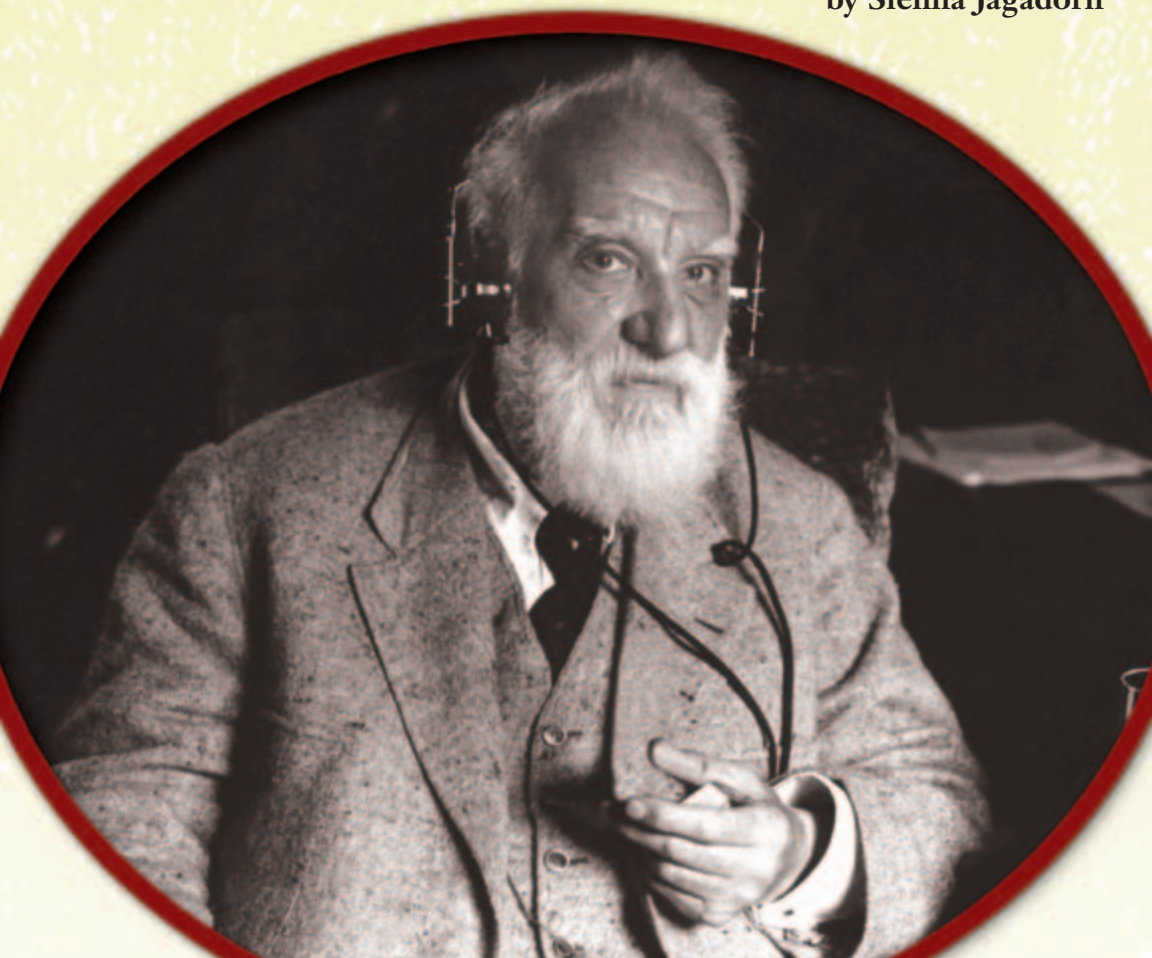


Inventor of the Telephone

by Sienna Jagadorn



HOUGHTON MIFFLIN HARCOURT



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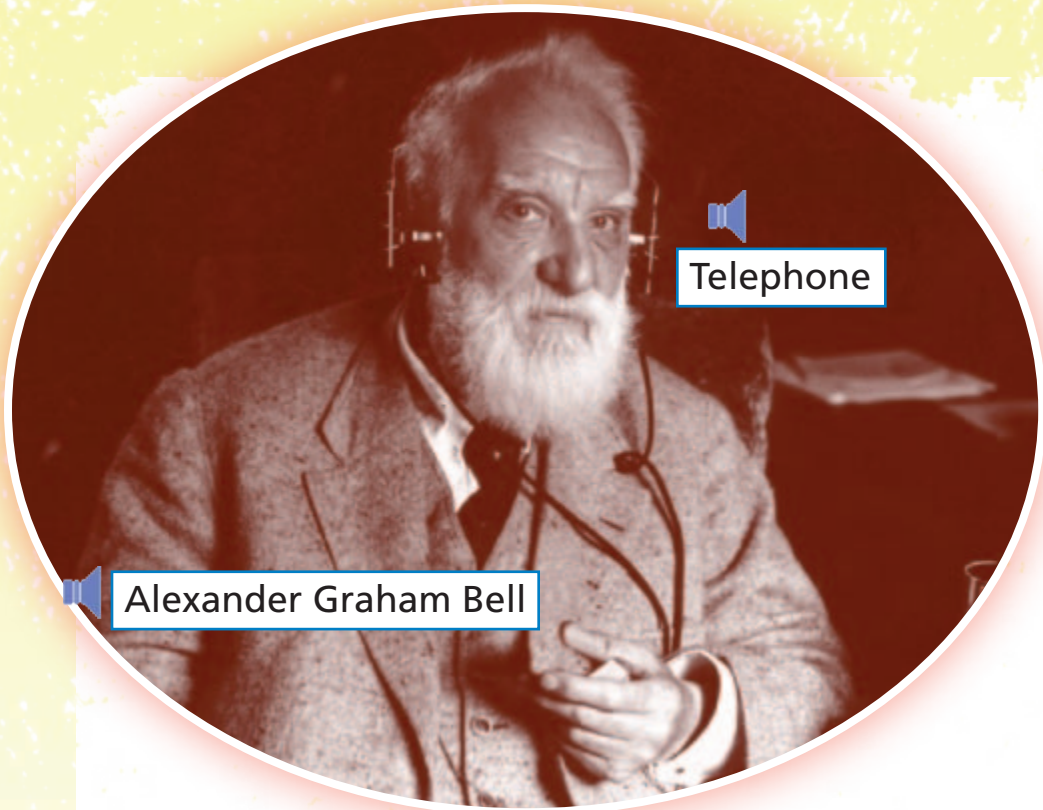
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Inventor

 Alexander Graham Bell invented the telephone. People can talk to other people anywhere in the world with the telephone. Bell was born in 1847. He was always **curious** about how things worked. Bell invented a machine that cleaned wheat when he was eleven years old. From his **behavior**, everyone knew he would be an inventor.

Sound

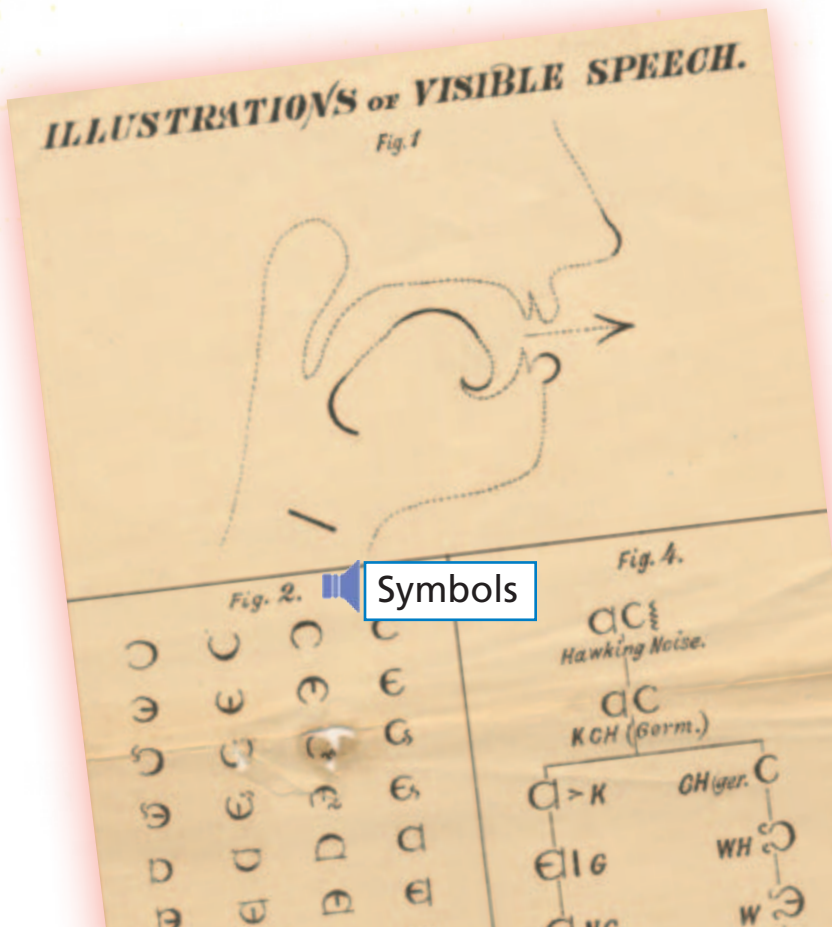
 Bell's mother was deaf. She did not hear. She did not speak or **imitate** sounds. Bell's mother lived in **silence**. Bell wanted his mother to hear sounds.



Bell's mother

Visible Speech


Bell's father could hear. Bell's father wanted to help Bell's mother speak. He invented symbols, or signs for a sound. Bell's father called them Visible Speech. He gave this **knowledge** to Bell.



Symbols



 Bell's father

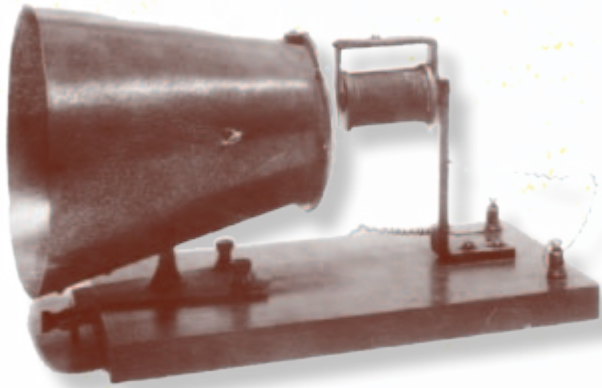
 Bell was a teacher in a school for deaf people when he was 21 years old. His most famous student was Helen Keller. Most teachers taught sign language, a way of speaking with your hands. Bell taught his father's Visible Speech.



Telegraph

Sound Through Wires

Bell was very curious about sound. He thought about sound and had many ideas. One idea was for an invention that could send voices through a wire. He did not know how to make this invention. He studied another machine called a telegraph. The telegraph sent electricity through a wire. The electricity made sounds. The sounds were symbols for letters and words. Bell wanted the wire to carry voices!



Telephone



🔊 Bell worked on his invention with a man named Thomas Watson. Bell had an idea. He put the wire in liquid, or something that is like water. Bell's voice made **motion** in the wire. The motion was the sound. Liquid made the sound move better.


🔊 The First Telephone

🔊 One day, Bell and Watson were in Bell's laboratory. Mr. Watson was in another room. Bell shouted into the invention, "Mr. Watson, come here. I want to see you." Watson heard Bell's voice through the wire. The telephone worked!





Inventions

 Alexander Graham Bell invented many other things. He invented a machine that found metal. He made a very fast boat. He invented a special kite. The kite lifted a person into the air! In 1898, Bell was the president of the National Geographic Society. Bell helped to make *National Geographic* an important magazine all around the world.

🔊 Alexander Graham Bell died in 1922. He was sick with an **illness**. The day of Bell's death was a day of **darkness** for everyone. Telephones all over America stopped ringing for one minute. This silence was a way to remember Bell. Alexander Graham Bell changed the way we live.

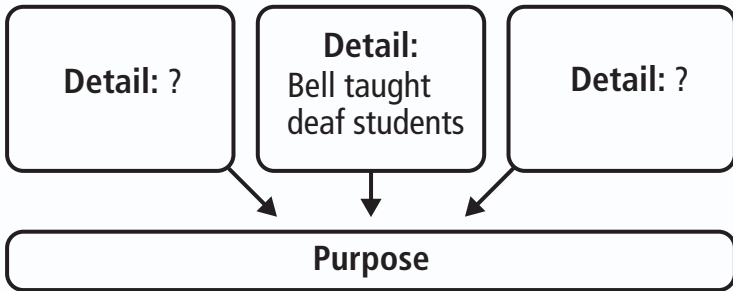


Responding



TARGET SKILL Author's Purpose

What was the author's purpose in writing this story? Copy the chart below. In each box, list details you learned from this book. Write the author's purpose at the bottom.



Write About It

Text to Text Bell had many good ideas. Think about another book in which someone has good ideas. Use a few sentences to write a persuasive essay about how that person worked hard to make his or her ideas happen.



TARGET VOCABULARY

behavior
curious
darkness
illness

imitated
knowledge
motion
silence



TARGET SKILL **Author's Purpose** Tell why an author writes a book.



TARGET STRATEGY **Summarize** Stop to tell important ideas as you read.



GENRE A **biography** tells about events in a person's life.

Level: M

DRA: 28

Genre:

Biography

Strategy:

Summarize

Skill:

Author's Purpose

Word Count: 414

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