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- I can name the proof for the big bang theory
- I can describe red & blue shift
- I can explain the differences between terrestrial & jovian planets

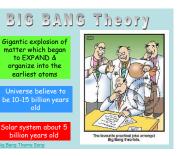
UNIVERSE





Majority of scientists today believe the universe began with **BIG BANG**





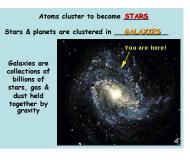
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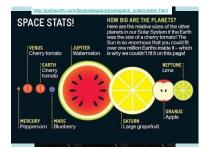


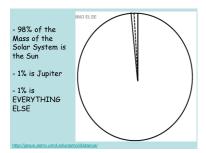


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Solar System Data							
Celestial Object	Mean Distance from Sun (million km)	Period of Revolution (d=days) (r=years)	Period of Rotation at Equator	Eccentricity of Orbit	Equatorial Diameter (km)	Hass (Earth = 1)	Density (p/cm²)
SUN	-	-	27 d	-	1,392,000	333,000.00	1.4
MERCURY	57.9	88 d	59 d	0.206	4,879	0.06	5.4
VENUS	108.2	224.7 d	243 d	0.007	12,104	0.82	5.2
EARTH	149.6	365.26 d	23 h 56 min 4 s	0.017	12,756	1.00	5.5
MARS	227.9	687 d	24 h 37 min 23 s	0.093	6,794	0.11	3.9
JUPITER	778.4	11.9 y	9 h 50 min 30 s	0.048	142,984	317.83	1.3
SATURN	1,426.7	29.5 y	10 h 14 min	0.054	120,536	95.16	0.7
URANUS	2,871.0	84.0 y	17 h 14 min	0.047	51,118	14.54	1.3
NEPTUNE	4,498.3	164.8 y	16 h	0.009	49,528	17.15	1.8
EARTH'S MOON	149.6 (0.385 from Earth)	27.3 d	27.3 d	0.055	3,476	0.01	3.5

- Other satellites orbiting our SUN: 1. ASTEROIDS
- -Solid rocky or metallic body that orbits the sun between Mars & Jupiter



2. COMETS

-Ices of water & methane mixed with rocky or metallic solids



3. METEOR

 small piece of a comet or asteroid also called "shooting stars"











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