### AP European History

**Unit 6**

**Chapter 16: Toward a New Worldview, 1540 to 1789**

- 10/24 to 11/7
- Read pgs. 502-539
  - The Scientific Revolution
  - The Enlightenment
  - Enlightened Absolutism

### Learning Targets/Objectives

1. What revolutionary discoveries were made in the sixteenth and seventeenth centuries?
2. What intellectual and social changes occurred as a result of the Scientific Revolution?
3. What new ideas about society and human relations emerged in the Enlightenment, and what new practices and institutions enabled these ideas to take hold?
4. What impact did new ways of thinking have on political developments and monarchical absolutism?

### Terms and People – list from the book

| Origins of Scientific Revolution | Encyclopedias – Impact |
| - From who??? | - Catholic Enlightenment |
| Scientific Thought | - David Hume |
| Natural Philosophy | - Adam Smith |
| Aristotle - view | - Impact |
| Medieval scientific thought | - Kant |
| Renaissance scientific change | - Ceesare Beccaria |
| Ptolemy – view | Reading Revolution |
| Printing Press affect | Salon |
| Navigational changes | - Salonnieres |
| Copernican | - Madame du Deffand |
| - Hypothesis | - Coffeehouse culture |
| - Religious response | Rococo |
| Brahe | Race and Enlightenment |
| Kepler | - Who vs. who???
| Galileo | Enlightened Absolutism |
| - Experimental method | - How where the  |
| - Law of inertia | following examples |
| - Ideas | of… |
| - Catholic response | Frederick the Great of Prussia |
| Newton | Cameralism |
| - Ideas | Catherine the Great of Russia |
| - Law of universal | - Break up of Poland |
| | gravitation |
| - Impact on Sci Rev? | Austrian Hapsburgs |
| Bacon | - Charles VI |
| - Empiricism | - Maria Theresa |
| - Ideas | - Joseph II |
| Descartes | Jewish Life |
| - Ideas | Haskalah |
| - Cartesian dualism | New Toleration |
| Medicine, the Body and Chemistry | |
| Gov't Response to Science??? | |
| Paracelsus | |
| Boyle | |

**All learning targets and terms need to be highlighted and fully explained on the outline you turn in.**

The next page has terms that are repeated, some are hyperlinked on my webpage. I got this from an AP guru.
- Aristotle
- cosmology
- Ptolemy
- geocentric theory
- Galen
- alchemy
- Paracelsus
- kabbalah
- Pythagoras
- Andreas Vesalius
- Archimedes
- *On the Fabric of the Human Body*
- NicholausCopernicus
- heliocentric theory
- *On the Revolutions of the Heavenly Spheres*
- Gregorian Calendar
- Tycho Brahe
- Johannes Kepler
- Laws of Planetary Motion
- Galileo Galilei
- empiricism
- inertia
- *Dialogue on the Two Great World Systems*
- *Two New Sciences*
- "music of the spheres"
- William Harvey
- Isaac Newton
- *Principia Mathematica*
- epistemology
- *a priori*
- scientific method
- inductive reasoning
- Francis Bacon
- *New Atlantis*
- deductive reasoning
- René Descartes
- *Cogito, ergo sum! (I think, therefore I am!)*
- *A Discourse on Method*
- Cartesian dualism
- mechanism
- Blaise Pascal
- *Pensées*
- Law of Probability
- pantheism
- Marin Mersenne
- Robert Boyle
- Royal Society of London
- French Royal Academy of Sciences
- Margaret Cavendish
- Maria Sibylla Merian
- Maria Winkelmann
- Benedict de Spinoza
- skepticism
- rationalism
- Voltaire
- Candide
- Joseph Priestly
- Antoine Lavoisier
- mersmerism
- G. L. Buffon
- Pierre Bayle
- Edict of Tolerance
- Joseph II [Austria]
- Age of Enlightenment
- Benjamin Franklin
- Thomas Jefferson
- Thomas Paine
- deism
- Crush the infamous thing!
- philosophes
- Edward Gibbon
- Immanuel Kant
- David Hume
- Baron de Montesquieu
- relativism
- checks & balances
- Physiocrats
- François Quesney
- Denis Diderot
- Encyclopédie
- Paul d’Holbach
- Marie-Jean de Condorcet
- Jean Jacques Rousseau
- Emile
- *The Social Contract*
- General Will
- "Noble Savage"
- "enlightened" absolutism
- Catherine the Great
- Charter of Nobility
- Pugachev Rebellion
- cameralism
- Rechtsstaat
- oligarchy
- George III
- John Wilkes - *The Spirit of the Laws*