

How to use computers purposefully and safely.

- Learn to identify and name the different parts of a computer.
- Discover and understand that computers and robots are controlled by inputs to deliver outputs.
- Identify machines that use inputs around school.
- Understand the role of computers in modern life.
- Use knowledge of inputs and outputs to design an invention and explain how it works.

Key Skills

Identifying devices using inputs and outputs:



Key Vocabulary

Battery	One or more cells that store electrical energy for wireless devices.
Computer	Electronic machines that accept and process information to produce an output and store the results.
Desktop	A tower computer that has a separate mouse, keyboard and screen.
Laptop	A portable computer including a keyboard and screen.
Keyboard	An input device with keys or buttons to create letters, numbers and symbols to communicate with a computer.
Mouse	A mouse is used to move things around on a computer screen.
Screen (monitor)	The part of the computer that shows what is happening, such as pictures, videos and words.
Input	A way to tell a computer what to do.
Output	Information or data that is sent by a computer to a device such as a printer.
Wireless	A device that communicates without needing to be plugged in to another device.

Websites to help:

For more examples of input and output devices and how they are used:

<https://www.schoolsofkingedwardvi.co.uk/ks2-computing-computer-programming-1-decomposition/>

BBC Bitesize has lots of information about computers and how to stay safe:

<https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/zx8hvpv4>