**Stars and Constellations**

**Basic Information:**

Unit Vocab: galaxy, phase, constellation, star, planet, moon, satellite, telescope, rotate, revolution, axis

* Stars and planets have different sizes, shapes, colors and patterns.
* There are an infinite number of stars in the sky and a finite number of planets for each star.
* As Earth revolves around the sun, constellations appear in different parts of the sky in different seasons.
* A star is an object in space that produces its own heat and light.
* Stars are identified by their location in a constellation.
* A constellation is a group of stars that ancient people thought formed a picture in the sky.
* Just as all planets are not the same distance from the Sun, all stars are not the same distance from the earth.