

1870-1914

Industrial  
Revolution

Preview

Part 2

And so, a **factory system** was developed, and is still used today.



**69 page book**

But Alexander Graham Bell and his assistant, Thomas Watson, were the first to file a **patent** and claim the invention as their own.



By 1918, over half of the cars in America were Model T Fords.



So, they developed a **division of labor**. Rather than one person making a product from start to finish,



With the invention of the light bulb, factories could easily stay open well after the sun went down and greatly increased the number of hours workers could work.



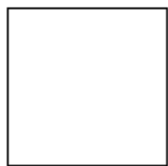
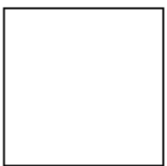
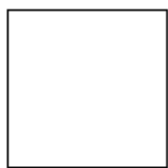
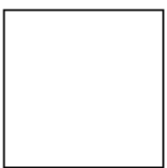
They formed **labor unions**, and would often go on **strike**, or refuse to work if they did not get what they wanted.







**Vocabulary board**





<p><b>Thomas Edison</b> Invented the light bulb in 1879.</p> 	<p><b>light bulb</b> Invention that allowed factories to operate at night.</p> 
<p><b>Kitty Hawk</b> Wright brothers flew the airplane in 1903.</p> 	<p><b>Henry Ford</b> Built the first car and the assembly line in 1908.</p> 

**Cut & paste**

<p><b>division of labor</b> Each worker has a specialized job that is part of the whole process.</p> 	<p><b>workforce</b> All the people working in the factory.</p> 
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**18 vocab cards**

<p><b>Alexander Graham Bell</b> Invented the telephone in 1876.</p> 	<p><b>patent</b> Document that states who was the first to invent something and gets the money that comes from that invention.</p> 
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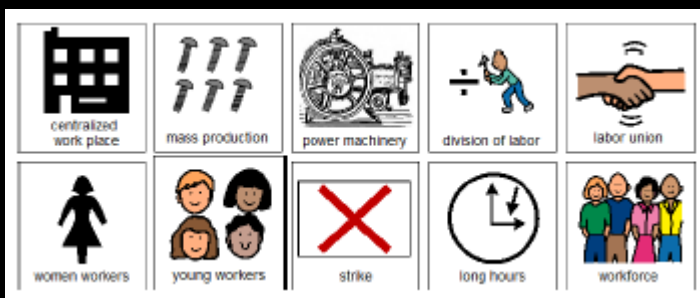
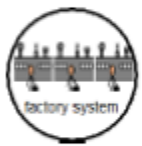
<p><b>centralized work place</b></p> 	<p><b>mass production</b></p> 
<p>Making products that are all the same in large quantities using a machine.</p>	<p>Built the first car and the assembly line in 1908.</p>
<p>Where raw material was turned into fuel that would run the machines in the factories.</p>	<p>A rapid change in how people moved and lived and how things were made.</p>
<p>Developed by Henry Ford, it allowed a car to be made quickly by having each worker do just one small part of the process.</p>	<p>Developed by Henry Ford, it allowed a car to be made quickly by having each worker do just one small part of the process.</p>








## Circle map

## Flashcards For further or at-home review



Errorless version

	<p><b>oil refinery</b></p> <p>Where raw material was turned into fuel that would run the machines in the factories.</p>
	<p><b>labor unions</b></p> <p>Factory workers joining together to demand better working conditions.</p>
	<p><b>strike</b></p> <p>When workers refuse to do any work until they get better pay and safer working conditions.</p>

# Timelines

# Cut & paste

## Life-sized



1903

The Wright brothers make the first successful airplane flight in Kitty Hawk, NC.

