



# Do Now

- Have you ever heard your parent complain about their working conditions? If so, what have they said? If no, what do you not like doing when you parent asks you to do chores and why?
- Copy the definition for enclosure and cottage industry on your notes sheet:
- **Enclosure** - The process of taking over and fencing off land formerly shared by peasant farmers
- **Cottage Industry** – A method of production in which tasks are done by individuals in their rural homes

# Learning Targets and Intentions of the Lesson

- I Want Students to:**
1. **KNOW** why industrialization took place in England first. **2. UNDERSTAND** and explain how technological innovations brought about the factory system. **3. Complete a short response organizer (SKILL)** on how industrialization changed society from agrarian dependent to technologically innovative.





# Industrial Revolution

- The Industrial Revolution was a long, slow process in which production shifted from hand tools to complicated machines.





# Causes of the Industrial Revolution

## 1. AGRICULTURAL REVOLUTION

- Dutch build dikes to protect farmland from the sea and use animal fertilizer to improve soil
- British discover ways to produce more food and invent seed drill
- This leads to **BETTER FOOD PRODUCTION**





# Causes of the Industrial Revolution

## 2. POPULATION EXPLOSION

- People eat better
- Women give birth to healthier babies
- Better medical care slows death rate
- This leads to **MORE DEMAND FOR GOODS**





# Causes of the Industrial Revolution

## 3. ENERGY REVOLUTION

- ◊ Water wheels power new machines
- ◊ Coal used to fuel steam engine
- ◊ This leads to **FASTER PRODUCTION OF GOODS**



# Reading and Questions

- Turning Point:  
Industrialization Transforms  
Society
- Science, Technology, and  
Society: The Power of Steam



A stylized illustration of a bright yellow sun with a blue circle in the center, partially obscured by blue and white clouds. The background is a solid blue color.

# DID YOU KNOW?

○ INDUSTRIALIZATION



# The Industrial Revolution. Why Britain?

- The Industrial Revolution began in Britain where there were favorable economic, political, and social conditions, as well as sufficient resources.







# The Industrial Revolution: Why Britain?

- ◊ New Technology: Making Tools
- ◊ Center of Scientific Revolution
  - ◊ Steam engine
  - ◊ Spinning mule
  - ◊ Steam-powered locomotive
  - ◊ Electric generator





# The Industrial Revolution: Why Britain?

## ○ Human Resources: Labor

- Agricultural revolution left many people free to work in factories

- Population growth also increased work force





# The Industrial Revolution: Why Britain?

## ○ Natural Resources:

- Large supply of coal
- Plentiful iron
- Rivers
- Location off coast of Europe





# The Industrial Revolution: Why Britain?

## ○ Economic Conditions:

- Capital from overseas trade
- High demand for goods
- Economic prosperity





# The Industrial Revolution: Why Britain?

## ○ Political & Social Conditions:

- Stable government – constitutional monarchy
- Strong navy to protect empire and overseas trade
- Growing business class
- Religious support – Protestant work ethic
- Worldly problems became more important