The Industrial Revolution

Unit #2
Silas Marner by George Eliot
The Shire from the *Lord of the Rings*
What type of life is portrayed?
What could be introduced to this lifestyle that would drastically change the everyday life of this individual?
Industrial Revolution

- Begins in Great Britain in the late 1700s.
- Britain surges ahead of Europe in making inexpensive cotton goods.
Changes in Cotton Production

- James Hargreaves
- Spinning Jenny 1764
- Allowed thread to be made very quickly
Changes in Cotton Production

- Edmund Cartwright
- Water-powered loom, 1787
- Allowed weavers to make cloth very quickly
Changes in Cotton Production

- James Watt
- Steam engine, 1782
- Coal fired; Used to drive machinery
Películas

- Steam Engine Glass Model
- Steam Locomotive
- History Channel I.R.
Coal and Iron Industries

- Coal was used for steam engines.
- The process of puddling created a higher-quality iron.
Railroads

- 1804, first steam powered locomotive
New Factories

- Located in cities near workers.
- Provided jobs for many rural areas.
ENERGY REVOLUTION!!
Folsom, 1855
FOLSOM

- What changes have occurred over the years?
- What changes can you attribute to advancements in technology?
- What changes have happened to the social dynamic of Folsom?
SOCIAL IMPACT IN EUROPE
Growth of Population and Cities

- Cities grew rapidly because of factories = URBANIZATION
Industrial Middle Class

- Factory owners, factory builders, and brokers were added to the middle class.
Industrial Working Class

- Many men, women, and children filled jobs as factory workers and coal miners.
Social Impact in Europe

- Growth of cities, crowded and dirty
- Industrial middle class
- Industrial working class
- Women and children
- Socialism