** CHAPTER 11 – Meteors, Asteroids & Comets**

**KUDO’s (Know, Understand and Do!)**

**Section 11.1 - Meteors, Meteoroids & Meteorites**

**Know:**  Meteors, Meteoroids, Meteorites, Chondrules, Chondrites, Carbonaceous Chondrites, Achondrites

**Understand:**

* The difference between Meteors, Meteoroids & Meteorites.
* Different types of Meteorites

**Be able to DO:**

* Classify type of meteorites based upon composition

**Assignments:**

1. Read pages 288-290

2. Guided Notes & PPT

3. Vocabulary from Know

5. Whiteboard questions: **QFR:** 1-4,

**Section 11.2** Asteroids

**Know:**  Asteroids, Asteroids Belt, Kirkwood Gap, Near-Earth Objects,

**Understand:**

* The processes in the formation of asteroids
* The Kirkwood Gap and the relation to asteroids
* Size, Shape & Composition of Asteroids

**Be able to DO:**

* Interpret Kirkwood Diagrams

**Assignments:**

1. Read pages 291-294

2. Guided Notes & PPT

3. Vocabulary to know

4. Chapter 8 Blendspace Activity

5. Whiteboard questions: **QFR:** 5-9, **TQ:** 2,4

**Section 11.3** Comets

**Know:**  Tail, Coma, Nucleus, Fluorescence, Kuiper Belt, Oort Cloud, Radiation Pressure, Solar Wind, Short-Period Comets, Meter Showers, Radiant

**Understand:**

* The structure, composition, and origin of comets
* The formation of comet’s tail
* Short period comets and the Kuiper Belt

**Be able to DO:**

* Discuss the fate of comets

**Assignments:**

1. Read pages 295-302

2. Guided Notes & PPT

3. Vocabulary to know

4. Whiteboard questions: **QFR:** 10-14 **TQ:** 5 **Problems: EC** 5 & 6

**Section 11.4 Giant** Impacts

**Know:**

**Understand:**

* Mass Extinction and relations to Meteors

**Be able to DO:**

* Discuss the Mass extinction and comet impacts
* Calculate energy of an impact

**Assignments:**

1. Read pages 303-307

2. Guided Notes & PPT

3. Vocabulary to know

4. Whiteboard questions: **QFR:** 15-17 **TQ:** 6 **Problems:** 7 & 8