

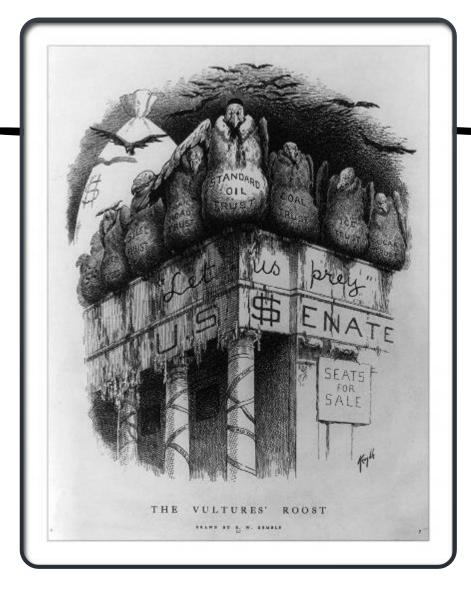
# Progression of Learning

**Directions:** Throughout this lesson, you should consider the social, political, and economic causes, course and consequences of the 2<sup>nd</sup> Industrial Revolution in America.

Scale Score:	I can
4	Complete a VENN diagram comparing the 1 <sup>st</sup> and 2 <sup>nd</sup> Industrial Revolutions in America.
3	Examine the social, political, and economic causes, course, and consequences of the 2 <sup>nd</sup> Industrial Revolution that began in the late 19 <sup>th</sup> Century.
2	identify the social <u>causes</u> of the 2 <sup>nd</sup> Industrial Revolution.  explain the political <u>effects</u> of the 2 <sup>nd</sup> Industrial Revolution.  describe the economic <u>impact</u> of the 2 <sup>nd</sup> Industrial Revolution.
1	with help from Ms. Ford or a peer, I can partially meet a level 2.
0	Even with help from Ms. Ford or a peer, I am still struggling to understand the 2 <sup>nd</sup> Industrial Revolution.



- 1900: Big Business dominates the economy!
  - Complexes of factories and distribution facilities
  - Corporations made big business possible
  - Companies achieved "economies of scale" manufacturing costs decreased because of large quantities of goods.
  - Stockholders owned corporations through purchasing shares of stock.
- When did corporations become important? 1830s
  - During the 1st Industrial Revolution.
  - Freedom to form corporations was important to laissez-faire economics.



#### What kinds of costs do businesses face?

• 2 kinds: Fixed Costs & Operating Costs

#### What is a Fixed Cost?

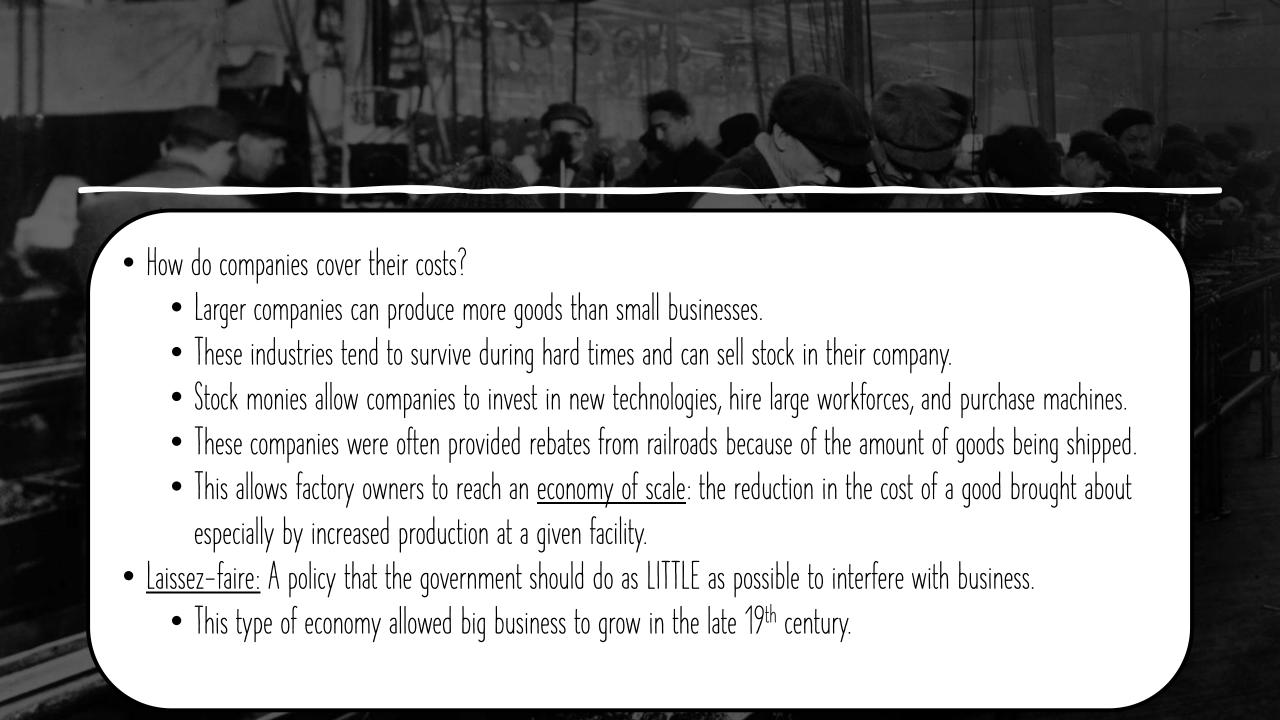
- What the company pays even when no one is working!
  - Loans, mortgages, taxes

