**Astronomy Assignment**

Our stellar neighborhood is one of the few subjects with which you may have been familiar with prior to this class. Our solar system is a collection of several of the most amazing spheres in the universe. In this assignment you will select one of the major Planets or the Sun and answer the following questions:

1. When was your planet discovered and what does its name mean?
2. Provide mass, circumference, density, period of rotation, period of revolution, and distance from the sun?
3. What is the temperature range on the surface; cloud tops (gas giants)? Or what is the temperature on the outer 2 layers of the star?
4. What elements make up the atmosphere of your planet?
5. What does the surface of your planet consist of and look like? For gas giants what is below the cloud layers?
6. Describe the interior of your planet.
7. Does your planet have any satellites if so how many?
8. Provide 4 interesting facts not previously discussed
9. Provide 4-5 images with an explanation of each.