits to the project; you can use anything you like! This will be a test grade, so make sure to do your best.

I encourage you to be creative and show what you have learned. There are some basic rules for your project:

* You must have the Sun and all 8 planets! (You may include Pluto if you wish. But remember, it isn’t a planet anymore!)
* You must include the asteroid belt
* The Sun needs to be the biggest object. Try to keep the planets in proportion. In other words, Earth should not be larger than Jupiter.
* All objects must be labeled correctly and where I can easily read it.
* The planets should be colored correctly.
* You may use anything you like to do the project except for a store-bought kit. A coat hanger, a box, dowel rods, Styrofoam balls, food, etc. are examples of some items that you may use. A poster is acceptable, but I would rather a 3-D display.

A rubric is attached to help you and your parents figure out what project will deserve an “A”. It is your responsibility to keep up with the rubric to receive your final grade. **If you lose it, you will have points deducted from your final grade.** Do your best on your model, because you never know who will see it!

**THIS PROJECT IS DUE OCTOBER 30TH!**

**Solar System Project Rubric**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Excellent**20 points | **Good**17 points | **Fair**14 points | **Poor**10 points | **Points Earned** |
| **Creativity** | Student showed large amounts of creativity. All planets are the correct color and imagination has been used when designing the model. | Thought has been put into the project. The planets are close to the correct color and there is evidence of student effort. | Some thought has been put into the project. There is some color and a few planets are colored incorrectly. | Very little or no creativity. No color is used or the planets are all colored incorrectly. |  |
| **All planets are found.**  |  All planets are accounted for. | One planet is missing. | Two planets are missing. | Three or more planets are missing. |  |
| **Proportion/Scale** | All of the planets are roughly proportional to each other. | Most of the planets are proportional to each other. | There a couple of mistakes with the proportions of the planets. | Planets are not correctly proportioned. (Pluto should not be larger than Jupiter.) |  |
| **Labels** | All planets and are correctly and clearly labeled. | All planets are correctly labeled, but are difficult to read or find. | Planets are incorrectly labeled or the labels are almost impossible to read. | Planets are not labeled or the labels are impossible to read. |  |
| **Planets are in the correct order.** | All the planets were in the correct order. | One or two planets are out of order. | Three or more planets are out of order. | Planets are not in the correct order or many are out of place. |  |
| **The asteroid belt is present and labeled.**  | The asteroid belt is present and labeled. | The asteroid belt is present but not labeled.  | The asteroid belt is labeled but not present. | The asteroid belt is missing.  |  |

Total points earned = \_\_\_\_\_\_ / 100.