

Grade 9 Space

Test Outline

Must know the definition of each of the following:

Planet, Universe, Supernova, Neutron star, Red Planet, Inner Planets, Red Giant, Gas Giant, Nebula, Orbital Period, Black Hole, Galaxy Light wavelengths and colors, Sun, Comet, White Dwarf, Luminous and Nonluminous, Gravity, meteoroid, meteorite, Nuclear Fusion, Light year, Astronomy, Cosmology, Satellite, Constellations.

Reasons for our season (describe and use a diagram)

The tail of a comet (how does it form)

Calculate light years and use scientific notation

Know the order of the planets from closest to the sun to the furthest and describe 2 unique characteristics about each (Can't be position)

Know the three steps to the big bang theory

Diagram of the sun (Must be able to label and know which part is the visible part of the sun that can be seen during an eclipse)

Orbital period of Earth

Earth's Rotation and revolution (what does it cause?)

Name the 2 Space shuttles that exploded and in which years.

Which planets are on either sides of the asteroid belt?

How do stars and planets compare?