Transition Task – ICT / Computer Science

In year 7 you will have an 1 hour of ICT / Computer Science lesson each week. During these you will learn about how to use a PC but also how a PC works.

Keywords – some keywords you will need to know in your first lesson.

software	The programs, applications and data in a computer system. Any parts of a computer system that aren't physical.
hardware	The physical parts of a computer system, e.g. a graphics card, hard disk drive or CD drive.
keyboard	A QWERTY keyboard is the layout of the majority of keyboards used in the UK to input numbers and text into a computer.
login screen	A display asking a user to enter a username and/or password in order to gain access to the system.
Microsoft Office	A collection of software for business-related tasks, including word processing, spreadsheet, database, desktop publishing and database applications.
mouse	A device for moving a pointer or cursor on the screen.
network	A number of computers connected together to share files and resources such as printers.
password	A mixture of numbers, letters and special characters needed to access a network or a protected file.
server	A computer that holds data to be shared with other computers. A web server stores and shares websites.
user account	A collection of settings, and often files, that relate to just one user. A password is normally needed to gain access.

You will have your own **user account**, it will have a unique username that is just for you. To keep your work safe, you will have to set a good **password**. Look at the 3 passwords and decide which one is the strongest (hardest to guess) and explain why.

12345678   Xn23!dTy   Pa55word

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The hardware you will use in lesson will be a desktop PC. It will have a mixture of input and output devices, including a monitor, mouse and keyboard.

What   does   PC   stand   for?
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What   do   you   think   an   input   device   does?

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What do you think an output device does?   _____

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Draw a desktop PC, make sure you include the monitor, mouse and keyboard.

Keywords – test yourself on the keywords.

user account	
	A collection of software for business-related tasks, including word processing, spreadsheet, database, desktop publishing and database applications.
	A computer that holds data to be shared with other computers. A web server stores and shares websites.
mouse	
login screen	
password	
	A number of computers connected together to share files and resources such as printers.
	A QWERTY keyboard is the layout of the majority of keyboards used in the UK to input numbers and text into a computer.
hardware	
	The programs, applications and data in a computer system. Any parts of a computer system that aren't physical.

Finally, if you are able to practise typing between now and September it would be great, but don't worry if you've not got a keyboard, we'll do lots of practise in lessons.