

Chapter 17

Section 1

Guided Reading Questions

1. Why did Copernicus hesitate to publish his heliocentric theory?
2. Why were many in Europe hesitant to accept Copernicus's theory?
3. How did Kepler help support Copernicus's theory?
4. Why can we consider Galileo to be a true scientist?
5. How was Galileo's defense of the Copernican theory received?
6. Newton's law of inertia helped to explain what?
7. Newton explained how planets maintain their orbits with what?

Vocab

Sir Francis Bacon (before sect. 1)

Ptolemaic model

Copernican theory

Kepler

Galileo

the Inquisition

Newton

calculus

gravity

Section 2

Guided Reading Questions

1. Medieval alchemists believed that all matter was composed of what four elements?
2. What changes did Robert Boyle make to this way of thinking?

Vocab

Arabic numerals

Robert Boyle

Section 3

Guided Reading Questions

1. Describe the state of European medical practice through the Middle Ages?
2. What contribution did Vesalius make to the medical field in the early 1500's?

Vocab

Galen

Vesalius

anatomy

Section 4

Guided Reading Questions

1. What effect would the discovery of natural laws have on the study of people and society?
2. Philosophers of the Enlightenment based their hopes for the future on what source of progress?
3. The intellectual movement of the Age of Reason is known as what, and why?
4. Briefly summarize Locke's social contract theory.
5. The social contract theory could be used to justify what?
6. What was the most important contribution of the Baron de Montesquieu?
7. What was Voltaire's basic religious belief?
8. How would organized religion view the Deist movement?
9. How could Rousseau's idea of the General Will become undemocratic?
10. What was Diderot's motive for compiling his encyclopedia?
11. Why would satire develop as a literary form during the Enlightenment?
12. What new musical form appeared during the Enlightenment?
13. What architectural style developed during the Enlightenment?

Vocab

natural laws

Age of Reason

Enlightenment

John Locke

natural rights

social contract

**Thomas Hobbes

Baron de Montesquieu

political science

Voltaire

Deism

Jean Jacques Rousseau

the General Will

satire

**Adam Smith