Old Science vs New Science
- Old scientific theories were based off of assumption and religion.
- New scientific theories were based off of observation and experimentation.

The Scientific Revolution
- Revolution = Change
- New ways of thinking about the natural world occurred.
  - Heliocentric world replaces Geocentric.
  - Sun Centered replaces Earth Centered
  - Proven by Galileo

The Enlightenment
- The Enlightenment – An intellectual movement that stressed reason and thought to solve problems.

Thomas Hobbes
- Believed humans were naturally selfish and wicked.
  - People work in their own self-interest.
  - People **need** governments
- Hobbes was a cynical person.
  - Cynical – Expressing skepticism or negativity.
  - Hobbes’ Social Contract – The people give absolute power to the government (a king) in order to keep the people under control.

John Locke
- Believed people are born free and equal with natural rights.
  - Life, Liberty, and Property
- Felt as though the people should govern themselves.
• Purpose of government is to protect the rights of the people

Voltaire
   ○ Wrote about freedom of speech and religion.
   ○ Believed the people should be guaranteed freedoms.

Montesquieu
   ○ Believed in a separation of powers in order to keep one person from gaining too much control.

Rousseau
   ○ Stressed laws should govern the people, not monarchs.
   ○ Governments were to be guided by the will of the people.

Rousseau’s Social Contract
   ○ A new social contract
      ○ People give up small parts of their freedom so that the government can act for the good of the governed.

Mary Wollstonecraft
   ○ Argued for women’s rights.
   ○ Believed in equal education for women.

Cesare Beccaria
   ○ Opposed torture and other cruel punishments.
   ○ Believed laws were meant to preserve social order, not punish criminals.

The Enlightenment Spreads

New Artistic Styles
   ○ Salons begin to develop
      • Salon – A social gathering where intellectuals met to discuss their ideas.

Changes in Art
A new style called baroque becomes popular.

- Baroque – Very detailed and grand designs.

Enlightenment Music

- Before the enlightenment, most music was simple choral music.
- During the enlightenment, new music styles emerged.
  - Baroque Music – Complex and dramatic
  - Classical Music – Lighter and more elegant music.