Name: Section:

**Scientific Revolution (Day 5)**

EQ: Why were Galileo’s finding controversial?

Part One: Geocentric vs. Heliocentric

1. In the geocentric theory the universe revolves around the \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. In the heliocentric theory the universe revolves around the \_\_\_\_\_\_\_\_\_\_\_\_\_.

Circle the theory that was “discovered” first.

1. According to the video, why were the scientific discoveries controversial in the 1500 and 1600s? What was Galileo’s role in the discoveries?

Part Two: Judging Galileo

**Document A: Galileo’s Letter**

1. When was the document written?
2. Look at your timeline. Why might Galileo write a letter defending himself at this time?
3. According to Galileo, how does he defend himself against the charges of heresy?
4. Using the information on your timeline, do you think the Catholic Church would accept Galileo’s defense? Why or why not?

**Document B: Cardinal Bellarmine**

1. Explain two reasons Cardinal Bellarmine gave for believing the geocentric theory.
	1.
	2.
2. How did Cardinal Bellarmine respond to the following arguments from Galileo?
	1. The Bible passages about the sun standing still should NOT have been interpreted literally.
	2. The model of the universe (heliocentric or geocentric) is NOT a matter of salvation.

1. Why do you think the Catholic Church was so committed to defending the literal meaning of the Bible passages?

**Judgment of Galileo**

Directions: Imagine you are a member of the Inquisition at Galileo’s trial. You have the following evidence: Heliocentrism and the Catholic Church Timeline, Document A, and Document B. Decide your answer to the question: **Was Galileo really a heretic?** Explain your response below.

Galileo \_\_\_\_\_\_\_\_\_\_\_\_\_ (was/was not) a heretic because…

|  |  |
| --- | --- |
| **Reason** | **Quote from a doc. to support your reason** |
| 1.  |  |
| 2.  |  |

**Document C:**  Condemnation of Galileo

1. What two reasons did the Church give for declaring Galileo was a heretic?
	1.
	2.

**Document D:** *Vatican Science Panel Told by Pope: Galileo was Right*

1. Why did Pope John Paul II say the Church’s treatment of Galileo was wrong?
2. Why was it easier for the Church to side with Galileo in 1992 than in 1633?