



Forever Learning: Limitless potential for every child

Computing Progressions of Skills

Area/Aspect/Element	Foundation Stage		Key Stage 1	
	Nursery	Reception	Year 1	Year 2
Mouse control <i>(Information Technology)</i>	<ul style="list-style-type: none"> Handles books and touch screen technology carefully and the correct way up with growing competence Begins to navigate apps and websites on digital media using drop down menu to select websites and icons to select apps 	<ul style="list-style-type: none"> Completes a simple program on electronic devices Uses ICT hardware to interact with age appropriate computer software Can create content such as a video recording, stories, and/or draw a picture on screen 	<ul style="list-style-type: none"> Confidently use the mouse for different functions within a program. Manipulate documents using the mouse. To use a mouse in different ways Add and remove text on a computer 	<ul style="list-style-type: none"> Use both sides of the mouse for different functions. To manipulate documents using the mouse.
Typing <i>(Information Technology)</i>	<ul style="list-style-type: none"> Shows interest in letters on a keyboard, identifying the initial letter of their own name and other familiar words 	<ul style="list-style-type: none"> Completes a simple program on electronic devices Uses ICT hardware to interact with age appropriate computer software Can create content such as a video recording, stories, 	<ul style="list-style-type: none"> -To use a keyboard to type on a computer Use the keyboard to edit text identify that the look of text can be changed on a computer 	<ul style="list-style-type: none"> Use two hands for typing. Know the functions of the keyboard.

		<p>and/or draw a picture on screen</p> <ul style="list-style-type: none"> • Gives meaning to the marks they make as they draw, write, paint and type using a keyboard or touch-screen technology 		
<p>Saving and retrieving (Information Technology)</p>	<ul style="list-style-type: none"> • Knows that information can be retrieved from digital devices and the internet 		<ul style="list-style-type: none"> • With support use technology to create, save and retrieve digital content 	<ul style="list-style-type: none"> • Use technology to create, save, edit and retrieve digital content
<p>Digital Media (Digital Literacy)</p>	<ul style="list-style-type: none"> • Knows how to operate simple equipment, e.g. turns on CD player, uses a remote control, can navigate touch-capable technology with support 	<ul style="list-style-type: none"> • Develops digital literacy skills by being able to access, understand and interact with a range of technologies 	<ul style="list-style-type: none"> • Identify technology • identify a computer and its main parts • Describe what different freehand tools do • Use the shape tool and the line tools • Make careful choices when painting a digital picture 	<ul style="list-style-type: none"> • Recognise common uses of information technology beyond school use technology
<p>Algorithms (Computer Science)</p>	<ul style="list-style-type: none"> • Shows an interest in technological toys with knobs or pulleys, real objects such as cameras, and touchscreen devices such as mobile phones and tablets • Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images 		<ul style="list-style-type: none"> • Understand and follow a simple algorithms • Beginning to create and debug simple programs use logical reasoning. 	<ul style="list-style-type: none"> • Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions. • Create and debug simple programs • Use logical reasoning to predict the behaviour of simple programs. • Recognise that choices are made when using information
<p>Online Safety (Digital Literacy)</p>		<ul style="list-style-type: none"> • Can use the internet with adult supervision to find and retrieve information of 	<ul style="list-style-type: none"> • Begin to understand personal information • Know who to go for help 	<ul style="list-style-type: none"> • Safely and respectfully, keeping personal information private

		<p>interest to them</p> <ul style="list-style-type: none">• Begin to understand what personal information means - <i>name and school name</i>	<p>when they have concerns about something on the internet or other online technologies.</p> <ul style="list-style-type: none">• Create rules for using technology responsibly	<ul style="list-style-type: none">• Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.• Recognise that choices are made when using information technology
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