Solar System Study Guide Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Standard I Objective 2

I can identify the scientific evidence for the age of the solar system, including Earth. Ie. radioactive dating, radiocarbon dating

I can describe the nebular theory of solar system formation and the evidence supporting it (e.g., solar system structure due to gravity, motion and temperature; composition and age of meteorites; observations of newly forming stars.

I can compare the composition of objects in the solar system to their distance from the sun.

I can compare the size of the solar system to the Milky Way galaxy.

I can compare the size and scale of objects within the solar system.

I can evaluate the conditions that exist on the other planets and moons in the solar system In comparison to the Earth.