***Astronomy Essential Questions Assignment***

**Directions:** Use your astronomy notes and research the internet to find answers to the following questions. This assignment is due the end of the class

1. Work in pairs
2. Turn in the typed assignment in google drive***. Make sure you have your names written***
3. The assignment must include answers to each questions (80 points) and illustrations for each question (20 points)
4. **How does precession and nutation affect the structure of the earth?**
5. **Compare and contrast the following:**

**.planet and star .galaxy and universe**

1. **What are the 3 Kepler’s laws**
2. **How does the interaction between Earth and its moon impact tidal changes**
3. **How does the interaction between  Earth and the sun impact rotation, seasons, tilt, and revolution?**
4. **What causes Earth to bulge at the equator?**
5. **What forms of energy are produced by the sun?**
6. **How are energy forms in space processed by Earth?**
7. **What effect would a change in the solar system have on Earth’s patterns?**

**10.How do Earth’s patterns compare to other planets within the solar system?**