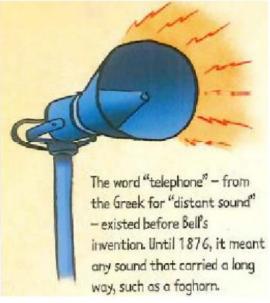


## Technology

Invention of the telephone



Where does the word telephone come from and what does it mean?

lexander Graham Bell is famous for inventing the telephone. In fact, many inventors came up with similar ideas, but Bell's was the first proper, working telephone to be fully patented.

Who invented the telephone?

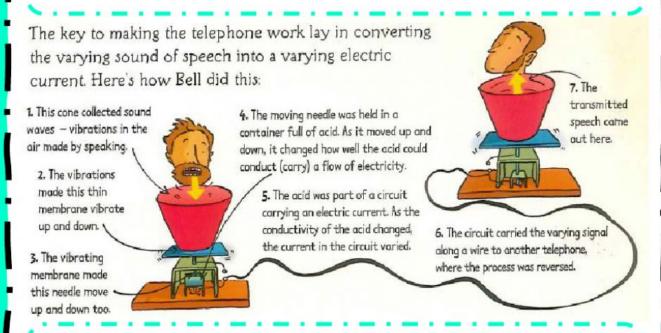
In 1870s Boston, USA, Scottish-born inventor Alexander Graham Bell was working on improving the telegraph. This was an invention that used wires to carry long-distance, coded messages in the form of electrical signals. Bell hoped to find a way to send several signals at once.

But, in 1874, his experiments gave him another idea. He saw how he might be able to turn the human voice into an electrical signal, and send that along a wire instead.

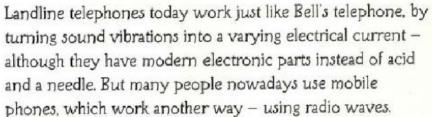
Bell and his assistant Thomas Watson worked on this idea for months, in secret. By the summer of 1875 they had managed to send some muffled sounds along a wire.

What was Bell trying to improve?

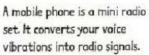
But what did Bell think he could do instead?



Imagine a four year old asked you how Bell's phone worked. How will you describe it to Skyler?



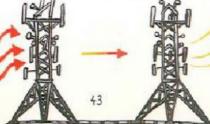




The nearest base station collects the signals and sends them to their destination on a traditional landline.

Another base station transmits radio signals to send your call to another mobile phone.







## Do you think this is a good invention? Why?

