* Which energy wave has the lowest energy? Radio waves.
* What causes the Earth’s seasons? Earth’s tilted axis.
* Do spring tides bring high or low tides? High tides.
* What are Kepler’s three laws? 1. Orbital paths are elliptical in shape. 2. A planet orbits faster when it is closer to the Sun. 3. The farther away a planet is from the Sun, the longer its orbital period (revolution time).
* What type of tide will there be when the Earth, moon, and Sun are in a straight line? Spring tide.
* What is the second largest wavelength on the EMS spectrum? MICROWAVES!
* When the Earth’s in precession, what is the term for the simultaneous movement or ‘wobbling’ that occurs? Nutation!
* What is the barysystem and how does it relate to our solar system? The center of mass/gravity between 2 objects. This can be shown between the Earth and the Sun.
* What happens to tides when the Moon, Earth and Sun are in a perpendicular to each other.
* What causes the Earth’s equatorial bulge? The speed of rotation on Earth’s titled axis.
* What season is it when the northern axis is pointed away from the Sun? WINTER
* If a star seems to be wobbling, what can we assume? That there is a planet orbiting it.
* How do we have seasons? A result of the Earth’s tilt.