

Science 9
Space Unit: Other Objects in the Solar System Assignment

Total: /22

Using the information provided in your notes as well as pages 430 -433 to answer the following questions. If you can be neat all your answers can be placed on this sheet.

1. What is believed to have caused the extinction of the dinosaurs and many other species? (1)
2. What is an asteroid? Where is the asteroid belt found? (2)
3. Why do scientists think the asteroid belt didn't form into a planet? (1)
4. Name two asteroids? (2)
5. What are natural satellites? (1)
6. Describe two characteristics of Earth's moon. (2)
7. What has been used to investigate the moons of other planets besides earth? (1)
8. What two planets have the most moons? (2)
9. Name a use that moons and asteroids could have to humans on earth. (1)
10. Explain the difference between a meteoroid and a meteorite. (2)
11. What is a meteor shower a result of? (1)
12. Is it accurate to call meteors shooting stars? Explain why or why not. (2)
13. Halley's comet was last seen in 1986, when will it be seen again? (1)
14. Both comets and planets orbit the Sun. How do their orbits differ? (1)
15. What probe was sent to investigate the minor bodies? Why did scientists send this probe? (2)