

Name: _____ Room: _____



Class Notes/Review Outer Space

Observing the Solar System

- People believed incorrectly that we lived in a geocentric system with Earth as the center
- Our system is heliocentric with the sun as the center
- The planets orbit the sun in an elliptical pattern
- The planets have a defined order, and there are other objects in outer space

The Sun

- The sun has a core, radiation zone, and convection zone
- The sun's atmosphere consists of: photosphere, chromosphere, and the corona
- Some features of the sun are sunspots, prominences, and solar flares

The Inner Planets

- The four inner planets are terrestrial. They are small, dense, and have rocky surfaces.
- Earth is the only planet with liquid water. It is in the "Goldilocks Zone".
- Know unique facts about each planet and how each compares to Earth

The Outer Planets

- The outer planets are gas giants and have no solid surface
- Know unique facts about each planet and how each compares to Earth
- **Pluto is a planetoid, NOT a planet**

Comets, Asteroids, and Meteors

- What is each celestial body
- What is each made up of and where can it be found

Is there Life beyond Earth

- What is needed to sustain life
- Would other life look like us