

# Inventions

Content Area: **Social Studies**  
Course(s): **Social Studies 3**  
Time Period: **April**  
Length:  
Status: **Published**

## Unit Overview

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## Essential Questions

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How have some inventions helped to shape communities?

How did the telephone bring communities closer together?

How have communities become better places to live?

What discoveries improved community health?

Who is someone who helps to make your community safe?

## Content

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Inventions Shape Communities

Inventing the Skyscrapers

Alexander Graham Bell

Making Communities

The Most Important Inventions of the Last Century

## **Skills**

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Explain how the Great Chicago Fire changed a community.

Identify inventors and analyze how their technologies affected communities.

Discuss how Alexander Graham Bell invented new technologies that affected communities around the world.

Identify how individual decisions can bring about community changes

Identify and summarize how scientists have created new technologies to help improve health and safety of communities.

Identify scientists and inventors who have created or invented new technologies.

Evaluate the impact of new technology on the local community and communities around the world.

## **Assessments**

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Guided class discussions

Teacher observations

Timelines

Bar graphs

Writing prompts

Tests/quizzes

Worksheets

Team projects

Video presentations

## **Lessons/Learning Scenarios**

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Completing a Venn diagram to compare and contrast the features of two state parks.

Matching famous inventors with their inventions (Thomas Edison, William Le Baron Jenney, Andrew Carnegie, Henry Bessemer, Elisha Otis)

Identifying the contributions of various inventors to create safer communities (Charles Drew, Jonas Salk, Louis Pasteur, Jane Addams)

Identifying and utilizing new vocabulary like skyscrapers, pasteurization, vaccine, contrast, invention, preserve, compare, elevator)

Writing prompt: Imagine it is 1871, Write a letter to the mayor of Chicago. In your letter, tell the mayor what the city can do to prevent fires like this from happening again.

Role Play Project: Students select an inventor from the chapter and develop interview questions

## **Standards**

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SOC.K-4.6.1.4.C.h	Creativity and innovation have led to improvements in lifestyle, access to information, and the creation of new products.
SOC.K-4.6.1.4.C.12	Evaluate the impact of ideas, inventions, and other contributions of prominent figures who lived New Jersey.
SOC.K-4.6.1.4.C.16	Explain how creativity and innovation resulted in scientific achievement and inventions in many cultures during different historical periods.
SOC.K-4.6.1.4.C.17	Determine the role of science and technology in the transition from an agricultural society to an industrial society, and then to the information age.
SOC.K-4.6.1.4.C.18	Explain how the development of communications systems has led to increased collaboration and the spread of ideas throughout the United States and the world.

## **Resources**

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