What was the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_? The emergence of modern science when developments in mathematics, physics, astronomy, biology, human anatomy, and chemistry transformed views of society and nature.

1. \_\_\_\_\_\_\_\_ of the Scientific Revolution
	1. Medieval intellectual life and medieval universities
	2. The Italian \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. Renewed emphasis on mathematics
	4. Better scientific instruments
2. Scientific “Revolutionaries”
	1. \_\_\_\_\_\_\_\_\_\_\_\_: aimed to glorify God
		1. \_\_\_\_\_\_\_\_-centered universe (heliocentric)
		2. Earth no different than any other planet
	2. Tycho \_\_\_\_\_\_\_\_\_\_: arrogant Danish nobleman
		1. Discovered \_\_\_\_\_\_\_\_\_\_\_\_\_\_ shooting right through spheres in space
		2. Most advanced observatory
	3. Johannes \_\_\_\_\_\_\_\_\_\_\_: student of Brahe
		1. Planetary \_\_\_\_\_\_\_\_\_\_ confirms to mathematical formula; elliptical orbits
	4. Francis \_\_\_\_\_\_\_\_\_: Father of the Scientific Revolution
		1. The inductive method (AKA the \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_)
	5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Galilei: mathematical formula for falling objects
		1. Law of inertia (\_\_\_\_\_\_\_\_\_\_\_\_)
		2. Discoveries using the telescope: proved the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ theory
		3. Father of Modern Science
	6. Rene \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: the deductive method
		1. Significance of \_\_\_\_\_\_\_\_\_\_: consider any false belief that falls prey to even the slightest doubt. “I think; therefore I am”
		2. Father of Modern Philosophy
	7. Isaac \_\_\_\_\_\_\_\_\_\_: physics and gravity (apple falling out of the tree)
		1. Color white = composite of \_\_\_\_\_ colors
		2. Three \_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_:
			1. Stationary body will stay \_\_\_\_\_\_\_\_\_\_\_\_\_ unless an external \_\_\_\_\_\_\_\_\_ is applied to it
			2. The relationship between mass, acceleration, and force is F=ma
			3. For every \_\_\_\_\_\_\_\_\_, there is an \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ reaction
3. Consequences of the Scientific Revolution
	1. Rise of the \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ (Royal Society of London)
	2. Modern \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_
	3. A universe ordered according to \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_
	4. \_\_\_\_\_\_\_\_\_ view of God: God doesn’t intervene with the functioning of the natural world