

Earth Science – Course Syllabus

Mrs. Curry – Room B102 (6th Grade Building)

Drake Middle School

2009 – 2010

Text: STC/MS Catastrophic Events, STC/MS Earth in Space, Earth Science – McDougal Littell

Materials: Plastic folder with brads/notebook paper, Binder w/dividers, pencils, 12 pack color pencils, glue sticks

Course Description:

The curriculum for 6th grade focuses on Earth and Space Science. We will focus on Earth Science the first semester, and move on to Space Science during the second semester. We will be using two hands-on science modules that cover the objectives outlined in the Alabama Course of Study – Science (Catastrophic Events and Earth in Space). The lessons and labs in the modules are inquiry based, which allows students to develop critical thinking skills and problem

_____ 8. What did Kepler observe about the movement of Mars?
a. It has a circular orbit
b. Its moons have different orbits
c. It had an ellipse-shaped orbit
d. None of the above

Mark each of the following statements True or False.

_____ 9. One astronomical unit (AU) is about 150 million kilometers

_____ 10. Distances from the Earth to other planets can be given in _____

_____ 11. Planets move faster when they're far from the sun, and th _____

_____ 12. The time it takes for a planet to travel around the sun can _____ distance from the sun.

_____ 13. What question was Kepler unable to answer?

_____ 14. True or False-Newton provided an explanation of how gra _____

_____ 15. Newton's universal law of gravitation tell _____ depends on the distance from another obj _____

_____ 16. _____

_____ 17. Moving two objects away from each oth _____ them. (increases or decreases)

_____ 18. True or False-Because of its velocity and the pull of gravi _____

_____ Aus rather than kilometers.

_____ ey move slower when they're close to the sun.

_____ be used to calculate the planets average

_____ vity works.

_____ s us that the effect of 15 on an object _____ ct and the 16 of each other.

_____ er _____ the gravitational attraction between _____

_____ y, the moon stays in orbit around the Earth.