

Year group: 6	Term: Spring 2	Unit: Creating Media- History of Computers
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Must have knowledge:

- To understand how computers have changed and the impact this has had on the modern world
- To know that sound clips can be recorded using sound recording software
- To know that sound clips can be edited and trimmed.

Key Vocabulary:

Byte: A byte is made up of 8 bits. One bit contains a single binary value – 0 or 1

CPU: (Central processing unit) The brain of the computer that deals with all the data it receives from input and output devices as well as programs run within the computer.

GPU: (Graphics processing unit) A piece of hardware that is used to help generate 2D and 3D images for programs such as games.

RAM: (Random Access Memory) A piece of hardware that allows data to be recalled or stored within a computer.

Sound Effects: Sounds to enhance an event or bring fantasy aspects to life in a film or other media, such as a whoosh of a time machine.

Key skills

- Using the understanding of historic computers to design a computer of the future.
- Using search and word processing skills to create a presentation.
- Planning, recording and editing a radio play.

Memory sizes:	Bytes:	Invented:	Abbreviation:
1 kilobyte	1,000	1950	(kb)
1 megabyte	1,000,000	1956	(mb)
1 gigabyte	1,000,000,000	1986	(gb)
1 terabyte	1,000,000,000,000	2007	(tb)

Bletchley Park and Y Service locations in Britain:



Y Service stations:

1. Scarborough
2. Flowerdown
3. Cheadle
4. Chatham

Bletchley Park worked closely with the 'Y Service' of British wireless intercept stations. The operators here would tune-in to enemy radio messages, in an attempt to gain snippets of information, to send back to Bletchley Park for deciphering.



Bletchley Park would have to stitch together the snippets received from the 'Y Service' to decrypt the complete message.