Nebula	Cloud of dust and gas from which stars are made
Gravity and **Thermal Pressure**	the two forces that determine whether a star is stable (balanced), shrinking or growing.
Nuclear Fusion	The process of nuclei combining that releases energy in a star (in the main sequence **Hydrogen fuses to make Helium**). This requires huge pressure from gravity.
Making Elements	All elements **up to Iron** are made in stars during their lifetime. Elements heavier than iron are only made during a **supernova.**
Dwarf Planet	too small to be a planet
Orbit	a path of one object around another
Satellite	any object which orbits another
Doppler Effect	The apparent change in wavelength (and frequency) of a wave when the emitter and receiver are moving towards or away from each other
Big Bang	A **theory** that the universe began as a very small, very hot **singularity.**

Redshift	•The increase in wavelength of light from distant galaxies.
Cosmic Microwave Background Radiation	Left over EM radiation from the high energy (very hot!) beginning of the universe

Life Cycle of Stars: