

APUSH Chapter 9 Notes
Economic Transformation 1820–1860

I. The American Industrial Revolution

A. The Division of Labor and the Factory

1. Two great changes defined the early nineteenth century American economy: the growth and mechanization of industry (the Industrial Revolution) and the expansion and integration of markets (the **Market Revolution**).
2. Industrialization came to the United States between 1790 and 1820 as merchants and manufacturers increased output of goods by reorganizing work and building **factories**. The “outwork system” was a more efficient **division of labor** and lowered the price of goods, but it eroded workers’ control over the pace and conditions of work.
3. For tasks not suited to outwork, factories were created where work was concentrated under one roof and divided into specialized tasks.
4. Manufacturers used newly improved stationary steam engines to power their mills and used power-driven machines and assembly lines to produce new types of products.
5. Some Britons feared that American manufacturers would become exporters not only to foreign countries but even to England.

B. The Textile Industry and British Competition

1. British textile manufacturers were particularly worried about American competition; Britain prohibited the export of textile machinery and the emigration of mechanics who knew how to build it, but many **mechanics** disguised themselves as ordinary laborers and set sail.
2. Samuel Slater brought to America a design for an advanced cotton spinner; the opening of his factory in 1790 marked the advent of the American Industrial Revolution.
3. America had an abundance of natural resources, but British companies were better established and had less-expensive shipping rates, lower interest rates, and cheaper labor.
4. Congress passed protective legislation in 1816 and 1824, levying high taxes on imported goods; tariffs were reduced again in 1833, and some textile firms went out of business.
5. American producers used two other strategies to compete with their British rivals. First, they improved on British technology; second, they found less expensive workers.
6. By copying the machines of British textile mills, Francis Cabot Lowell’s Boston Manufacturing Company was able to build the Waltham factory, the first American factory to perform all the operations of cloth making under one roof at higher speeds than British mills and with fewer workers.
7. The Boston Manufacturing Company pioneered a labor system that became known as the “Waltham plan,” in which the company recruited farm women and girls as textile workers who would work for low wages.
8. By the early 1830s more than 40,000 New England women worked in textile mills; women often found this work oppressive, but many gained a new sense of freedom and autonomy.

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Tom Meltzer



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the murderers The reader will be riveted to the details of a gracious life in pursuit of the call of God from the pulpit to the streets and ultimately into the courtroom

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Cracking the AP U. S. History, 2004-2005 Tom Meltzer, 2004

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