Study Guide for Chapter 2 Test

1. Read over your notes, activities, projects, and writing. Be familiar with concepts like the condensation theory (how stars/solar systems/planets form), when the Big Bang took place and evidence that it happened, where life began, differentiation/density-stratification, how water got here, how/why the atmosphere changed from the initial to the 3rd one we’re in now, how the moon formed.
2. Difference betweeen a planet and a star.
3. What are galaxies, types of galaxies, and approximate number of stars in galaxies.
4. How light and heavy elements are formed.
5. How we gather data on stars.
6. Evidence that water once existed on mars.
7. Why did life evolve in the oceans?
8. What happened before the rise of animals?
9. The reason(s) why earth has internal heat.
10. Evidence that planets are closer to Earth than stars.
11. Know why the formation of water on earth is so important for the evolution of life
12. Review the life cycle of low and high mass stars.
13. Be familiar with your vocab!
    1. Accretion
    2. Differentiation
    3. Nebula
    4. Galaxy
    5. Supernova
    6. Biosynthesis
    7. Outgassing
    8. Biosynthesis
    9. Density stratification
    10. Milky Way
    11. Comets
    12. Asteroids