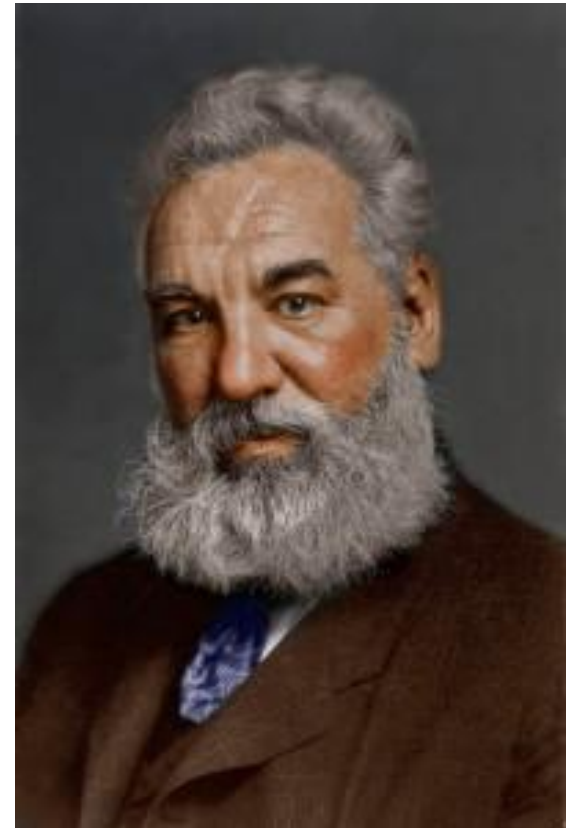


# Alexander Graham Bell

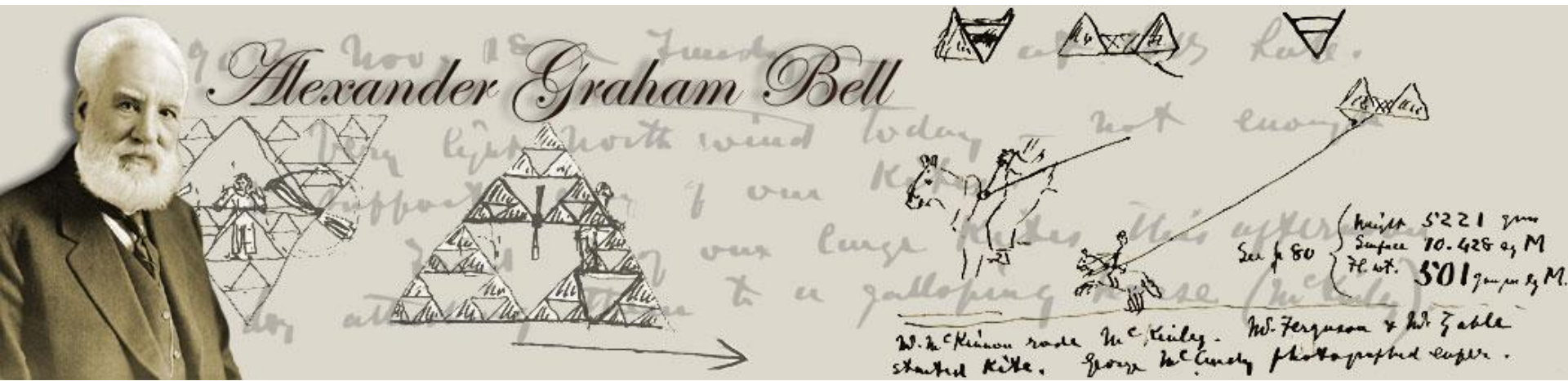
"The inventor looks upon the world and is not contented with things as they are. He wants to improve whatever he sees, he wants to benefit the world; he is haunted by an idea. The spirit of invention possesses him, seeking materialization."

Alexander Graham Bell



1847-1922





An early telephone design.



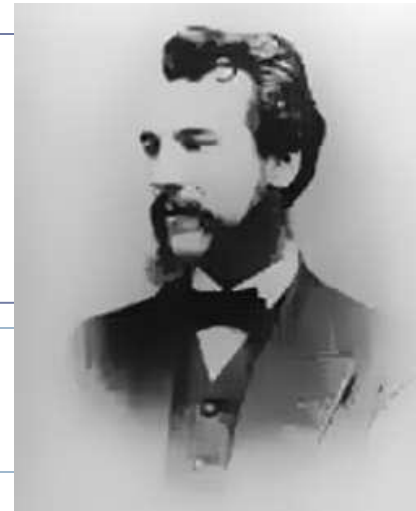
Alexander Graham Bell was a scientist who invented the first telephone.



