The Industrial Revolution
1780-1820: Themes

- Industrial Revolution and economic change
- Demographic change
- Agricultural innovation
- Mechanization and technology
- Labor in the industrial revolution
Industrial Revolution how we think of it.
Industrial Revolution and economic change

- Pace of change
- Think of it as factories, urban and mechanised
Industrial revolution and economic change

- But as often it was handicraft, rural and basic technology
Industrial revolution and economic change

- The domestic female spinner was the typical worker
Industrial revolution and economic change

- Even the first factories were in the countryside
- New Lanark
Demographic Change: the long term: 1701 and 1911
Demographic change

- Eighteenth century from 5m to 9m
- Death rates and birth rates
- The importance of the 1740s
- Economic expansion and population growth
Meanwhile, down on the farm
Agricultural innovation
Agricultural Innovation

- Better methods and technique
- Science and agriculture
- More efficient use of land: enclosure
Enclosure: walls and hedges
Mechanization and technology

- Inventors: James Watt; James Hargreaves
- Steam engine, mechanical power
Mechanization and technology

The Industrial Revolution

The Spinning Jenny. Invented by James Hargreaves in 1767
Mechanization and technology
Mechanization and technology

- Textiles and factories
- Iron and coal
- Canals and railways
Labor in the industrial revolution

- Women and children in the new factories
- Family labor
- Men overseers
Labor in the industrial revolution

- Children and the mines
Labor in the industrial revolution

- Standards of living and squalor