

Name \_\_\_\_\_ Date \_\_\_\_\_

**Planet:**

**The Planet's Name:** How did the planet get its name? What does it mean? (Many planets were named after mythological Gods).

**Planet's Discovery:** What was the date that it was discovered? Who discovered the planet?

**Planet's Size:** How big is your planet (diameter and mass)? How does it relate to the other planets in terms of size (biggest, smallest)?

**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?

**Revolution:** How long does it take for your planet to orbit the Sun? (This is one year on your planet.)

**Rotation:** How long does it take for your planet to rotate on its own axis? (This is one day on your planet.)

**Gravity:** What is the force of gravity at the surface of your planet? For example, what would a 100-pound person weigh on that planet?

**Temperature:** What is the temperature range on your planet? How does this compare to the temperature on Earth?

**Composition and 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?

**Moons:** If there are moons orbiting your planet, describe them and when they were discovered.

**Rings:** If there are rings orbiting your planet, describe them and when they were discovered.

**Habitability:** 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?

**Something Special:** What is special about your planet? For example, are there 100-year-long storms on your planet? Are there giant volcanoes? Does your planet have a much tilted axis (giving it extreme seasons)? Have spacecraft visited your planet? If so, what have they discovered?

**Bibliography (sources):**

**Essay:** Write a five paragraph report about your planet. Use the following format:

1<sup>st</sup> paragraph - Planet name, general description, size, location

2<sup>nd</sup> paragraph - How your planet was discovered and exploration

3<sup>rd</sup> paragraph - Length of day/year on planet, temperature, gravity, composition, what life would be like on planet

4<sup>th</sup> paragraph - Moons, rings, atmosphere, interesting/unique facts

5<sup>th</sup> paragraph - Interesting/unique facts