

A collection of historical artifacts is displayed on a light-colored surface. On the left, there is a checkered board with several pieces. Next to it are two medals: one with a red ribbon and a white star, and another with a blue ribbon and a white star. A compass is visible in the bottom left corner. A telescope is positioned horizontally across the middle of the artifacts. The background is a plain, light-colored wall.

# A Growing Nation

Grade 5

# Benchmark

Interpret how culture changes over time as a consequence of industrialization, technology, or cultural diffusion (i.e., railroad transportation, telecommunication, building design, varied types of music, and the growth of government services).



# A Growing Nation

- ◆ Let's look at some very important things that happened after the Civil War and Reconstruction ended. These people, industries, and inventions brought great growth and wealth to the new nation!





## What we will learn

- ◆ The two companies that built the transcontinental railroad.
- ◆ What is a telegraph?
- ◆ Who are Andrew Carnegie and John Rockefeller?
- ◆ Why inland cities became important.

# Railroad Companies

- ◆ The two most important companies for railroad construction during the late 1800's were the Union Pacific Railroad and the Central Pacific Railroad.



# The telegraph

- ◆ Samuel F.B. Morse invented the telegraph.
- ◆ For the first time news traveled faster than people.





# Industrial Legends

- ◆ Andrew Carnegie was an American entrepreneur who sought investors to help him set up a steel mill in Pittsburgh Pennsylvania. With this mill, he became one of the richest people in the world.
- ◆ John D. Rockefeller did much of the same, but made his fortune in refining crude oil for use in homes.

# The two men of true monopoly





# Important cities to industries

- ◆ Cities that were close to natural resources such as coal and iron ore became very important to steel and oil industries.
- ◆ Pittsburgh, Pennsylvania
- ◆ Birmingham, Alabama
- ◆ Other cities in the Appalachian Mountain chain

# A steel mill



# Quick Quiz

- ◆ What were the names of the two entrepreneurs who led in the oil and steel industries?



# Correct answer

- ◆ Andrew Carnegie and John Rockefeller



## Question 2

- ◆ What two railroad companies made the transcontinental railroad possible?



# Correct Answer

- ◆ The Union Pacific and the Central Pacific Railroads.



## Question 3

- ◆ Who invented the telegraph?



# Correct Answer

- ◆ Samuel F.B. Morse



## Question 4

- ◆ Why did inland cities become so important in the late 1800's?



## Correct Answer

- ◆ Because cities such as Pittsburgh and Birmingham were located near natural resources such as iron ore (for steel), and coal, or crude oil (used for heating and or lighting before the invention of the light bulb).