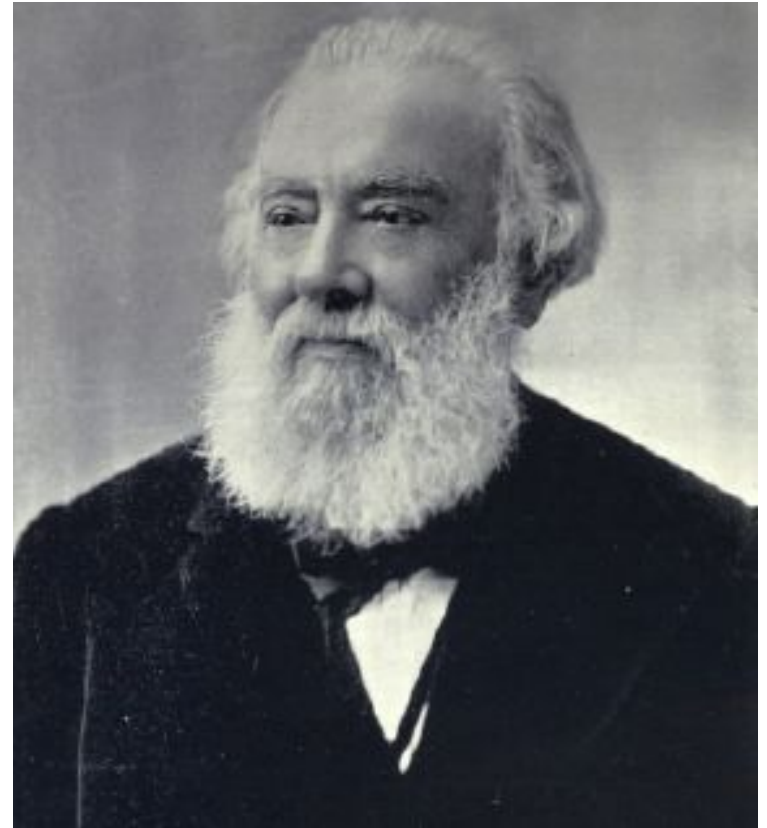


This is Edinburgh, the capital of Scotland

Alexander Graham Bell  
was born in 1847 in  
Edinburgh, Scotland.



His father was a world-famous Professor of phonetics and the inventor of the system which he called "Visible Speech". It helped the deaf to pronounce words they could not hear.



This is Alexander Melville Bell, father to Alexander Graham



Alexander chose the same profession,  
and like his father he became a teacher of the deaf.



He moved to the United States and began to teach deaf children to speak. At the same time he studied the human voice and worked at improving his father's invention.



Bell's mother and wife were both deaf.  
This had a major influence on his work.



This is Eliza Grace Symonds,  
mother to Alexander Graham.



This is Alexander Graham Bell's wife,  
Mabel Gardiner Hubbard.

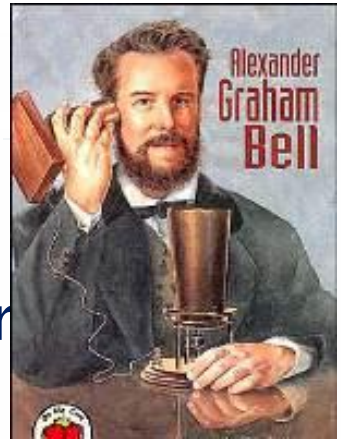


Then Alexander Bell began experimenting with a machine to help the deaf hear. While experimenting, Graham had an idea.

He decided to send the voice from one place to another.

For years Bell and his assistant Thomas Watson worked day and night.





At last they decided to try a new kind of transmitter. The new transmitter was set in Bell's bedroom on the first floor.

Watson was sitting in the laboratory on the ground floor. He put his ear to the receiver and began waiting. Suddenly he heard Bell's voice. And not the voice only but the words too: "Mr. Watson, come here. I want to see you!"

Watson ran upstairs and shouted, "I heard you!"

It was on **the 10th of March, 1876.**

The telephone was invented.



He invented the first telephone in 1876.



Look, this is the very first telephone!



Then Alexander Graham Bell founded the Bell telephone company.



He improved the design of the telephone and by 1886 more than 150 000 people had owned telephones in the United States.



Bell is at the opening of the long-distance line from New York to Chicago in 1892.

