

ASTRONOMY VOCABULARY

Motions of the Earth

Rotation	revolution	Coriolis Effect	Foucault pendulum
Solar noon	Time zones	Meridian	Prime meridian
International date line	summer solstice	Winter solstice	Equinox
Zenith	insolation	Tropic of Cancer	Tropic of Capicorn
Rotation	revolution		

Astronomy

Electromagnetic spectrum		Doppler effect	red shifts
Blue shift	spectroscope	stars	constellations
Circumpolar	astronomical unit	light year	luminosity
Perspective	apparent magnetide	absolute magnitude	main sequence
Red giants	super giants	white dwarfs	black dwarfs
Nova / supernova	nebulae	black hole	neutron star
Pulsar	galaxy	Milky way	Big Bang theory
Universe	solar system	ellipse	eccentricity
planetary day vs year		Law of Gravitational Attraction	

** Be able to identify on the electromagnetic spectrum, high and low energy wavelengths.

** Be able to explain the Doppler effect along with red and blue shifts of light

** Be able to read the star diagram in the ESRT and identify stars in regard to temp and luminosity

**Be able to describe the life process of a star from creation to death

** Be able to identify the sequence of sizes of celestial objects from the planet to the universe

** Be able to read the solar system chart and compare related facts of planets ie, rotation, revolution, eccentricity etc.

** Know how to make an ellipse using 2 pins, string and pencil.

** Be able to identify relative speeds of a satellite when revolving, Law of gravitational attraction

