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Chapter 9 Lessons 4-5

Study Guide

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Test on Friday, March 4th

**Lesson 4: What are the Outer Planets?**

**Words to Know:**

Outer planet

Jupiter

Saturn

Uranus

Neptune

Ganymede

Titan

Triton

Methane

**Students should be able to:**

Identify the 4 outer planets in the correct order from the sun.

Compare and contrast features of each of the outer planets.

(For example: How are Jupiter and Saturn alike and different?)

Identify key features of each planet.

**Lesson 5: What are Asteroids, Meteors, Comets and Moons?**

**Words to Know:**

Asteroid

Meteoroid

Meteor

Meteorite

Comet

Coma

Dwarf Planet

Moon

**Students should be able to:**

Describe the key features of an asteroid.

Explain why more asteroids don’t hit Earth.

Identify and describe the various classifications of a meteoroid, meteor, and meteorite.

Describe the sun’s effect on a comet when it comes close to the sun.

Label a diagram of a comet

Explain what causes meteor showers.

Describe what is unusual about Pluto’s orbit

Recall the factors that led to Pluto being classified as a dwarf planet

Identify the phases of the moon in the correct order beginning with a new moon