

4.6 WESTWARD MOVEMENT AND INDUSTRIALIZATION

COMMUNICATION



 **Assessments**
 **Build Thinking Skills**
 **Engaging Activities**

[illegible]

NO PREP • PRINT & GO • ANSWER KEY INCLUDED

- “Faster & Cheaper Transportation: Gallery Walk” student recording page. (If you use

1. Develop questions about New York State and its history, geography, economics and

Lesson Plans

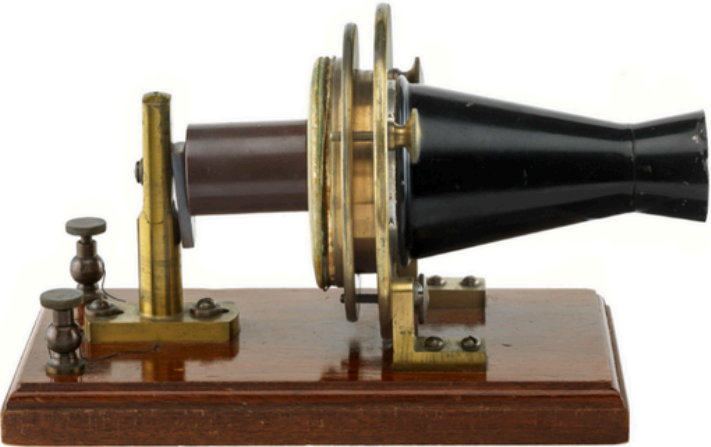
5. Describe historical developments in New York State with specific detail, including time and place.

Communication – Teacher Key

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	Quill & Paper
	A telegraph register made in 1870.
	An experimental telephone made by Alexander Graham Bell, 1876
	Various telephone images
	Early radio

Primary source “hook” activity.



Courtesy of National Museum of American History, Kenneth E. Behring Center via Smithsonian Institution.



Name: _____ Date: _____

Communication

Communication in the 1800s

In the early 1800s, communication was very slow. Most people shared information by talking face-to-face or by sending letters. Letters were often carried by stagecoach, horseback, or boat, so it could take days or even weeks to arrive. Because communicating with people away took so long, most people stayed in touch only with family, neighbors, and others who lived nearby. As a result, life focused on the local town, which was closely connected to nearby towns.

The Telephone Connects Voices

In 1876, Alexander Graham Bell invented the telephone. The telephone worked by turning sound waves into electrical signals that traveled through wires. This allowed people to talk to each other over long distances almost instantly.

KEY

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Communication Today

Modern communication is fast and exciting because of the internet. The internet began in 1969 as a project called ARPANET, created by scientists in the United States to help computers share information. In 1971, the first email was sent by a computer programmer named Ray Tomlinson, allowing messages to be sent from one computer to another. In 1989, a scientist named Tim Berners-Lee invented the World Wide Web, which made it possible to visit websites and click on links to learn and explore. Years later, communication changed again when smartphones became popular. In 2007, the first iPhone was released, making it easy for people to text, email, video chat, and use the internet from one small device. Today, people use smartphones, tablets, and computers to send messages, share photos and videos, play games, and talk face-to-face using video calls—even with someone far away. Students can learn online and stay connected to teachers and classmates. Because of these inventions, communication is faster and more convenient than ever before.