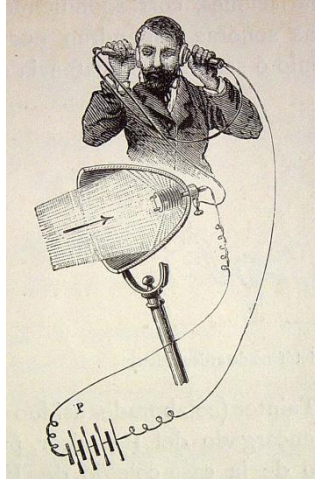
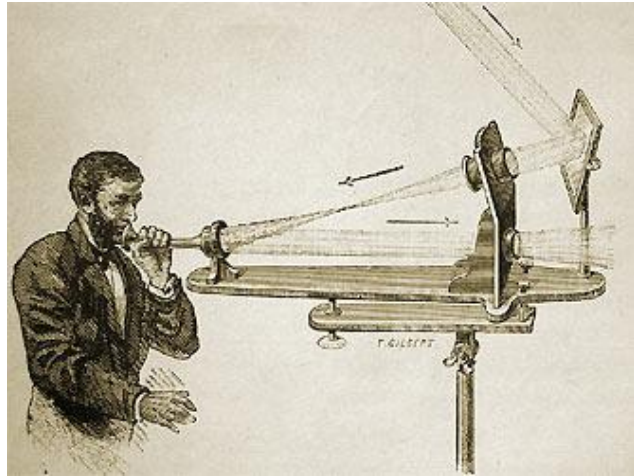




And this is an early wax cylinder phonograph, or grapho phone. The machine was created by Alexander Graham Bell in 1897.

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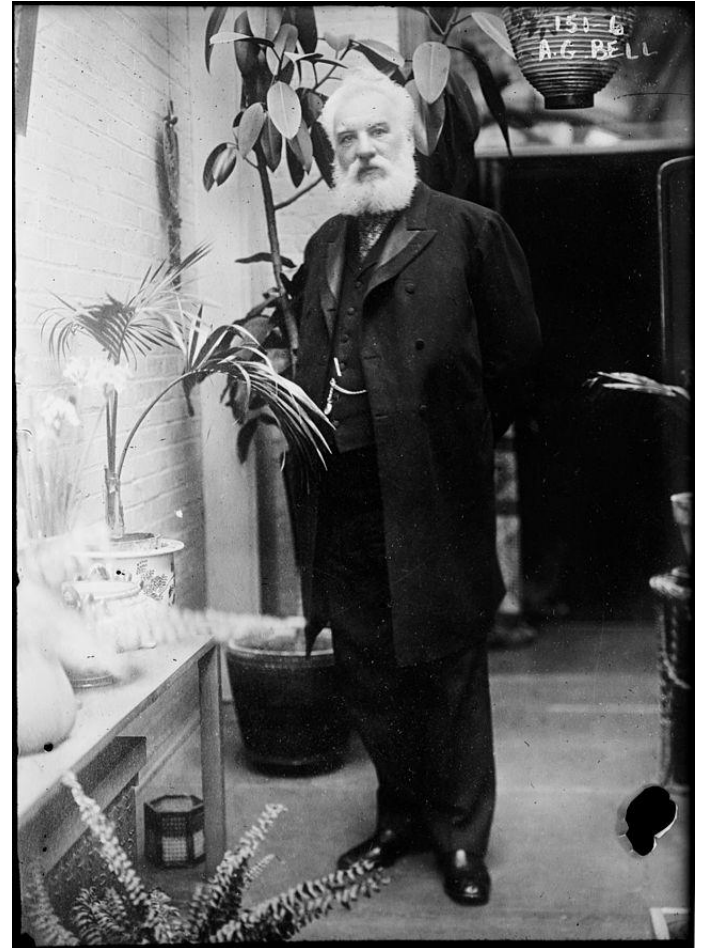
This is the photo phone

In 1880 the French Government awards Bell the Volta Prize of 50,000 francs for the invention of the electric speaking telephone.

He used the prize money to set up the Volta Laboratory where he invented the photo phone that transmitted sounds through light.



