

SOLAR SYSTEM TRADING CARDS

Name: _____

Due Date: _____

Procedure:

1. Select a total of five objects from the solar system to investigate. One must be the **sun**, and you must select at least **one inner planet**, **one outer planet**, and either **comets**, **asteroids**, or **meteoroids**. In addition to these four, **choose one or more** object(s) from any of the groups.
2. Gather the materials: (five 4 x 6 index cards, colored pencils, markers, printed pictures, etc.)
3. Gather information for your cards. Use your book, internet or other sources, but **do not forget to cite any sources you use!** Each card should have at least **nine (9)** facts about that object.
4. Make a design for your cards. Your design should include:

On the Front:

- ☐ The Planet or object's name. (Note: choose a specifically named comet or asteroid)
- ☐ A colorful picture of the planet or object (hand drawn, clipart, internet)

On the Back:

- ☐ The diameter or size of the object
- ☐ The period of rotation and revolution
- ☐ Average distance from the Sun
- ☐ Origin of the solar objects name (e.g. named after the roman god of war, or person who discovered the object)
- ☐ Average surface temperature or range of temperature
- ☐ Four (4) additional interesting facts about the planet (this could include any satellites of the object or missions to the object)

If the object does not have all of the information required above e.g. distance from the Sun to the Sun is 0, then make sure you have 9 facts total about that object (include additional interesting fact(s)).

5. The information should be **typed** and **neatly** organized. Place all of the information onto a **4x6 index card** (HINT: use both sides, use the required chart to organize information)

RUBRIC		
CRITERIA	POSSIBLE POINTS	POINTS EARNED
Planet/ Object Name	10 (2 pts per card)	
Colored Picture	10 (2 pts per card)	
Five required facts	25 (5 pts per card)	
Four interesting facts	20 (4 pts per card)	
Graphic Organizer w/ Sources	10 (2per card)	
Grammar, Spelling & Neatness	5	
Project Total:	80 points	

SOLAR SYSTEM TRADING CARDS – GRAPHIC ORGANIZER (1 PER CARD)

Name of Solar Object:

Five Required Facts:

1. Diameter and Size of Object:
2. Rotation AND Revolution:
3. Distance from the Sun:
4. Origin of Object's name:
5. Average surface temperature or range:

Four Interesting Facts:

- 1.
- 2.
- 3.
- 4.

Sources: