

Connections That Changed

Trace how transportation and communication technologies changed life in New York.

4.6c "Improved technology such, as the steam engine and the telegraph made transportation and communication faster and easier. Later developments in transportation and communication technology had an effect on communities, the State..."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline the names of human-made machines or travel systems used to move people or goods. Circle the names of human-made devices or systems used to send messages or information, then put a star by each sentence that tells an effect of a technology.

New Ways to Connect

- ① In the early 1800s, New York farmers and shopkeepers needed better ways to move goods. The Erie Canal opened in 1825. This human-made waterway connected the Hudson River to the Great Lakes. Canal boats carried flour, lumber, and other goods. The canal gave businesses a route to send goods more cheaply, and towns along its path grew.
- ② Steam engines powered locomotives on railroads, so people and goods could travel farther and faster than on many rough roads. The telegraph sent coded messages over wires in a much shorter time than a letter carried by a person. Railroad stations and telegraph offices brought jobs to towns. New York businesses could learn prices and make plans more quickly.
- ③ Later, cars and trucks used improved roads to carry people and products to more places. Airplanes linked New York to distant states and countries. Telephones, and later the internet, helped people share news and business information quickly. These changes affected communities by connecting workers, stores, and families. They also helped New York trade with the nation and the world.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What did the Erie Canal connect, and how did it help businesses?

2 How did steam-powered railroads change travel for people and goods?

3 How was the telegraph faster than sending a letter?

4 Give one way later transportation or communication technology helped New York connect beyond a local community.

3 YOUR TURN _____ Your own words

Write exactly three sentences about your community. In the first sentence, name one transportation technology and a place it connects to your community. In the second sentence, name one communication technology and a place it connects to your community. In the third sentence, explain one effect of these connections.

PART 1 • READ AND MARK

Underline the names of human-made machines or travel systems used to move people or goods. Circle the names of human-made devices or systems used to send messages or information, then put a star by each sentence that tells an effect of a technology. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What did the Erie Canal connect, and how did it help businesses?	It connected the Hudson River to the Great Lakes. It gave businesses a cheaper route for sending goods.
2	How did steam-powered railroads change travel for people and goods?	They allowed people and goods to travel farther and faster than on many rough roads.
3	How was the telegraph faster than sending a letter?	The telegraph sent coded messages over wires in much less time than a person carrying a letter.
4	Give one way later transportation or communication technology helped New York connect beyond a local community.	Answers may state that airplanes linked New York to distant states and countries, or that transportation and communication technologies helped New York trade with the nation and world.

PART 3 • YOUR TURN (SAMPLE ANSWER)

A delivery truck brings vegetables from Rochester to stores in my community. A video call lets a local business speak with a customer in Canada right away. These technologies help people in my community get goods and work with people far away.

Accept accurate examples of transportation and communication technologies and logical effects on a community, New York, the nation, or the world. For the open response, check that the student names both kinds of technology, identifies places, and explains an effect.