

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

What is a planet?

1. It must orbit a star (in our cosmic neighborhood, the Sun).
2. It must be big enough to have enough gravity to force it into a spherical shape.
3. It must be big enough that its gravity cleared away any other objects of a similar size near its orbit around the Sun.

Planet:

When was it discovered? By who?

How did it get its name?:

Distance from the sun in miles:

How long is a day in Earth hours or days or years?

How long does it take for sunlight to travel from the sun to your planet?

How long is a year in earth days?

Describe the orbit for you planet around the sun. – what shape is it? What is the orbit distance in miles? How fast is the orbit?

What is it's radius?

How big or small is it compared to the earth?

What TYPE of planet is it? (Terrestrial, Gas, Dwarf, Ice, etc.)

How many moons? Name them. (If more than 4 moons, list the 4 main ones).

When did your planet form?

What is your planet's core made of? What is the radius of the core?

Describe your planet's surface. (Colors, terrain, craters, etc.)

What is the tilt of your planet? (in degrees).

What are the temperature's on your planet's surface during the day? Night?

Does your planet have an atmosphere? What is it made of?

Is there water on your planet?

Does your planet have rings? How many? Do they have names? If so, what are they?

What are the rings made of?

How many spacecraft's have visited your planet? Give names, dates, and what they went for.

Are there any upcoming missions to your planet? When? Why?

What is the possibility for life on your planet? Give exact details.

List three interesting facts about your planet that