



Computing Progression of Skills

	Birth to 3	3 - 4	Reception	Y1	Y2
Computer Science	<p>I can explore and make sense of objects and how they behave.</p> <p>I can anticipate repeated sounds, sights and actions.</p> <p>I can show interest in toys with buttons, flaps and simple mechanisms and begin to learn how to operate them.</p>	<p>I can turn on and operate some digital equipment.</p> <p>I can operate mechanical toys.</p> <p>I can operate simple equipment.</p> <p>I can show an interest in technological toys with knobs or pulleys and touch screen devices.</p> <p>I can make toys work.</p>	I can give and follow simple instructions in order (algorithms).	I can read a set of instructions and usually predict the correct outcome.	I can produce a sequence of instructions that result in planned outcomes.
			I can create a short sequence of instructions (algorithms).	I can produce a set of instructions that others can usually follow.	I can program a short sequence of commands that result in a planned effect.
			I can change instructions to create a different outcome (algorithms).	I understand that computers follow instructions given in a precise way.	I can program and test a simple program.
			I can make a programmable toy move (programming).		I can create algorithms to solve simple problems.
			I can use simple software and tools to make something planned happen.		
			I can make choices on screen about buttons and icons to select.		
			I can create, recreate and continue patterns.		
			I can sort a set of objects according to criteria.		
			I can construct simple pictograms.		
			I know that pictures on a pictogram represent numerical values.		
Information Technology			I can use a keyboard to make choices.	I can enter simple sentences using a keyboard.	I can combine graphics with text.
			I can use the mouse or touch to select icons and items.	I can use a mouse to point, click and drag objects around a screen.	I can use appropriate effects and re-size graphics.
			I can move onscreen objects.	I can use the mouse to select icons and items.	I can copy text from an internet page to a document.
			I can talk about the technology used at home and in school.	I can print work.	I can save, print and retrieve work.
			I can operate digital equipment.	I can save work with assistance.	I can use software, computers and devices to make simple presentations and create things.
			I can use technology and digital content to play and learn.	I can navigate a website using buttons and image links.	I can enter a URL for a website with support.
			I can begin to understand that computers can be used to represent real life and imaginary situations.		I can identify some links within web content and navigate with purpose.
			I can explore simple computer models and talk about what happens if...		

Digital Literacy		I can create shapes and text using digital tools.	I can find answers to simple questions using a website.	I can begin to use a range of applications on computers and devices independently.
		I can use technology to show learning.	I can use drawing and text tools to impart information.	I can talk about how useful particular websites and/or applications have been to my work.
		I can talk about different kinds of information such as pictures, words, videos and sound.	I can talk about how I have used the computer to create things.	I can create digital content that communicates meaning.
		I can create simple compositions and record/playback audio.		
		I can begin to understand that software and tools can be used to communicate through text, images and sound.		
		I can find information using a basic search		
E-Safety		I know to ask an adult before going online.	I understand that various information is personal.	I understand that a wider range of information is personal.
		I know to tell an adult if I find anything worrying online.	I can usually identify characteristics of trustworthy people.	I can identify some of the ways to use computers safely.
		I know that I should not talk to anyone I do not know online.		I know the need for passwords and that they should be kept safe.
		I can be kind to friends.		
		I can talk about how much time I spend on computers and devices.		
		I can be careful using computers and devices.		
		I can share the use of computers and devices.		