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Progression of Skills in Computing - Using computer hardware and software

	Caterpillars	Nursery	Reception
Using computer hardware and software			
By the end of these stages the majority of the children will be able to carry out and use these skills.	<ul style="list-style-type: none">• Hear and understand the computing vocabulary for 2-3 year old children.• Understand how to turn on and turn off battery operated toys.• Use buttons and switches to slide, push and press to operate simple toys.• Know what an iPad is and recognise the screen.• Take a photograph using a camera or iPad.	<ul style="list-style-type: none">• Hear, use and understand computing vocabulary for 3-4 year old children.• Be inquisitive about technology and want to use computers and iPads in the classroom.• Be familiar with early years games and use a mouse to move objects and cursers around a screen.• Be able to interact with a smartboard, iPad and computer.• Talk about what they have done on a computer or iPad.• Be familiar with BeeBots and know how to move them forwards and backwards.• To take photographs of objects, models and places that interest them.• To use school equipment safely and respectfully.	<ul style="list-style-type: none">• Hear, use and understand computing vocabulary for 4-5 year old children.• Log on and log off a computer correctly using a simple username and password.• Have good mouse skills to move objects around a screen and place a curser accurately where it needs to be.• Use a mouse to drag and drop objects around a screen using the correct mouse button.• Use the keyboard to type their own name and simple captions.• Use an art programme to make their own picture using a range of colours and brush sizes.• Draw a picture using 2 publish and add a simple caption below it.• Use the spacebar to leave a space between words.• Use a full stop at the end of a sentence.• Know how to make a capital letter using the shift key or by using caps lock.



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	Year One	Year Two
Using computer hardware and software		
By the end of these stages the majority of the children will be able to carry out and use these skills.	<ul style="list-style-type: none">• Hear, use and understand computing vocabulary for 5-7 year old children.• Log on and log off a computer correctly using a simple username and password.• Save and retrieve files stored within a file.• Navigate around the desktop and select specific programmes.• Use the keyboard effectively to word process simple sentences, poems and stories.• Have good mouse skills to confidently move around a computer screen.• Use number lock and caps lock when necessary.	<ul style="list-style-type: none">• Hear, use and understand computing vocabulary for 5-7 year old children.• Save their own work in a file using an appropriate file name.• Retrieve work that has been saved in folders to amend and change.• Use the word processor word to insert pictures and change font by size, colour and style.• Text wrap images so that they can be placed freely into a word document.• Use appropriate tools in the art package dazzle to increase detail in their artwork.• Use a green screen independently to create computer generated images on an iPad.