

WHAT WERE SOME OF THE INVENTIONS OF THE INDUSTRIAL REVOLUTION?

- Flying shuttle - machine that allowed automatic weaving.
- Spinning jenny - invented by James Hargreaves, the machine used eight spindles onto which the thread was spun, so by turning a single wheel, the operator could now spin eight threads at once.
- Water frame - used waterpower to drive spinning wheels.
- Cotton gin - invented by Eli Whitney in Georgia, the cotton gin removed seeds from cotton.
- Steam engine - invented by James Watts, the steam engine converted heat energy into mechanical work using steam. This was applied to two modes of transportation:
 - Steamboat
 - Locomotive
- Steamboat - invented by Robert Fulton, the first steamboat, called the *Clermont*, significantly cut travel time by water.
- Locomotive - invented by Richard Trevithick, allowed for faster transportation of goods and people by land.
- Telegraph and Morse code - invented by Samuel F.B. Morse, the telegraph and morse code (a series of short and long clicks used to convey messages over a telegraph wire) revolutionized communication making it almost instantaneously when communication before took weeks or even months.

World History

Unit 7: Industrial Revolution

Mrs. Quarles

- Lightbulb - first invented by Warren de la Rue from Britain, but the first to get a patent on it was Thomas Edison, giving him the credit of being first.

Big Industry and Robber Barons

- Bessemer Process - developed by Henry Bessemer, this process created steel from iron.
- Andrew Carnegie - started a steel company and sold it to US Steel. It is still in existence in Birmingham, AL.
- JD Rockefeller - owner of Standard Oil who used underhanded business practices to get rid of his competition by dropping oil prices so low that it forced others out of business. He would then raise the prices because he had created a monopoly.
- Henry Ford - introduced the assembly line that increased automobile production, decreasing the price of cars. This led to the creation of the suburbs, an outlying district of a city that is residential.