Quang Huynh   
**Scientific Revolution**

**Causes** - Because to the increasing distrust of the church, people had started to resort to more logical understandings of the world around them. This along with the renaissance allowed a golden age of science to start.

**Scientific Revolution -** The period of flourishing technological advancement during the Renaissance which had led to the industrial revolution. The industrial revolution had even more tools and achievements.

**New Questions and Methods -** People started to consider the ideas of the people of the classical era. They had decided that there must be rational, mathematic solutions to problems and questions.

**Astronomy** - Astronomers carefully tracked the movement of stars and planets across the sky. Numerous irregular movements had made scientists believe that something was wrong about their current model of celestial bodies rotating around the Earth, and Earth being the center.

**Nicholas Copernicus** - An astronomer that came up with the theory that changed the very idea of astronomy. That the objects in the solar system didn’t orbit the earth, but the Sun. Essentially, the everything in the solar system orbits the Sun.

**Heliocentric vs. Geocentric Theories** - Heliocentric is the idea that the planets and asteroids orbit the sun. Geocentric is the idea that the planets and sun orbit the Earth.

**Johannes Kepler** - Johannes Kepler had assisted in building the best observatory in Europe at the time and his findings had supported the Heliocentric model of the solar system.

**Galileo Galilei** – Galileo used an advanced telescope that helped him see the sky, he found out that other planets had observable features and were not perfect spheres of light. The telescope allowed him to see further in the sky, and with more detail than the visible eye.

**Telescope** - Allowed the user to magnify the power of their own eye to see the sky and cosmos better, with more detail.

**Religions and the Scientific Revolution** - Most religions had looked down on the new Scientific Revolution. Some of the research could directly disprove things that were claimed to be done by higher powers.

**View of the Roman Catholic Church** - The Roman Catholic Church didn’t hide the findings right away as most of the scientists were Catholics. The scientists also argued that their findings were a just a more pure form of God’s language, just less only dumbed down for the common folk.

**Robert Boyle** – Robert Boyle supported the new scientific findings and even helped to print papers about the research. He also supported the experimental method.

**Isaac Newton** – Newton used Galileo’s idea that all planetary bodies share similar physics to earth he came up with the theory of gravity.

**Scientific Method** - The method still used today when proposing a problem, hypothesis, experiment, and testing your results.