

Industrial Revolution Study Guide

Please use this study guide to prepare for the Industrial Revolution test:

Terms:

- Industrial Revolution: economic changes of the late 1700's, when manufacturing replaced farming as the main form of work.
- Factory System: method of production using many workers and machines in one building
- Interchangeable Parts (Know at least 3 ways this impacted manufacturing): identical parts made to certain specifications that led to them being able to fit on assemblies of the same type. Changed factory by allowing use of unskilled workers, easier repairs, mass production.
- Rural to Urban Migration: people left family farms and moved into large northern cities to work

People and Inventions:

- Samuel Slater: Textile Mills: where did he come from, how, and why.
- Francis Cabot Lowell (Lowell mills): textile mills/factory towns
- Robert Fulton: Steamboat
- Peter Cooper: Steam-powered Locomotive
- Samuel FB Morse: Telegraph
- John Deere: Steel plow
- Cyrus McCormick: Mechanical Reaper
- Eli Whitney: Interchangeable parts AND cotton gin

Concepts:

- What were the causes and effects of the War of 1812?

Causes: British impressment, Canada, British encouragement of native resistance

- Where were the first mills and factories of the Industrial Revolution seen and why?

New England they were powered by water at first (fast flowing rivers), then steam, then coal

- What was the impact of the cotton gin on slavery?

Increased slavery. As textile production increased in the north, the demand for cotton increased in the south. This invention sped up the process of getting the fibers out of the plant but more land was bought, more cotton was planted, which led to the need for more slaves.

- How did new farming techniques connect the different regions in the U.S.?

Midwestern farmers grew food to feed Northeastern factory workers. In turn Midwestern farmers bought products manufactured in the northern factories.

- How did the new inventions improve American life?

Women and children working, immigration, growth of large cities, urban migration

- What were the impacts of the Industrial Revolution?

Growth of cities, unskilled workers, immigration, child labor, pollution, increased slavery