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| Big Bang Theory | The belief that the Universe began from an explosion of a very dense atom. | http://meta-gaia.angelfire.com/big_bang_nageo.jpg\*Universe is still expanding |
| Galaxies | Collection of solar systems and stars | http://cdn.zmescience.com/wp-content/uploads/2013/04/spiral-arm2.jpgWe live in the Milky Way Galaxy |
| Doppler Effect | An increase (or decrease) in waves, of an observer moving towards or away from an object | http://rlapphysicssound.wikispaces.com/file/view/F05_23.jpg/167616331/F05_23.jpgred shift-moving away  blue shift-moving towards |
| Stars | Source of energy for solar systems  -various types (ESRT pg. 15) | http://tse1.mm.bing.net/th?id=OIP.Mb4cbea6827d45310410072fee69de07cH0&pid=15.1 |
| EM Spectrum | Electromagnetic spectrum is the range of all the possible frequencies of radiation. | http://www.pion.cz/_sites/pion/upload/images/a14cf10a5583d19f7cfdebd63cf64382_electromagnetic-spectrum.png |
| Solar System | Collection of planets around a star | http://chandra.harvard.edu/graphics/resources/illustrations/solsys/solarsys_poster.jpg |
| Terrestrial Planets | -Planets with land/rock  -Terrain | http://cseligman.com/text/planets/terrestrial.jpg |
| Jovian Planet | Gaseous Planets | https://s-media-cache-ak0.pinimg.com/236x/c0/97/1d/c0971d6e68bec483b3efa41637f2fda3.jpg |
| Planetary Rotation | The amount of time a planet takes to spin and make one day. | http://www.enterprisemission.com/images/Venus-and-Earth.jpg |
| Planetary Revolution | The amount of time it takes for a planet to move around a star/sun | http://mail.colonial.net/~hkaiter/aa_newest_images/earth_revolution%20copy.jpg |
| Ellipse | an **ellipse** is a curve on a plane surrounding two focal points | http://www-history.mcs.st-and.ac.uk/Curvepics/Ellipse/Ellipse1.gif |
| Eccentricity | The measure of how circular or oval an orbit is. | http://csep10.phys.utk.edu/astr161/lect/history/eccentricity.gif |
| Inertia | The resistance of an object to stay in motion. | http://artist-3d.com/free_3d_models/uploads/01inertia-model3d.jpg |
| Gravity | A force that pulls to the center of it’s mass. | http://eschooltoday.com/science/forces/images/GRAVITATIONAL-FORCE.jpg |
| Kepler’s Laws of Planetary Motion | Laws that describe planetary motion. | http://user.physics.unc.edu/~rowan/p24site/p24units/unit12/FG12_09a.JPG  Law of Equal Areas |