



Year 3 - Autumn 1- Computing Knowledge Organiser

What I already know...

- How to explain the various uses for computers
- The need to follow certain rules to remain safe when visiting places online

Key Vocabulary

network	Something that connects two or more computers together
digital device	An electronic device that has a screen (e.g. computer, iPad, mobile phone)
input	The information received by a device.
output	The information given out by a device
infrastructure	All the basic parts needed to make a network function
process	A series of actions used to achieve something.

What I will learn...

- You shouldn't share personal information online.
- That you should treat others with respect online as you would face to face
- You should always speak to an adult if something worries you or seems unsafe
- How digital devices function
- What input and output devices are
- How digital devices can change how we work
- How a network can be used to share information
- How devices can be connected
- The physical parts of a network



Making a difference at The Merton

Children will learn in our Online Safety module to use technology safely, respectfully & responsibly. They will recognise acceptable & unacceptable behaviour and Identify a range of ways to report concerns

In our second module children develop their understanding of digital devices, with a focus on inputs, processes, and outputs. They also compare digital and non-digital devices. They are introduced to networks, including devices that make up a network's infrastructure, such as wireless access points and switches. They discovering the benefits of connecting devices in a network.

Making a difference at home:

Do you use devices at home?

Ask yourself: what are you applying from what you learn at school to make sure you stay using devices at home?

Have a look here for some more info and activities on online safety:

<https://www.bbc.co.uk/bitesize/articles/zsycbat>