Year 1 Computing Knowledge Organiser
Autumn 1
Theme: Technology Around Us

Computing

Key Knowledge and Skills

By the end of this unit children will…
develop their understanding of technology and how it can help them. They will become more familiar with the different components of a computer by developing their keyboard and mouse skills, and also start to consider how to use technology responsibly.

Technology
Technology is the name for man-made things that help us. Examples include computers, phones, cars, bikes and even pencils! Technology is all around us and helps to make our lives easier!

Non-digital technology is the name for non-electronic items which do not create and store information.

Digital technology is the name for electronic items that create and store information (e.g. computers, phones, televisions).

Computers
Desktop computers need to be placed on a surface e.g. a table or a desk.
Laptop computers are portable – they can be moved to different places.
The screen (monitor) displays what the computer is doing.
The mouse lets you select and move objects (some computers have trackpad instead).
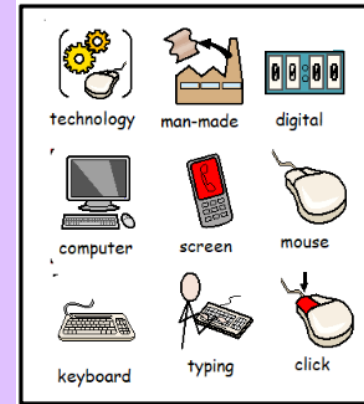The keyboard lets you type letters and numbers.
Computers can run different programs. Programs do different tasks on computers (E.g. Microsoft Word).
When we are using a program, it is important to save our work so that we can retrieve it at a later date.

Key Vocabulary

technology – man made things that can help us
man-made – made by human beings
digital technology – electronic items that create and store information
computer – an electronic device that can input, output, store and process information.
screen – the screen displays what the computer is doing
mouse – an input device that lets you select and move objects
keyboard – an input device that lets you type letters and numbers.
typing – when we write using a keyboard
click – pressing the button on the mouse

Online Safety

Managing Online Information
The internet is full of information that we can access. We can find information using digital technologies through search engines and even voice activated searching!
We can encounter a range of things online that we like and don't like as well as things that are real or make believe.
If we see something online that makes us feel sad, worried, uncomfortable or frightened we must get help from a trusted adult (e.g. parent, grandparent, teacher).