

8th Grade Science Midterm

Study Guide

Define the following words:

Heliocentric

Geocentric

Proton

Electron

Neutron

Potential Energy

Kinetic Energy

Density

Revolution

Rotation

Nuclear Fusion

Lunar Eclipse

Solar Eclipse

Write the order of the planets? Put a **Box** around the Largest Planet.

How long is the revolution of Earth?

How long is the rotation of Earth?

How long is the Revolution of the Moon?

Draw the location of the Earth Moon and the Sun during a **Lunar** Eclipse?

Draw the location of the Earth Moon and the Sun during a **Solar** Eclipse?

List 3 physical Features on the moon?

What are 5 Characteristics of Gas Giants?

What is the time difference between one High Tide to the next High Tide

An Atom is made of 3 subatomic particles what are they and what are their Charges?

When things are dropped they have an acceleration rate of what. What is the Acceleration rate of Gravity?

If the mass of an object is 10g and the volume is 2cm^3 What is the Density?