#### What is an Operating Cost?

• Running a business costs owners wages, shipping, and raw materials.

#### What do companies do if sales drop?

• Temporarily shut down to save money.



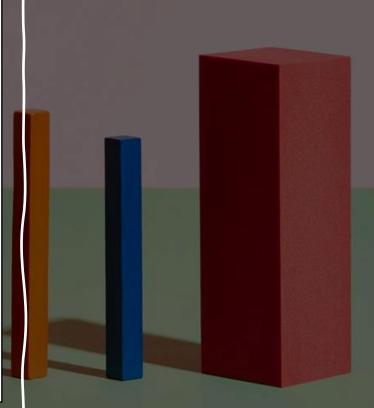
- Does a Laissez Faire economy benefit you and me (Consumers)?
   YES!
- What is the problem?
  - Intense competition causes prices to fall
  - Cutting prices would endanger profits and operating costs

No government regulation of business...



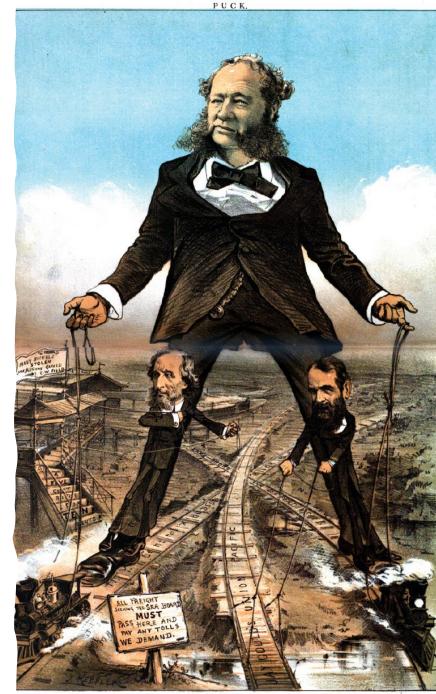
Price fixing, monopolies, and corruption!

- America became suspicious of these new practices!
- Why? These practices interfere with competition and property rights.
- Laissez Faire economies lead to Monopolies...

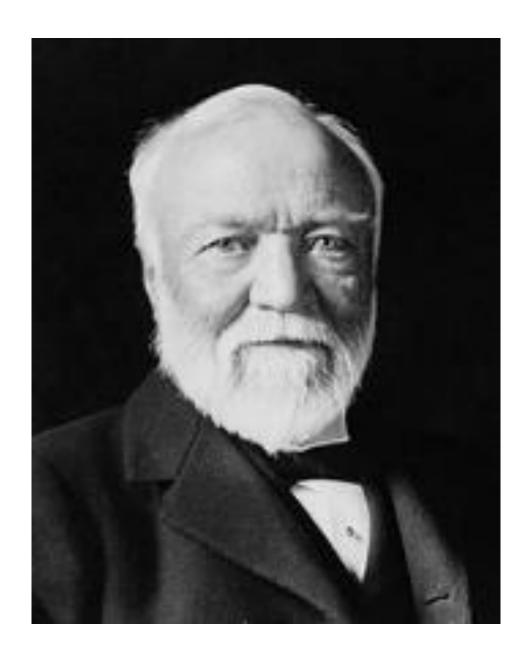


## Consolidating Industry

- Does the laissez-faire economy benefit consumers? YES!
  - Intense competition leads to falling prices.
- Do industrialists like this practice? NO!
  - Cutting prices cuts profits.
- What is another problem with laissez faire economics?
  - NO GOVERNMENT REGULATION!
  - Companies could make multiple deals, undercut the competition, participate in ruthless practices.
- How did American courts respond?
  - Courts felt that laissez-faire interfered with



THE MODERN COLOSSUS OF (RAIL) ROADS.



