



Academic Activity Chapter 10

The Industrial Revolution

Over the course of history manufacturing progressed from an individual creating hand-made items, to an individual guiding apprentices through the creation of items, to the rapid reproduction of items by many people using machines, and finally the automated manufacture of items by machines, overseen by only a few technicians. The largest single step in the progression is a time period called the industrial revolution. Go online to discover more about the industrial revolution and manufacturing. Discuss the following completely and in your own words.

- 1. When did the industrial revolution occur in Europe? In the United States?**

- 2. What were some of the earliest products of the industrial revolution? What were the machines that spurred the rapid expansion of this manufacturing?**

- 3. What were the financial changes for manufacturers that occurred during the industrial revolution? Why did these changes occur?**

- 4. What powered the machines in manufacturing plants in the 1800's? How was it generated?**

- 5. What did the industrial revolution do to transportation? Why?**



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6. Search the Internet for an image of a steam-powered machine from the industrial revolution. Then search for an image of a machine that performs a similar task today. Print both pictures and glue them to a piece of paper. Compare and contrast their functions. Label 5 similarities. Find out what the production capacity (number of items per time period) of each is and write it underneath the appropriate image. Which is more functional for its time period? Why?
