Scientific Revolution Quizlet Activity

This is a matching activity. There are two sections definitions and words. Each definition matches a word. To complete this assignment all you need to do is let Mr. G know that you completed it. You don’t have to write the answers on the paper or turn it in.

Definitions:

1. Ancient Greek thinker, astronomer, mapmaker who said the sun orbited the earth

2. The series of events that led to the birth of modern science is called the \_\_\_\_\_\_\_\_\_\_\_\_?

3. What Polish astronomer did NOT want to publish his book because he feared persecution or death at the hands of church leaders?

4. Copernicus was the first to say that the \_\_\_\_\_\_\_\_\_ and other planets orbited the\_\_\_\_\_\_\_\_.

5. Name the astronomer who proved the planets move in elliptical, not circular orbits.

6. Newton said that \_\_\_\_\_\_\_\_\_\_\_\_\_ holds planets in orbit around the sun.

7. What Danish scientist charted the position of more than 750 stars and emphasized the importance of careful observation and accurate records?

8. Newton described three laws of \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ that showed how objects move and stop moving in space.

9. What tool did Galileo use to study astronomy?

10. During and after the Scientific Revolution, people learned about the natural world by making observations and conducting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11. Bacon and Decartes made contributions to the creation of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ method.

12. What do we call a step by step method for performing experiments and other scientific research? "\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_"

13. French philosopher who taught that we should doubt everything unless proven. He came up with the phrase, "Cogito Ergo Sum",(I think therefore I am) and helped create the scientific method.

14. English philosopher/scientist who helped create the scientific method. He died from bronchitis after conducting experiments on preserving meat with ice.

15. Galileo was put on trial by the \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ for publishing his ideas about the planets orbiting the sun.

16. What person did the Catholic Church try to get to admit that the earth was at the center of the universe and did not move?

17. Galileo developed a mathematical formula that showed all \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ fall at the same speed.

18. Model of the universe developed by a Polish monk with the sun at the center and planets moving around the sun in circular orbits.

19. Scientist who discovered the moon had craters and the sun had spots

20. Identify problem, do background research, Form Hypothesis, test your hypothesis with experiments, Analyze Data, Form Conclusions

21. Francis Bacon believed life improved through \_\_\_\_\_\_\_\_\_\_\_\_\_

22. (1596-1650) French philosopher, discovered analytical geometry. Saw Algebra and Geometry have a direct relationship.

fathers of scientific method

23. published a study of human anatomy

Words:

a. Kepler

b.motion

c. experiments

d. Descartes

e. Andreas Vesalius (1514-1564)

f. Scientific Revolution

g. Bacon and Descartes

h. Steps of the Scientific Method

i. objects

j. Bacon

k. Galileo

l. Inquisition

m. gravity

n. Scientific

o. Descartes

p. telescope

q. Ptolemy

r. Copernicus

s. scientific method

t. science and knowledge

u. Galileo

v. Brahe

w. Copernican

x. earth, sun