

Computing	Computing systems & networks	Year 1	Autumn
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Key Knowledge

To identify technology	<ul style="list-style-type: none"> I can explain how these technology examples help us I can explain technology as something that helps us I can locate examples of technology in the classroom
To identify a computer and it's main parts	<ul style="list-style-type: none"> I can name the main parts of a computer I can switch on and log into a computer I can use a mouse to click and drag
To use a mouse in different ways	<ul style="list-style-type: none"> I can click and drag to make objects on a screen I can use a mouse to create a picture I can use a mouse to open a program
To use a keyboard to type on a computer	<ul style="list-style-type: none"> I can save my work to a file I can say what a keyboard is for I can type my name on a computer
To use the keyboard to edit text	<ul style="list-style-type: none"> I can delete letters I can open my work from a file I can use the arrow keys to move the cursor
To create rules for using technology responsibly	<ul style="list-style-type: none"> I can discuss how we benefit from these rules I can give examples of some of these rules I can identify rules to keep us safe and healthy when we are using technology in and beyond the home

Statutory requirements

- use technology purposefully to create, organise, store, manipulate and retrieve digital content
- recognise common uses of information technology beyond school
- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies

Key vocabulary

Spelling	Definition
Algorithm	A precise set of ordered steps that can be followed by a human or a computer to achieve a task
Command	A single instruction that can be used in a program to control a computer
Computer	A programmable machine that accepts and processes inputs and produces outputs (input, process, output; IPO)
Data	A letter, word, number etc. that has been collected for a purpose, but stored without context
Information technology	The study, use, and development of computer systems for storing, processing, retrieving, and sending information

Possible experiences

- Use a computer at home to practise logging in
- Using a mouse at home and practising clicking to open different programmes
- Complete some of your homework using a computer and practise saving their work
- Use Microsoft Word at home to write a letter to someone, using the arrow keys, space bar etc.
- Sit down as a family and set up your own rules at home for using technology. E.g. time limits, parent supervision...



Mouse



Keyboard



Cursor