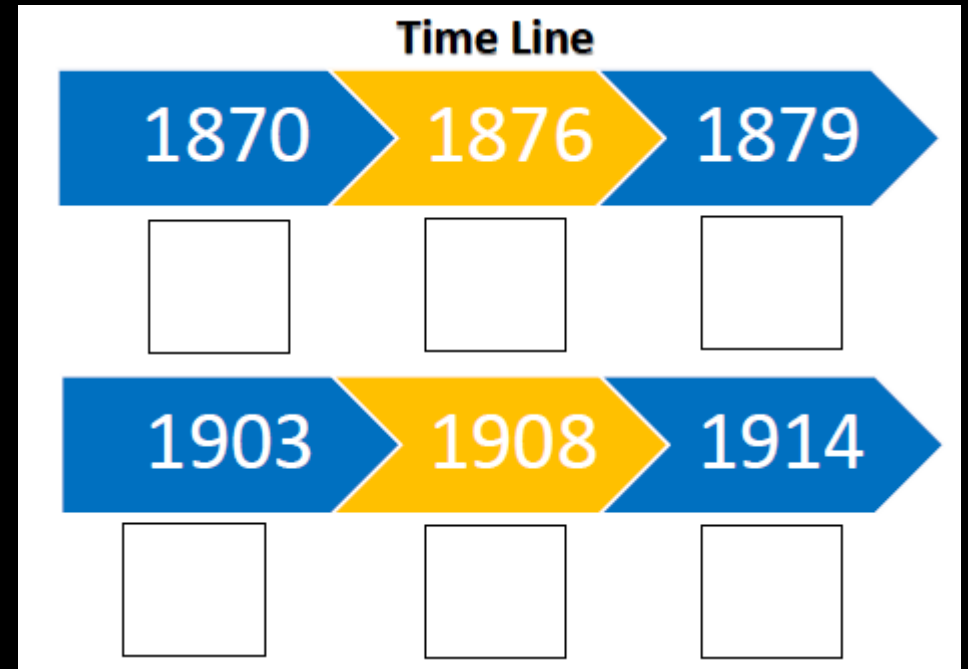


Wright brothers



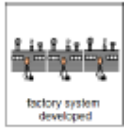





Kitty Hawk

Suggestions on how to use these large timeline cards included








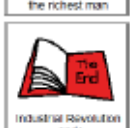
<p>Thomas Edison invents light bulb</p>	<p>Industrial Revolution part 2 starts</p>	<p>Alexander Graham Bell invents telephone</p>
<p>World War 1 starts</p>	<p>Wright brothers have first flight</p>	<p>Henry Ford builds the first car.</p>

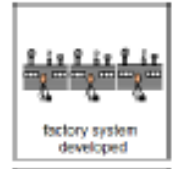





Find the what the *effect* was of each action below.

	→	<input type="text"/>
	→	<input type="text"/>
	→	<input type="text"/>
	→	<input type="text"/>
	→	<input type="text"/>
	→	<input type="text"/>

Find the what the *cause* was of each action below.

<input type="text"/>	→	
<input type="text"/>	→	
<input type="text"/>	→	
<input type="text"/>	→	
<input type="text"/>	→	
<input type="text"/>	→	

# Writing prompt

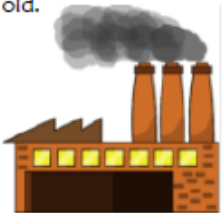
I work in a factory that makes .

My job is to  the parts.

I work  hours a day.

I am  years old.

I  my job.



				
				
8	10	6	2	12
12	18	16	25	30
				

# Cause & Effect

## Industrial Revolution facts

- The Industrial Revolution was a time of many .
- The factory system meant everyone worked in a .
- With a division of labor, each worker did  specific job.
- Alexander Graham Bell invented the  and changed how we .
- With the invention of the  factories could stay open all night.

## Causes and Effects

- The factory system meant everyone worked in .
- The invention of the lightbulb, meant factories could stay open all .
- The telegraph was slow and hard to decode all the beeping sounds. The invention of the  changed how we talked to each other.
- With the invention of the  things could be made so much faster.
- To prevent unsafe working condition and low wages,  were formed.

# Assessments 3 versions

- Because of the large workforce and machines, what had to get bigger?



- This meant that each worker had one specific job.



- True or False. Much of the workforce was made up of women and children.



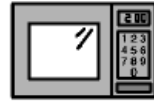
- This invention by Alexander Graham Bell changed the way we communicate.



- This invention by Thomas Edison meant factories could stay open long hours into the night.



Q 5



microwave



light bulb



electricity

Q 6



Model T Fords



vans



taxis

1 of about  
roduction  
nery

Much of the workforce was made up of women and

children.

- True
- False
- I don't know

- This invention by Alexander Graham Bell changed the way we communicate.
  - Telegraph
  - Computer
  - Telephone
- This invention by Thomas Edison meant factories could stay open long hours into the night.
  - Microwave
  - Light bulb
  - Electricity
- By 1918, more than half the cars in America were:
  - Model T Fords
  - Vans
  - Taxis

## Industrial Revolution facts



## Causes and Effects



Close worksheets