**Planet Research (8 main planets)**

Here are the possible areas to explore about each planet that we came up with as a class to help guide your research:

* How long one day is on each planet (rotating on it axis)
* How long one year is (orbit around the sun)
* The speed at which it orbits and rotates
* How many times does a planet rotate in its orbit?
* When was each planet discovered and how?
* Describe the weather on each planet
* Origins of each planetary name
* Describe the surface of each planet and the colors and why
* The mass and volume of each planet
* The atmosphere on each planet
* The circumference of each planet (distance around the outside of the widest part)
* Size comparison to Earth
* Gravity
* The distance from the Sun
* Minerals found on each planet/ what it’s made out of (surface and core)
* Radius (outside edge to the center) and diameter (outside edge to the other outside edge) of each planet
* Surface temperature and core temperature
* Gas giant or terrestrial planet
* How many moons does each planet have?
* Axis degrees of each planet
* Is there a possibility of life on each planet? What conditions suggest that?
* The magnetic field of each planet
* Does it have rings and what materials make up the rings?
* Is the planet visible from Earth? If so, when?
* What other interesting facts can you find?