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so many fake sites. this is the first one which worked! Many thanks

World History Chapter 22 Notes  
Enlightenment & Revolution

Section 1  
The Scientific Revolution

Scientific Revolution

- Middle Ages scholars based their ideas on the works of ancient Greek thinkers such as Aristotle, Ptolemy, and Galen
- Believed earth was flat and that it was the center of the universe
- 1500's - Scientific Revolution began

Nicolas Copernicus

- Proved that the earth was round and that it rotated on its axis as it revolved around the sun
- Sun was at the center of the universe
- He was afraid to publish his ideas

Johannes Kepler

- Used mathematical formulas to show that the planets revolve around the sun
- Proved planets move in oval paths called ellipses
- Kepler challenged the teachings of academic and religious leaders (Protestant)

Galileo

- 1609 - built telescope and observed night skies
- became convinced that Copernicus's theory was correct
- Catholic Church forced him to recant his work
- Continued to work in secret
- Helped to establish the universal laws of physics

Francis Bacon

- English philosopher who claimed that ideas based solely on tradition or unproven facts should be completely discarded
- Helped develop the scientific method

Isaac Newton

- Developed theory of universal gravitation
- Developed calculus to prove his theory

William Harvey

- English physician who made advances understanding human anatomy
- Discovered that blood circulates through the body pumped by the heart
- Disproved many of Galen's hypotheses
- Liver digested food and processed it into blood

Robert Hooke

- Used newly invented microscope to discover the cell

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**Chapter 22 Enlightenment And Revolution Test Answers**