Year 1 - Autumn 1 - Computing Knowledge Organiser

What I already know...

In EYFS I started to develop my understanding of technologies as I explored how different materials and objects work in different ways for different purposes.

I have used computers with the support of an adult to help me to click on different icons on a computer program.

What I will learn...

To give examples of computer technology around us eg:

Mobile Phone: Press buttons to call and message people. Washing machine: Program it to clean clothes Microwave: Press buttons to tell it to heat food.

To use a mouse to move and click on items.

To use a keyboard to type

To use a keyboard to edit text

I know rules to use computer technology safety

● *Hold your device carefully*

● *Stop using your device when someone is talking to you*

● *Take turns with your partner*

● *Use only the apps you have been asked to used*

       ● *Don't share your passwords*

Key Vocabulary

keyboard	Lets you type letters and numbers on
mouse	lets you select and move objects. On a laptop, this is called a **track-pad**.
screen	This shows what the computer is doing.
technology	Anything made by people to help us.
base unit	Stores and processes information
cursor	This is an arrow or line on the screen that you can move with your mouse.
backspace	This lets you delete and edit text.

Key Skills

Disciplinary knowledge skills I will learn:

◆   explain technology as something which help us

◆   locate examples of technology in the classroom

◆   explain how this technology helps us

Making a difference at The Merton and beyond.

Children will develop their understanding of technology, what it is and how it is all around us helping to make our everyday lives easier. They will begin their school journey using laptops and will start to become familiar with the different components of a computer by developing their keyboard and mouse skills. We will develop our basic skills to get us ready for our collaborative Digital Sea Art unit, as we learn how to change the colour and thickness of the paintbrush, and use this to create simple pictures and use the keyboard to add text, such as our names to show our digital ownership. We will learn to save our work and open it again to add to it in the future. As we grow in confidence using computers, we will be start to make careful considerations about what we can do to make sure our experiences when we use them are safe, through exploring why we have rules in school and how those rules help us, and then apply this under

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