

GETTING THE MESSAGE

Science

Sound

One of the ways we communicate is by hearing. Sound is created by the **vibration** of an object. These vibrations travel through **materials** (such as air) to our ears.

materials	What everything is made of. Materials can be solid, liquid or gas.	vibrations	Movement to and fro.
particles	All materials are made of very tiny bits. You need a microscope to see them.	volume	How loud a sound is.
sound source	Something that makes a sound.	pitch	How high or low a sound is.

Computers

Computer technology has changed the way we **communicate** but we need to understand the positive and negative **consequences** of this. Mobile phones keep us linked to family, friends and information all the time. Should all children have them?

consequences	results	computer technology	Any machine that uses a computer. Also, all the programmes (apps) that we use.
regulated	If something is regulated, people check that things are clear, truthful, organised, fair and safe. The internet is not regulated.		

This topic is all about **communication**.

communication	Passing information between people. For example, talking, writing, signing, showing pictures or video, using technology.
message	The information that you want to give to people.

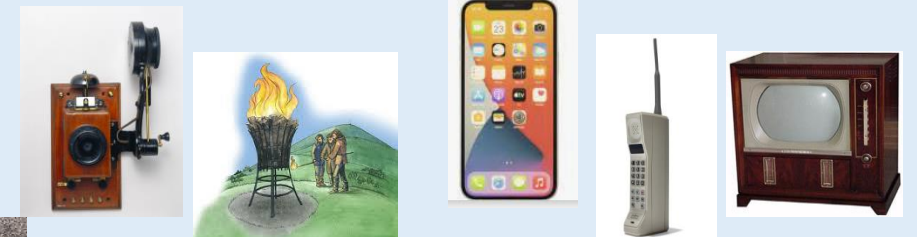


Music

Instruments and our vocal chords **vibrate** to make sound. Music and the words of a song can be used to **communicate a message**.

History

The way we send messages (information) to someone who is a long way away has changed.



Alexander Graham Bell (1847 – 1922) wanted to invent something that would help people communicate over long distances more easily. He invented the world's first telephone in **1876**.