Satellite

Big Bang

Doppler Effect

Exmouth Community College Academy Trust			
PT1	6.XX P16: Space		
Nebula	Cloud of dust and gas from which stars are made	Redshift	•The increase in wavelength of light from distant galaxies.
Gravity and Thermal Pressure	the two forces that determine whether a star is stable (balanced), shrinking or growing.	Cosmic Left over EM radiation from the high energy (very hot!) beginning of the universe	
Nuclear Fusion	The process of nuclei combining that releases energy in a star (in the main sequence	Radiation	
	Hydrogen fuses to make Helium). This requires huge pressure from gravity.	Life Cy	cle of Protostar
Making Elements	All elements up to Iron are made in stars during their lifetime. Elements heavier than iron are only made during a supernova .	Stars:	Main sequence star, like the Sun
Durant Blanct		Red giant star	Red super giant star
Dwarf Planet	too small to be a planet	White dwarf	Supernova
Orbit	a path of one object around another		

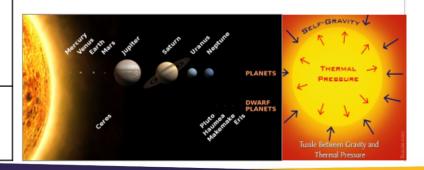
any object which orbits another

small, very hot singularity.

each other

The apparent change in wavelength (and frequency) of a wave when the emitter and receiver are moving towards or away from

A **theory** that the universe began as a very



Neutron star