Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My Partners: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Science Project - My Planet**

The next few days you and your partners will be given a planet from our solar system. As a team you will create **one presentation (mini poster)** and make **one 3D model** (be creative!!) of your planet. You will also need to provide a handout with information on your planet for each student in the class. (Think about the notes I give you and what information about your planet is important for the students to know)

This worksheet is for your notes and information you’ll find on your planet from your science folder, books, library and the Internet. After you and your partner have filled out this worksheet you are ready to begin your presentation.

Our Planet is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Topic to included in your paragraph:**

 **The Planet's Name**: What does its name mean? Many planets were named after mythological gods.

1. **Position in the Solar System**: Where is your planet located (for example, Mars in the fourth planet from the Sun)? How far from the Sun does it orbit? Is its orbit unusual?
2. **Rotation on its Axis**: How long does it take for your planet to rotate on its own axis? (This is one day on your planet.)
3. **Size**: How big is your planet? How does it rate in terms of the other planets in terms of size (is it the biggest, the smallest)? What is your planet's mass?
4. **Orbit**: How long (days) does it take for your planet to orbit the Sun?
5. **Atmosphere**: What is the composition of the atmosphere of your planet? Is it a thick or a thin atmosphere?
6. **Temperature**: What is the temperature range your planet? How does this compare to the temperature on Earth?
7. **Your Planet appearance**: What type of planet is it (is it rocky or a gas giant)? What is its internal composition? What does your planet look like?
8. **Moons**: If there are moons orbiting your planet, describe them and when they were discovered.
9. **Rings**: If there are rings orbiting your planet, describe them and when they were discovered.
10. **How Would a Human Being Fare on Your Planet**: On your planet, would a person choke in the atmosphere, be squashed by the extreme gravity, float with ease, freeze, burn up, or something else?
11. **Something Special**: Is there anything special about your planet? This can often be the best part of the report, taking you off on interesting topics. For example, are there 100-year-long storms on your planet? Are there giant volcanoes? Does your planet have a very tilted axis (giving it extreme seasons)? Have spacecraft visited your planet? If so, what have they discovered? Is your planet in an orbital resonance with another body?