



YEAR 1 COMPUTING, HOW DO COMPUTERS WORK?

Key Vocabulary:

Computer: A machine that can store and process information.

Hardware: The physical components of a computer like the monitor, keyboard, and mouse.

Software: Programs and applications that tell the computer what to do.

Desktop: The main screen on a computer where icons and windows appear.

Mouse: A device used to move the cursor on the screen.

Keyboard: An input device used to type information into the computer.

Internet: A global network connecting millions of computers.

Search Engine: A program that searches for and identifies items in a database that correspond to keywords.

Website: A location connected to the Internet that maintains one or more pages on the World Wide Web.

Interesting Facts:

The first computer bug was an actual insect that got trapped in a computer in 1947, causing a malfunction.

The world's first website was published on August 6, 1991, by Tim Berners-Lee.

By the end of this topic, students should be able to:

Describe what a computer is and explain its primary function.

Identify and name key computer hardware components like the monitor, keyboard, and mouse.

Explain the difference between hardware and software.

Navigate the desktop and open applications.

Use a mouse to point, click, and drag on the screen.

Understand basic Internet concepts like websites, search engines, and online safety.

Parts of a Computer

