**Sky Science Review**

****

**Key Vocabulary:**

* **Annual Motion**
* **Asteroid Belt**
* **Asteroids**
* **Astronomy**
* **Atmosphere**
* **Axis**
* **Binary Stars**
* **Black Hole**
* **Comet**
* **Constellations**
* **Emit**
* **Eclipse**
* **Equator**
* **Equinox**
* **Galaxy**
* **Gibbous**
* **Gravity**
* **Hemispheres**
* **Inner Planets**
* **Light Year**
* **Lunar Month**
* **Magnitude**
* **Meteor**
* **Moon**
* **Moon Phases**
* **Orbit**
* **Outer Planets**
* **Planets**
* **Pole Star**
* **Revolution**
* **Rotation**
* **Satellite**
* **Solar Noon**
* **Solar System**
* **Solstices**
* **Star**
* **Sun**
* **Sundial**
* **Universe**
* **Waning Moon**
* **Waxing Moon**

**Key Questions and Understandings:**

1. **Which celestial bodies emit light and which reflect light?**
2. **What is happening when stars and constellations “move” through the night sky?**
3. **How is the movement of objects in the night sky related to the Earth’s rotation?**
4. **Why should the Sun not be viewed directly or without protection?**
5. **How do shadows change throughout the day and why?**
6. **How does the length of the day and night change in relation to the season and why?**
7. **Describe the cycle of the moon’s phases. Why does this happen?**
8. **How are the other planets in the solar system different from Earth and what causes those differences?**
9. **What is the difference between rotation and revolution?**
10. **Why do we have 4 seasons?**