

EYFS (Development Matters Curriculum)

LEARNING PROGRESSION

Nursery		Reception	
2—3 years	3—4 years	Reception	Early Learning Goal
E-Safety	<p>Children increasingly follow rules, understanding why they are important.</p> <p>I know that information can be retrieved from computers.</p>	<p>Children understand they should have sensible amounts of 'screen time'.</p>	<p>Children are able to explain the reasons for rules, know right from wrong and try to behave accordingly.</p> <p>I can recognise that a range of technology is used in places such as homes and schools.</p> <ul style="list-style-type: none"> I know that many people use the internet to receive information.
Computer Scientists	<p>I can operate mechanical toys, e.g. turns the knob on a wind-up toy or pulls back on a friction car.</p> <p>Children can explore how things work: For example: I know how to operate simple equipment, e.g. turns on CD player and uses remote control.</p> <ul style="list-style-type: none"> -I can move a mouse I can experiment with digital painting/drawing with support. <p>I can show an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones.</p> <ul style="list-style-type: none"> I can take a picture with support and play a recording with support. <p>I can show skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images.</p> <p>I can respond to simple instructions, e.g. to get or put away an object.</p>	<p>Children develop their small motor skills so that they can use a range of tools competently, safely and confidently.</p> <ul style="list-style-type: none"> I can complete a simple program on a computer. I can use programmable toys. I can respond to instructions involving a 2 part sequence. 	<p>Children are confident to try new activities and show independence, resilience and perseverance in the face of a challenge.</p> <p>I can follow instructions involving several ideas or actions. (ELG)</p>
Creators	<p>I can seek to acquire basic skills in turning on and operating some ICT equipment.</p> <p>Children can match their developing physical skills to tasks and activities in the classroom:</p> <ul style="list-style-type: none"> I can use one handed tools and equipment 	<p>Children develop their small motor skills so that they can use a range of tools competently, safely and confidently.</p> <p>I can use ICT hardware to interact with age-appropriate computer software.</p> <ul style="list-style-type: none"> I can begin to use a mouse to navigate around the screen. I can enter text using a keyboard. I can take a picture and video. <p>I can record using a microphone.</p> <p>They explore, use and refine a variety of artistic effects to express their ideas and feelings.</p>	<p>Children can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>

****Evidence will be gathered for computing through a range of class based activities suggested above****

EYFS - Nursery/Reception - Computing

Cycle A Topics					
This is Me	Super Celebrations	Out of this world	Once upon a time	All creatures great and small	Let the Adventures Begin
Cycle B Topics					
All About Me	Let's have a party!	A world of pure imagination!	Happily ever after	All things bright and beautiful	Let's go on an adventure!

Development Matters Stage	2-3 3-4 nursery 4-5 reception				
Vocabulary introduced/embedded	<p>Computer scientists—CD player, remote, instruction, programme, equipment, buttons, movement, sequence.</p> <p>Creators—Mouse, still, moving, picture, camera, screen. keyboard, log on, log off, type, image, microphone.</p> <p>E-safety—Internet, information, login, choices, website.</p>				
I know that/how to...	<p>That buttons on equipment can make them do things.</p> <p>How to control simple equipment e.g. CD player.</p> <p>That instructions tell me what to do.</p> <p>That instructions need to be followed.</p> <p>That computers help people to do things.</p> <p>That computers give us information like videos and learning.</p> <p>How to hold a computer mouse.</p> <p>That you move a mouse on a mat or table.</p> <p>That things can be still or moving.</p> <p>That pictures are still, not moving.</p> <p>How to control a range of toys using buttons and other parts.</p> <p>How to play with lots of different toys.</p> <p>How to take a picture on a tablet with some help.</p> <p>How to take a video on a tablet with some help.</p> <p>That some apps/programmes let me draw.</p> <p>That when I move my finger on a tablet I can draw.</p> <p>That when I click the mouse and move it I can draw.</p> <p>That the internet has things on it.</p> <p>That I can get this information on tablets, phones and PCs.</p> <p>That people can help me to get information from the internet.</p> <p>How to ask for help if I am worried or stuck.</p> <p>That it's ok to ask for help.</p> <p>That there are some people I can go to for help.</p> <p>How to make a Beebot move forwards.</p> <p>That a Beebot can turn.</p> <p>That you need to press a button to make the Beebot follow the instructions.</p>	<p>That instructions can have more than one step.</p> <p>That instructions need to be followed in the right order.</p> <p>How to order simple steps/instructions.</p> <p>How to give an instruction.</p> <p>That apps do different things.</p> <p>That some apps are only good for some things.</p> <p>That a computer has different parts.</p> <p>That a computer has a screen, mouse, keyboard and printer.</p> <p>That you need to log on to a computer.</p> <p>That you need a special name to log in.</p> <p>That you need a special word (password) to log in.</p> <p>How to log in to an account with help from an adult.</p> <p>That the mouse moves an arrow on the screen.</p> <p>That when I move the mouse, the arrow moves.</p> <p>That when I click the mouse buttons things happen.</p> <p>That computers can print.</p> <p>That the button to print looks like a printer.</p> <p>That pressing the keyboard makes letters in the computer.</p> <p>How to write letters/words in the computer.</p> <p>That pictures are still.</p> <p>That videos show things moving.</p> <p>That I can pause a video to make it still.</p> <p>That some apps let me take pictures and videos.</p> <p>That the big button lets me take a picture or video on the camera.</p> <p>How to take a picture.</p> <p>How to take a video.</p>	<p>That I need to hold the camera carefully and still.</p> <p>That sounds can be recorded.</p> <p>That microphones can be on or off.</p> <p>That microphones can only record when they're on</p> <p>How to make lines on a PC or tablet.</p> <p>That lines can be all different colours.</p> <p>That lines can be joined to make a picture.</p> <p>That I need to keep my login safe.</p> <p>That I shouldn't tell other people my login.</p> <p>That the internet has lots of things on it.</p> <p>That people all around the world use the internet.</p> <p>That I shouldn't click on some boxes that come up on a screen.</p> <p>That if a box comes up that I don't know, then I should tell an adult I trust.</p> <p>How to ask for help when I am unsure.</p> <p>That we have SMART rules.</p> <p>That the SMART rules keep me safe.</p> <p>That I shouldn't meet people from the internet.</p> <p>That I shouldn't tell people on the internet where I live or who I am.</p> <p>That my adults are there to help me on the internet.</p> <p>That I shouldn't use the internet on my own yet.</p> <p>How to go on the internet with support.</p>		