** CHAPTER 8 – Survey of the Solar Systems**

**KUDO’s (Know, Understand and Do!)**

**Section 8.1 - Components of the Solar Systems**

**Know:**  Solar Systems, Inner Planets, Outer Planets, Terrestrial Planets, Jovian Planets, Dwarfs Planets, Asteroids, Comets, Asteroids Belt, Oort Cloud, Kuiper Belt, Bode Rule

**Understand:**

* Organization of the components within Solar Systems

**Be able to DO:**

* Order the components of the solar Systems

**Assignments:**

1. Read pages 204-213

2. Guided Notes & PPT

3. Vocabulary from Know

5. Whiteboard questions: **QFR:** 1-7

**Section 8.2** The Formation of the Planetary Systems

**Know:**  Solar Nebula Theory, Interstellar Clouds, Interstellar Grains, Solar Nebula, Condensation, Accretion, Planetesimals

**Understand:**

* The processes in the formation of the solar systems

**Be able to DO:**

* Explain Solar Nebula Theory

**Assignments:**

1. Read pages 213-229

2. Guided Notes & PPT

3. Vocabulary to know

4. Chapter 8 Blendspace Activity

5. Whiteboard questions: **QFR:** 8-17;

**Section 2.3** Other Planetary Systems

**Know:**  Exoplanets, Gravitational Lensing

**Understand:**

* The methods of discovering other solar systems

**Be able to DO:**

* Discuss how scientist/astronomer find other planets not within our solar systems

**Assignments:**

1. Read pages 221-225

2. Guided Notes & PPT

3. Vocabulary to know

4. Whiteboard questions: **QFR:** 18-20 **TQ:** 2-3