

Chapter 21

Section 1

Guided Reading Questions

1. List three factors that encouraged the start of the Industrial Revolution in England.
3. What were the two movements included in England's Agrarian Revolution?
4. What advantages are associated with the enclosure movement?
5. What problems resulted from the enclosure movement?

Vocab

Industrial Revolution

factory system

exploitation

industrialization

capital

joint-stock company

Agrarian Revolution

Jethro Tull

Charles Townshend

Robert Bakewell

enclosure movement

Section 2

Guided Reading Questions

1. What role did Eli Whitney play in the Industrial Revolution?
2. How did mechanical production automatically lead to the factory system?
3. What did the factory system replace?
4. What advances in transportation were most important to the spread of industrialism?
5. What were the major effects of improved transportation systems during the 1800's?

Vocab

cottage industry/domestic
system

John Kay

James Hargreaves

Richard Arkwright

Eli Whitney

Abraham Darby

Henry Bessemer

turnpike

John McAdam

Thomas Newcomen

James Watt

George Stephenson

Robert Fulton

capitalism

corporation

Section 3**Guided Reading Questions**

1. By the 19th century, Europeans saw science as what?
2. How are molecules formed?
3. How did Justus von Liebig explain the success of Townshend's crop rotation?
4. What commodity became the most important by-product of petroleum?
5. Edward Jenner was responsible for what modern medical practice?
6. What is the objective of pasteurization?
7. What man is given credit for solving one of the most dangerous problems associated with 19th century surgery?
8. 19th century advances in medicine had what results?
9. Describe Darwin's theory of natural selection.
10. What three ideas became the basis for Darwin's theory of evolution?
11. Why did many object to the theory of evolution?
12. Sigmund Freud explained human behavior as responses to what?

Vocab

John Dalton

Alessandro Volta

Michael Faraday

Marie Curie

Samuel Morse

Alexander Graham Bell

Thomas Edison

Guglielmo Marconi

petroleum

gasoline

Edward Jenner

anesthetics

Louis Pasteur

Joseph Lister

Charles Darwin

natural selection

evolution

Gregor Mendel

Ivan Pavlov

Sigmund Freud

Section 4**Guided Reading Questions**

1. How did the growth of the middle class encourage the growth of the arts?
2. Romanticism grew out of a reaction to what Enlightenment movement?
3. Many Romanticist writers looked to what historical period for themes for their works?
4. Romanticism was reflected in a revival of what type of architecture?
5. How was Realism different from Romanticism?
6. Realist writers like Dickens hoped to achieve what?
7. What was the aim of the Impressionists?
8. In architecture, Romanticism was replaced by what?
9. What emotion dominated the works of composers like Wagner and Mussorgsky?

Vocab

Romanticism

Realism

Charles Dickens

Impressionism