Solar System Paper Model Project

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 paper model to display in the classroom. We will make a folded paper accordion in class, this will be what you will use to complete your project. A circle fact sheet will also be given. These facts will need to be researched, completed, and attached to the paper in any way you would like. The sources that you use for research will have to be included. You need to use a minimum of three sources. You will need to be include accurate (colored) picture representations of the plants, sun, and asteroid and Kuiper belt on the folded paper accordion. These pictures need to be to scale. That means that the Earth cannot be bigger than the sun. As always, try your best and be sure to turn in your best work that you have completed! Ask your parents for help as you need it, but remember this is your project!

**This paper must be turned in with your project. Minus 7 points if it is not included.**

**This project is due Friday April 29, 2016**

### Solar System Paper Model Project Rubric

<table>
<thead>
<tr>
<th></th>
<th>Excellent 20 points</th>
<th>Good 17 points</th>
<th>Fair 14 points</th>
<th>Poor 10 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes sun, 8 plants, asteroid and Kuiper belt in correct order, and correctly labeled</td>
<td>Has all correctly ordered and labeled</td>
<td>Has most correctly ordered and labeled</td>
<td>Has some correctly ordered and labeled</td>
<td>Has them, but ordered and labeled incorrectly.</td>
</tr>
<tr>
<td>Drawn to scale and colored for accurate representation</td>
<td>Best effort shown</td>
<td>Good effort</td>
<td>Little effort</td>
<td>No effort shown</td>
</tr>
<tr>
<td>Circle Facts completed and included</td>
<td>All facts included for all planets, sun and asteroid belt</td>
<td>All facts are stated but are difficult to read or find.</td>
<td>Planet facts are stated incorrectly or are almost not legible</td>
<td>Little to no facts included or the facts are not legible</td>
</tr>
<tr>
<td>Website/Book resources listed</td>
<td>At least three sources used and listed</td>
<td>At least two sources used and listed</td>
<td>At least one source used and listed</td>
<td>No sources used or listed.</td>
</tr>
<tr>
<td>Creative, colorful, and neat</td>
<td>Best effort</td>
<td>A lot of effort</td>
<td>Little effort</td>
<td>No effort</td>
</tr>
</tbody>
</table>

Total points earned: ________/100
Solar System Paper Model Project

Resources Used

You need at least three sources. You can have more. Books, websites, encyclopedias, etc. are acceptable.

1. __________________________________________________

2. __________________________________________________

3. __________________________________________________

4. __________________________________________________

5. __________________________________________________
PLANET RESEARCH

Research the major planets in our solar system. When you have found the answers, fill in the planets.

Mercury
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

Venus
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

Earth
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

Mars
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

Saturn
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

Jupiter
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

Uranus
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

Neptune
Distance from the Sun
Length of time for one revolution around the Sun
Diameter
Temperature
Number of moons

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Sun
Age __________________
Diameter ________________
Surface Temperature __________________

Asteroid Belt
The asteroid belt is made of ____________________
__________________________
__________________________
It orbits around the ____________

Kuiper Belt
The Kuiper belt is made of ____________________
__________________________
__________________________
It is home to ____________,
which was once a planet, but is now a ____________.