

Directions: Read through the slideshow for each topic & fill in the definitions for these words.

Intro & Gravity

- 1) Elliptical-
- 2) Day-
- 3) Year-
- 4) Geocentric-
- 5) Heliocentric-
- 6) List of planets in order-
- 7) Winter solstice-
- 8) Summer solstice-
- 9) Equinox-
- 10) Axial tilt-
- 11) Celestial bodies-
- 12) Newton's First Law-
- 13) Newton's Second Law-
- 14) Law of Universal Gravitation-
- 15) Free fall-
- 16) Projectile motion-
- 17) Orbital motion-
- 18) Gravity Assist or Slingshot move-

EMR

- 1) Electromagnetic radiation-
- 2) Visible Spectrum-
- 3) Wavelength & units that measure it-
- 4) Frequency & units that measure it-
- 5) Constant for speed of light & units that measure it-
- 6) Emission Spectrum-
- 7) Spectral Analysis-
- 8) Spectrograph or Grating Spectroscope-
- 9) How astronomers use spectral analysis-

Scale & Big Bang

- 10) AU-
- 11) Light Year-
- 12) Parsec-
- 13) The Big Bang-

- 14) Singularity-
- 15) Time Zero-
- 16) Doppler Effect-
- 17) Red Shift-
- 18) Cosmic Background Radiation-
- 19) Photon-
- 20) Three fates of our universe-

Galaxies

- 1) Galaxy-
- 2) Types of galaxies-
- 3) Spiral galaxy-
- 4) Irregular galaxy-
- 5) Elliptical galaxy-
- 6) Milky Way-
- 7) Galactic core or Buldge-
- 8) Disk-
- 9) Dust lanes-
- 10) Arm-
- 11) Hubble Telescope-

Nebular Theory/Solar System

- 1) The Nebular Theory or Nebular Model-
- 2) Nebula-
- 3) Accretion-
- 4) Fission Theory-
- 5) Capture Theory-
- 6) Giant Impact Theory-
- 7) Satellite-
- 8) Comet-
- 9) Head-
- 10) Tail-
- 11) Nucleus-
- 12) Coma-
- 13) Asteroid-
- 14) Asteroid belt-
- 15) Meteoroid-

16) Meteorite-

17) Meteor-

Stars

1) Star-

2) Observatory-

3) Refracting telescope-

4) Radio telescope-

5) Apparent Magnitude-

6) Absolute magnitude-

7) H-R Diagram-

8) Main sequence-

9) Stellar Evolution-

10) Kelvin-

11) Nuclear Fusion-

12) Steps for the life span of an average sized star like our sun-

13) Protostar-

14) T-Tauri-

15) Red Giant-

16) White Dwarf-

17) Planetary nebula-

18) Solar Mass-

19) Range of size for an average star-

20) Range of size for a supergiant-

21) Steps for the life span of a supergiant star-

22) Supernova-

23) Pulsar-

24) Neutron star-

25) Black Hole-

Sun & Earth

1) Corona-

2) Radioactive zone-

3) Core-

4) Convection zone-

5) Photosphere-

6) Chromosphere-

- 7) Solar wind-
- 8) Sun spot-
- 9) Solar maximum-
- 10) Solar minimum-
- 11) Solar flare-
- 12) Space Weather-
- 13) Greenhouse gases-
- 14) Albedo-
- 15) Habitable-
- 16) Harmful effects of radiation-
- 17) Helpful effects of sun's radiation-