

Progression in Computing and ICT: _____



Skill	Key Stage 1			Key Stage 2		
	Developing	Secure	Exceeding	Developing	Secure	Exceeding
e-Safety	<p>I can keep my password private.</p> <p>I can tell an adult when I see something worrying online.</p> <p>I can agree and follow sensible e-Safety rules.</p>	<p>I can tell you what personal information is.</p> <p>I know that not everyone is who they say they are on the Internet.</p> <p>I can talk about why it's important to be kind and polite.</p> <p>I can recognise an age appropriate website.</p> <p>I can talk about why I should go online for a short amount of time.</p> <p>I can talk about why it is important to be kind and polite online and in real life.</p>	<p>I can explain why I need to keep my password and personal information private.</p> <p>I can describe the things that happen online that I must tell an adult about.</p>	<p>I can protect my personal information when I do different things online.</p> <p>I can use the safety features of websites as well as reporting concerns to an adult.</p> <p>I can recognise websites and games appropriate for my age.</p> <p>I can make good choices about how long I spend online.</p> <p>I ask an adult before downloading files and games from the Internet.</p> <p>I can post positive comments online.</p>	<p>I choose a secure password when I am using a website.</p> <p>I know that anything I post online can be seen by others.</p> <p>I choose websites and games that are appropriate for my age.</p> <p>I comment positively and respectfully online.</p> <p>I can talk about what makes a secure password and why they are important.</p> <p>I use the safety features of websites as well as reporting concerns to an adult.</p>	<p>I can talk about why I need to ask a trusted adult before downloading files and games from the Internet.</p> <p>I can talk about the ways I can protect myself and my friends from harm online.</p> <p>I can help my friends make good choices about the time they spend online.</p>
Multimedia	<p>I can be creative with different technology tools.</p> <p>I can use the keyboard or a word bank on my device to enter text.</p> <p>I can save information in a special place and retrieve it again.</p>	<p>I can use technology to create and present my ideas.</p> <p>I can tell you about an online tool that will help me to share my ideas with other people.</p> <p>I can save and open files on the device I use.</p>	<p>I can use technology to organise and present my ideas in different ways.</p> <p>I can use the keyboard on my device to add, delete and space text for others to read.</p>	<p>I can create different effects with different technology tools.</p> <p>I can use an appropriate tool to share my work online.</p>	<p>I can combine a mixture of text, graphics and sound to share my ideas and learning.</p> <p>I can change the appearance of text to increase its effectiveness.</p> <p>I can use a keyboard confidently and make use of a spellchecker to write and review my work.</p> <p>I can use an appropriate tool to share my work and collaborate online.</p>	<p>I can evaluate my work and improve its effectiveness.</p> <p>I can use appropriate keyboard commands to amend text on my device, including making use of a spellchecker.</p> <p>I can give constructive feedback to my friends to help them improve their work and refine my own work.</p>

Programming	<p>I can give instructions to my friend and follow their instructions to move around.</p> <p>I can describe what happens when I press buttons on a robot.</p> <p>I can describe what actions I will need to do to make something happen and begin to use the word algorithm.</p> <p>I can begin to use software/apps to create movement and patterns on a screen.</p>	<p>I can begin to predict what will happen for a short sequence of instructions.</p> <p>I can give instructions to my friend (using forward, backward and turn) and physically follow their instructions.</p> <p>I can tell you the order I need to do things to make something happen and talk about this as an algorithm.</p> <p>I can use programming software to make objects move on screen.</p> <p>I can press the buttons in the correct order to make an avatar do what I want.</p>	<p>I can program a robot or software to do a particular task.</p> <p>I can watch a program execute and spot where it goes wrong so that I can debug it.</p> <p>I can look at my friend's program and tell you what will happen.</p> <p>I can use the word debug when I correct mistakes when I program.</p>	<p>I can put programming commands into a sequence to achieve a specific outcome.</p> <p>I can use repeat commands.</p> <p>I can describe the algorithm I will need for a simple task.</p> <p>I keep testing my program and can recognise when I need to debug it.</p>	<p>I can break an open-ended problem up into smaller parts.</p> <p>I can use an efficient procedure to simplify a program.</p> <p>I know that I need to keep testing my program while I am putting it together.</p> <p>I can use a variety of tools to create a program.</p> <p>I can recognise an error in a program and debug it.</p> <p>I recognise that an algorithm will help me to sequence more complex programs.</p>	<p>I recognise that using algorithms will also help solve problems in other learning such as Maths, Science and Design and Technology.</p>
Handling Data	<p>I can talk about the different ways in which information can be shown.</p> <p>I can use technology to collect information, including photos, video and sound.</p>	<p>I can sort different kinds of information and present it to others.</p> <p>I can add information to a pictograph and talk to you about what I have found out.</p> <p>I can make and save a chart or graph using the data I collect.</p> <p>I can talk about the data that is shown in my chart or graph.</p>	<p>I talk about the different ways I use technology to collect information, including a camera, microscope or sound recorder.</p> <p>I can tell you what kind of information I could use to help me investigate a question.</p>	<p>I can talk about the different ways data can be organised.</p> <p>I can search a ready-made database to answer questions.</p> <p>I can collect data to help me answer a question.</p> <p>I can add to a database.</p>	<p>I can make a branching database.</p> <p>I can use a data logger to monitor changes and can talk about the information collected.</p> <p>I can organise data in different ways.</p> <p>I can plan, create and search a database to answer questions.</p> <p>I can choose the best way to present data to my friends.</p>	<p>I can collect data and identify where it could be inaccurate.</p>

Technology in our Lives	<p>I can recognise the ways we use technology in our classroom.</p> <p>I can recognise ways that technology is used in my home and community.</p> <p>I can use links to websites to find information.</p> <p>I can begin to identify some of the benefits of using technology.</p>	<p>I can tell you why I use technology in the classroom.</p> <p>I can tell you why I use technology in my home and community.</p> <p>I am starting to understand that other people have created the information I use.</p>	<p>I can identify benefits of using technology including finding information, creating and communicating.</p> <p>I can talk about the differences between the Internet and things in the physical world.</p>	<p>I can save and retrieve work on the Internet, the school network or my own device.</p> <p>I can talk about the parts of a computer.</p> <p>I can tell you ways to communicate with others online.</p> <p>I can use search tools to find and use an appropriate website.</p>	<p>I can identify key words to use when searching safely on the World Wide Web.</p> <p>I think about the reliability of information I read on the World Wide Web.</p> <p>I can describe the World Wide Web as the part of the Internet that contains websites.</p> <p>I think about whether I can use images that I find online in my own work.</p>	<p>I can tell you how to check who owns photos, text and clipart.</p> <p>I can create a hyperlink to a resource on the World Wide Web.</p> <p>I can tell you whether a resource I am using is on the Internet, the school network or my own device.</p>
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