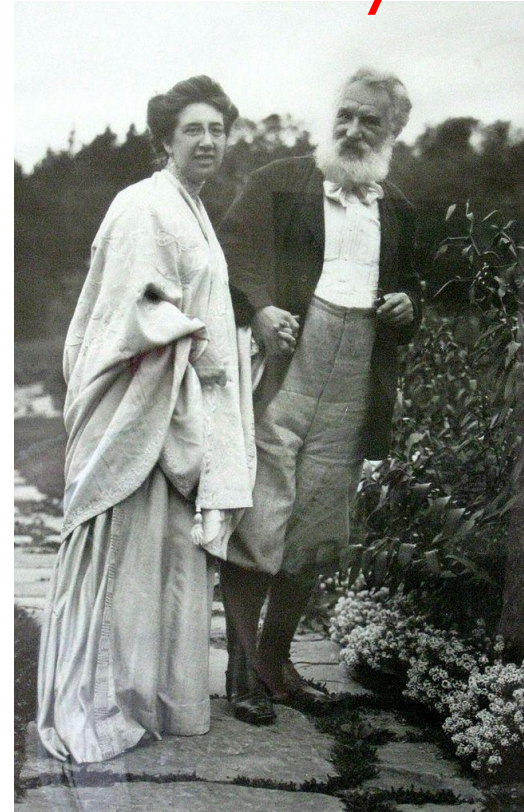
Alexander Graham Bell  
also had a strong interest  
in other scientific fields.  
He conducted medical  
research, searched for  
alternative fuel sources,  
experimented  
with metal detectors  
and much more...



## This is Alexander Graham Bell's Family



Alexander Graham Bell had a wife and two daughters :  
Elsie (left) and Marian



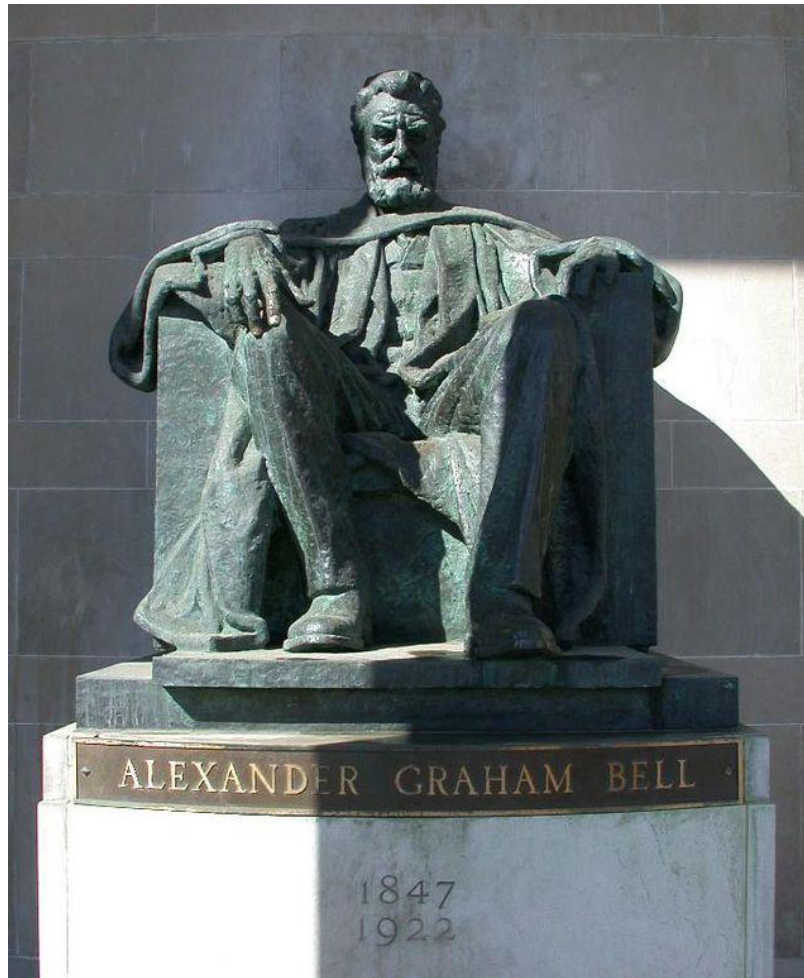
Alexander Bell loved his wife, Mabel  
Gardiner Hubbard



## It's interesting to know that Alexander Graham Bell

- ... became one of the founders of the National Geographic Society in 1888.
- ... was an excellent piano player at a young age.
- ... invented a kite that was able to carry a person.
- ... developed the hydrodrome which was a type of the fastest boat in the world for years with the top speed of 50+ mph.





People from all over the world remember the “father” of the telephone.  
Look at the monument to Alexander Graham Bell .  
It is situated in front of the Bell Telephone Building of Brantford, Ontario, Canada.

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