

Knowledge organiser – Y6 Creating Media

My Key Learning



What do I already know?

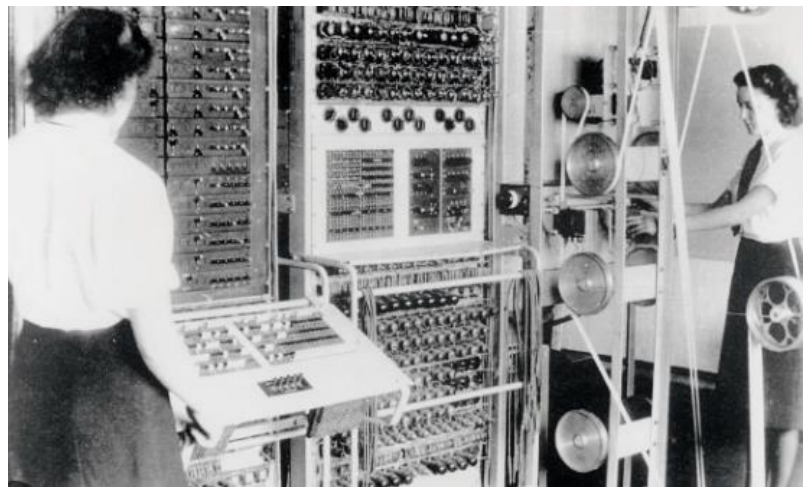
I know codes are used to hide important information.

To know that the first computers were created at Bletchley Park to crack the Enigma code to help the war effort in WW2.

Early computers

The first computers built were big enough to fill a room. They could only do one thing - use numbers to solve calculations.

Colossus was a set of computers developed by British codebreakers in the years 1943–1945 to help in the cryptanalysis of the Lorenz cipher.



How have computers changed the world?

- Computers have radically transformed every aspect of our lives, reshaping industries, societies, and daily routines.
- Computers have revolutionized communication and business through platforms like email and social media, providing faster and more efficient communication, as well as new marketing strategies.

Originally Computers dealt in bytes, kilobytes and Megabytes. Now, Computers deal in: Gigabytes and Terabytes.

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)

Key Vocabulary	Definition
colossus	The name of the first computer.
graphics	The art or visual representations displayed by a computer.
byte	A byte is made of 8 bits. One bit contains a single binary value- 0 or 1.
devices	an item of hardware.
memory	The part of a computer that stores variable executable code or data
storage	Any computer device, including such as a disk, on which data is stored for a longer term than memory
computer	A programmable electronic device that performs mathematical calculations and logical operations