## Andrew Carnegie and Steel

- How does Carnegie's Life help us understand Big Business in America?
  - Scottish Immigrant
  - Began working at age 12
  - Became a secretary for Thomas Scott taught how business works
  - Carnegie became superintendent of the Pennsylvania Railroad
- How did Carnegie begin to advance?
  - Bought shares in iron mills and factories
  - Invested in companies making sleeping cars & locomotives
  - Invested in bridge building corporations

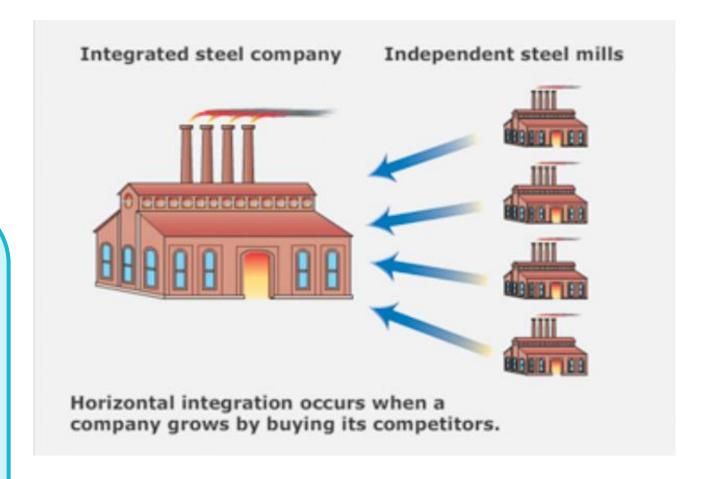
## Vertical Integration

- New Business Strategies
  - Carnegie searches for ways to make better products more cheaply: Sir Henry Bessemer
  - Uses <u>vertical integration</u>—buys out suppliers to control materials
  - Carnegie controls almost the entire steel industry
  - Vertical integration SAVES money and allows for competition from others.



#### Rockefeller and Standard Oil

- Gilded Age: Period in US History from 1870–1900 that saw rapid industrialization, a swell of immigration, and minimum government regulation.
- What is another type of company in the Gilded Age?
  - Horizontal Integration: the combining of many firms engaged in the same type of business into ONE corporation (MONOPOLY)
- Horizontal Integration is COMMON in competition!
- This style of business puts competitors OUT OF BUSINESS.



### New Businesses and Organizations

## How did American people respond to MONOPOLIES? Americans FEARED monopolies.

- Monopolists could charge any price for goods or services.
- One of the costs of laissez-faire was powerful corporations with NO restrictions.

#### What is the difference between a trust, a monopoly, and a holding company?

- Trust: a combination of firms or corporations formed by a legal agreement, especially to reduce competition.
- Monopoly: the exclusive possession or control of the supply of or trade of a commodity or service.
- Holding Company: a company whose primary business is owning a controlling share of stock in other companies.

### Sherman Anti-trust Act

- Rockefeller and the "Robber Barons"
  - Rockefeller profits by paying low wages, underselling others, controlling the market, & raises
    prices
- Sherman Antitrust Act
  - Government thinks expanding corporations stifle free competition
  - Sherman Antitrust Act: trust illegal if interferes with free trade
  - Prosecuting companies difficult; government stops enforcing act
- Business Boom Bypasses the South
  - South recovering from Civil War, hindered by lack of capital
  - North owns 90% of stock in RR, most profitable Southern businesses
  - Business problems: high transport cost, tariffs, few skilled workers





## J. P. Morgan

- Investment banking will also transform America during this time.
  - The business of providing financial services for corporate and institutional customers, such as investing and raising capital and arranging mergers and acquisitions.
- J.P. Morgan was the most successful investment banker of this period.
  - Bought out Andrew Carnegie for \$492 million (14.8 billion in 2019).
  - He combined Carnegie Steel with other companies, forming U.S. Steel.
  - U.S. Steel became the first BILLION DOLLAR company in American history.

# Progression of Learning

**Directions:** On the exit ticket provided, rate your understanding of the 2<sup>nd</sup> Industrial Revolution.

Turn your exit ticket into the basket!

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