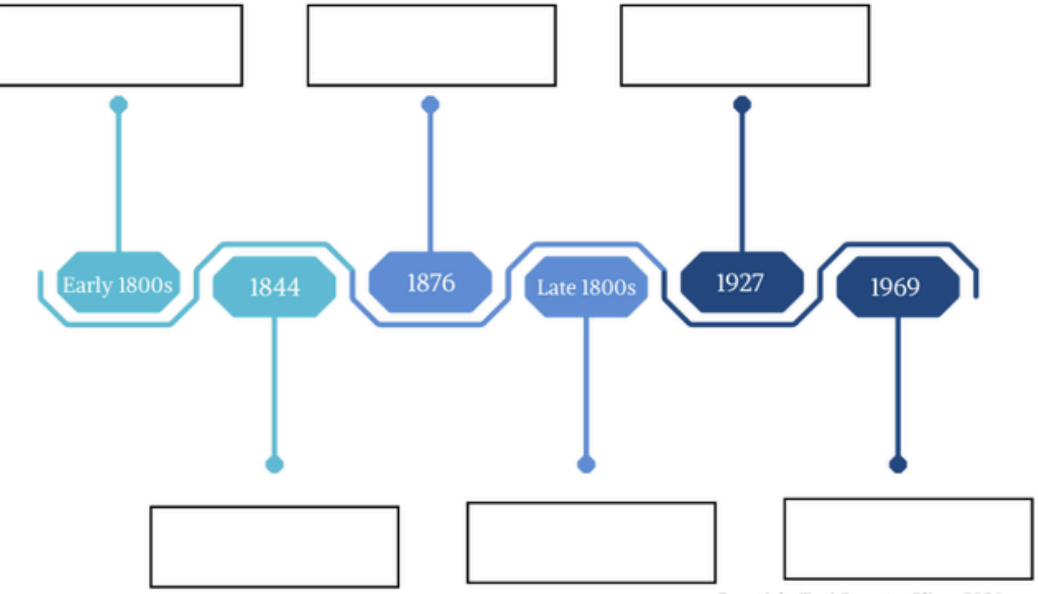
Informational text with timeline

electric signals through wires between places. A person tapped a key to send signals, and those signals traveled along a wire to another machine. The signals turned into dots and dashes, called Morse code, which stood for letters and words. For the first time, messages that once took weeks to deliver by letter could be sent in minutes. This helped communities get faster, allowed states to share important information quickly, and made it easier to communicate across the country. The telegraph helped connect people and the world feel smaller.

Go back through the text and underline important dates and communication inventions.

Communication technology is important because it helps people stay connected, learn, and work together. Over time, new inventions made it easier and faster to share ideas, news, and information. These changes helped communities grow stronger, allowed states to work together, and connected people around the world. Understanding how communication has changed helps us see how our lives became more connected and why today's tools—from emails to video calls—are so powerful. These technologies shape how we live, learn, and share with others every day.

Directions: Use the information from the text to fill in the timeline below.



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KEY

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1969

internet

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Name: _____ KEY _____ Date: _____

Communication - Word Parts

Directions: Look at the words below. What do they have in common? Circle it.

telegraph telephone television

The word part, "tele" means far. Write the meaning of the words in the boxes below.

TELE

(far, at a distance)

Directions: Use each word to write a sentence.

Name: _____

Communication - Morse

The telegram used Morse Code to send messages. Morse Code was invented by Samuel Morse. The code uses a series of dots (short tap) and dashes (long tap) over a wire.

Below is the key for Morse Code. The '·' is a dot. The '-' is a dash.

A	B	C	D
· -	- · ·	- · -	- · ·
G	H	I	J
- · -	· · ·	· ·	· - -
M	N	O	P
- -	- ·	- - -	· - -

Name: _____ Date: _____

Communication - Radio Shows



During the 1920s-1950s many families gathered around their radios each evening to listen to their favorite programs. Stories were told in 15 to 30 minute installments. Because there were not many channels, most Americans listened to the same programs.

Some of the characters from the old time radio shows went on to have television shows. You may even have heard of some of them - Superman, Little Orphan Annie, Lassie, Tarzan, the Lone Ranger or The Flash.

Old time radio shows are still enjoyed by many people; they can be found online. Use the link below to listen to an episode of Superman.

<https://www.oldtimeradiodownloads.com/adventure/superman-the-adventures-of/taos-40-02-14-0002-clark-kent-mild-mannered-reporter>

Several Communication-Themed Activities

· · · -	· · · ·	- · · ·	- · · ·
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Use the chart to decode the message below. Note: a / is used between letters.

· - · · · · - · - · · · - · - - · / · · · ·

Use the chart to write a message below. Use a / between words. Leave a small space between letters. Give your message to a friend to decode.

Setting

End

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Name: _____ Date: _____

Communication Brings Changes

Directions: Choose one communication tool (telegraph, telephone, radio, television, or internet). Explain how it changed daily life.

Writing prompt assessment

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