

The Industrial Landscape

Ingredients and Industrial Regions

Definition

- Industry
 - The manufacturing of goods in a factory
- Industrial Revolution
 - A change in the methods of production

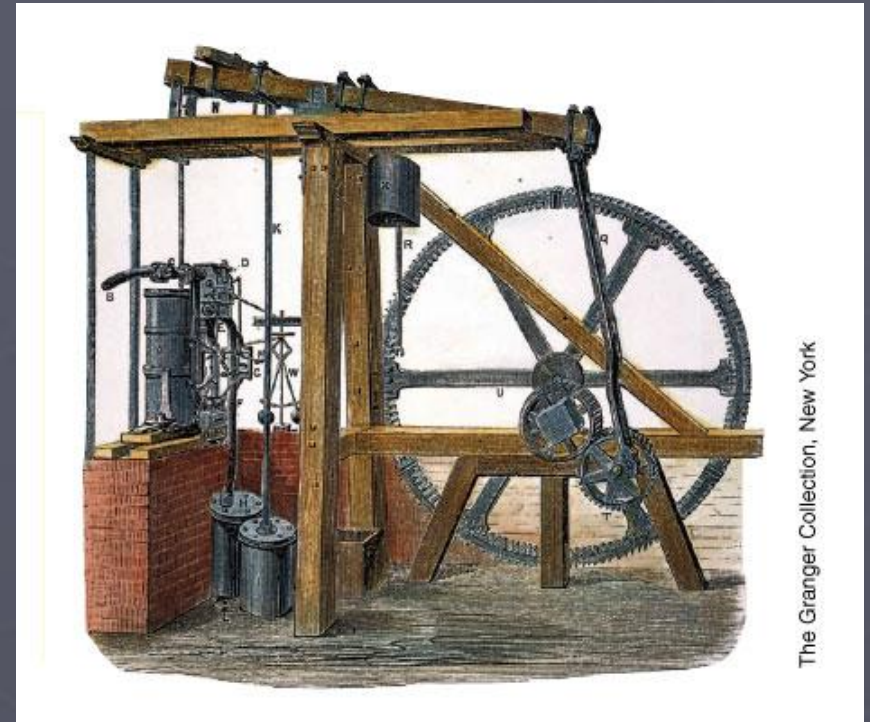


Resources needed for Industrialization

- Semi-Reliable Market
 - Place to sell goods
- Effective Central Bank
 - Finance business growth
- Easy sources of Transportation
 - Rivers
 - Roads
 - Development of Railroads
- Cheap Labor
- Easy access to Natural Resources
 - Coking **Coal**
 - Iron Ore
- Means of Shipping products to foreign Markets
 - Interlinked Rail Systems
 - Merchant Marine

Industrial Revolutions

- **First Industrial Revolution**
 - England/Scotland
 - Steam engine (1769, James Watt)
- **Second Industrial Revolution**
 - USA
 - Light Bulb (1879, Thomas Edison)
- **Third Industrial Revolution**
 - USA
 - Assembly Line (1913, Henry Ford)



The Granger Collection, New York

Europe

- Western Europe first to put together all ingredients
 - Major Regions: United Kingdom, Western Germany, Northern Italy
 - Starting in late 1700s
- Responsible for 25% of world's industrial output



North America

- Industrialized slightly after Western Europe
 - United States industrialized mid-1800s
 - Major Regions: Great Lakes, East Coast, California
- Applied industrialism principles and grew very quickly
- Major steel and automotive industries



Eastern Europe

- Took longer to Develop
 - Starting in early 1900s
 - Had to Develop Social Structure (i.e. Banking and Political systems)
 - Major Regions: Russia, Ukraine, Poland
- Large steel production



East Asia

- Most Recent to industrialize
 - Held down by foreigners and traditions
 - Japan first in late 1800s
 - Major Regions: Japan, Four Asian Tigers (Taiwan, Singapore, South Korea, Hong Kong)
 - Most not until after WWII
- China
 - Political Situation did not really allow access to transnational companies till 1990s
 - Rapid industrialization due to access to low-cost labor



Latin America

- Industrialized after WWII
 - Easy access to United States market
 - Major Regions: Brazil Mexico
- Mexico's strength connected to Maquiladoras
 - Factory towns close to United States border
 - Low cost labor of Mexico



USA and Mexico Border



Africa

- Still no major industrial development
 - Mostly mining
 - Lots of resources
 - Poor infrastructure
- Great Industrial potential
 - Nigeria primed to grow
 - UN designated November 20th “African Industrialization Day”



New International Division of Labor

- Connection between MDCs and LDCs in the methods of production
 - Companies based in MDCs use LDCs for cheap labor
 - LDCs use MDCs for introduction of new manufacturing methods and infrastructure

