



We have been learning about the solar system and models. 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. There are no limits to the project; you can use anything you like! This will be a test grade, so make sure you 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!)
- 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. You should be able to give 3 interesting facts about each object.
- You can include the facts on your project or on index cards.

The planets should be colored correctly. Follow the color patterns below.

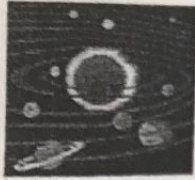
- **Mercury:** Color the planet yellow. Color over the yellow with light brown.
- **Venus:** Color the planet yellow. Color over the yellow with light brown.
- **Earth:** Color the land – brown or green, water – blue, clouds – white.
- **Mars:** Color the ice caps white. Color the rest of the planet orange. Color over the orange with light red.
- **Jupiter:** Color the planet orange, yellow, red, and light brown. Make the Great Red Spot dark red.
- **Saturn:** Color the planet yellow and light orange. Color the rings light yellow.
- **Uranus:** Color the planet blue-green.
- **Neptune:** Color the planet blue. Color the clouds white. Make the Great Dark Spot dark blue.

You may use anything you like to do the project. A coat hanger, a box, dowel rods, Styrofoam balls, whatever you would like! A rubric is attached to help you and your parents figure out what project will deserve an “A”. Do your best, because the whole school might get to see it! If you need supplies or help with the project, be sure to ask me! I will help however I can, but don't wait until the last minute.

Project is Due: _____ Feb 5th 2019 _____

Name: _____





Name _____
Solar System Model Project Rubric



	Excellent	Good	Fair	Poor	Points Earned
	20 points	17 points	14 points	10 points	
Creativity	Students 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 and are in the correct order.	All planets are accounted for and are in the correct order.	One planet is missing and/or one or two planets are out of order.	Two planets are missing and/or 3 or more planets are out of order.	Three or more planets are missing and/or planets are not in the correct order or many are out of place.	
Proportion/Scale	All of the planets are roughly proportional to each other.	Most of the planets are proportional to each other.	There are a couple of mistakes with the proportions of the planets.	Planets are not correctly proportioned. (Mars should not be larger than Jupiter.)	
Labels	All planets are clearly and correctly 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.	
Facts	All planets have at least 3 facts stated on the project or note cards.	All planets have at least 3 facts, but are difficult to read.	Planet facts are stated incorrectly or almost impossible to read.	Planet facts are not listed or the facts are impossible to read.	

Total points earned = _____ / 100



