NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PER.#\_\_\_ Week # \_\_\_

Chapter 28: The Sun-Earth-Moon System

Chapter 28.2 – The Moon

1) Briefly outline explorations of the moon. Discuss probes and manned missions.

Probes:

Manned Missions:

2) What makes our moon unique to the satellites of other planets? Discuss size and orbit.

3) Read the section on “the lunar surface” pg. 754. Define the following terms:

Albedo –

Highlands -

Maria/mare -

Impact crater -

Ejecta -

Rays -

Rilles -

4) Why are there many visible craters on the Moon, but few on Earth?

5) Discuss the composition of the moon.

How is similar to the Earth?

How is it different?

6) How were mountain ranges created on the moon if there are no tectonic plates?

Why do scientists think that there is no tectonic action on the moon?

7) Discuss the various theories that explain the origin of the Moon.

Compare the “Capture Theory”,

the “Simultaneous Formation Theory”

and the “Impact Theory”.

Which one is the most accepted theory and what are the problems with the other ones?

For Objectives

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