Industry Comes of Age
1866-1900

Presented by:
Mr. Anderson, M.Ed., J.D.

Carnegie Steel Mill, Youngstown, Ohio, 1910

Growth of Railroads

1860 – 35,000 Miles of Track
1900 – 192,000 Miles of Track

Central Pacific-Union Pacific Railway, 1869

Growth of Railroads

Union Pacific – Central Pacific
Union Pacific – Irish Workers
Central Pacific – Chinese Workers
Growth of Railroads

Union Pacific – Central Pacific

Leland Stanford
Collis Huntington
Promontory, Utah - 1869

Growth of Railroads

Northern Pacific – 1883
Atchinson, Topeka, & Santa Fe – 1884
Southern Pacific – 1884
Great Northern - 1893

Growth of Railroads

Consolidation
Cornelius Vanderbilt

New York Central RR
Baltimore & Ohio RR
Pennsylvania Railroad
Erie Railroad

All Rails Connected to Chicago
Growth of Railroads

Technology Advancements

Cornelius Vanderbilt

Standard Gauge
Steel Rails
Double Track
Westinghouse Air Brake
Pullman Palace Car

Growth of Railroads

Corruption in Railroads

Stock Watering
Milking the Farmer
Bribing Government Officials
Pools
Rebates

Farmers Organize

Against the Railroads

National Grange of the Patrons of Husbandry

Oliver H. Kelley

Depression of 1873
Cooperative Stores
Grain Elevators
Crop Warehouses
Farmers Organize Against the Railroads

Farmers Alliance
Charles Macune
Northern Alliance
Southern Alliance
Colored Alliance
People’s Party - Populists

Railroad Regulation Begins

Granger Laws
Wabash Case (1886)
Interstate Commerce Act of 1887
Interstate Commerce Commission

The “Robber Barons”
“Captains of Industry”

Andrew Carnegie
Bessemer Process
William Kelley
Henry Bessemer
Carnegie Steel Co.
“Gospel of Wealth”
$324 Million to Charity
The “Robber Barons”

“Captains of Industry”

J. Pierpont Morgan
Railroad Reorganization
Investment Banker
U.S. Steel Corp 1901

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1859 – Edwin L. Drake
Kerosene Lamp Fuel
1863 – Standard Oil Consolidation/Trusts

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Standard Oil Trust Holding Company
1889

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1889
The “Robber Barons”
“Captains of Industry”
“Gospel of Wealth”
Andrew Carnegie
Charles Darwin
Herbert Spencer
“Law of the Jungle”
Sherman Anti-Trust Act of 1890

Sherman Anti-Trust Act of 1890
Political Cartoon
Carnegie Presents Trusts as a Worthy Beast

Teddy’s Way of Handing Trusts
Sherman Anti-Trust Act of 1890
Political Cartoon
The Trust Giant’s Point of View
“What a Funny Little Government!”

Sherman Anti-Trust Act of 1890
Political Cartoon
One Sees His Finish Unless Good Government Retakes the Ship

Rise of the Labor Movement
Child Labor
Manual Labor
Female Labor
Rise of the Labor Movement

Pre-Industrial Conditions
Contract Labor Law
Corporations Fight Unions
Scabs – Court Injunctions
Lockouts – Black Lists
Yellow Dog Contracts
Company Towns

National Labor Union – 1866
Panic of 1873
Knights of Labor – 1869
(Noble & Holy Order of Knights of Labor)
Terence V, Powderly Haymarket Riots - 1886

American Federation of Labor
Samuel Gompers – 1880s
Panic of 1893