**Chapter 4 “Space Exploration and Florida” Study Guide**

This Test will be divided in to 2 parts! There will be 18 multiple choice questions and 2 written response questions.

Re-Read the Chapter (ITS ONLY 3 LESSONS….SO EASY!!!!) (: And use this study guide as a guide to help you study. (:

1. Know that the HOTTEST STARS emit **gamma rays** not visible light.
2. Know that the SUN emits much of its energy as **visible light.**
3. Light from the Sun reaches Earth in about \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and it reaches Jupiter in about \_\_\_\_\_\_\_\_\_\_\_?
4. Longer Wavelength’s = \_\_\_\_\_\_\_\_ and Shorter Wavelength’s = \_\_\_\_\_\_\_\_\_\_\_. (look at figure 1 page 142).
5. Know what a Hubble Space Telescope is.
6. What is special about the Kepler mission?
7. Would a radio telescope leave Earth to collect data? Yes or No….
8. Know all the parts of the electromagnetic spectrum….
9. What is a radio telescope?
10. Know what a Hubble Space Telescope is used for.
11. What is a lunar probe?
12. Know the difference between a Spitzer Space Telescope and a James Webb Space Telescope.
13. Know the definition of Extraterrestrial Life.
14. Which type of probe uses a parachute? (Refer to Figure 12 pager 155)
15. Know the four planetary missions. You also need to know where each one was sent to. (Refer to page 162)
16. What is Project Apollo? Who challenged the American people? How long did it take to work on this project and who was involved in it?