

## Computing Skills Progression

	<b>EYFS</b>	<b>Key Stage 1</b>	<b>Key Stage 2</b>
E-safety and E-sense	<p>Understand the importance of staying safe online.</p> <p>Know ways to stay safe online.</p>	<p>Use technology safely and respectfully, keeping personal information private.</p> <p>Identify where to go for help and support when they have concerns about content or contact on the internet or their online technologies</p>	<p>Use technology safely, respectfully and responsibly.</p> <p>Recognise acceptable/unacceptable behaviour.</p> <p>Identify a range of ways to report concerns about content and contact.</p> <p>Be discerning in evaluating digital content.</p>
Programming	<p>Be able to use a simple programme the iPad or interactive whiteboard and predict the behaviour of a simple pattern.</p> <p>Be able to execute a sequence of instructions on a programming toy or app.</p>	<p>Understand what algorithms are and how they are implemented as programs.</p> <p>Create and debug simple programs.</p> <p>Use logical reasoning to predict the behaviour of simple programs.</p>	<p>Design, write and debug programs that accomplish specific goals.</p> <p>Solve problems by decomposing them into smaller parts. Use sequence, selection and repetition in programs.</p> <p>Work with variables and various forms of input and output.</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p>Select, use and combine a variety of software to create a range of programs, systems and content that accomplish given goals.</p>

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Handling data		Use technology purposefully to organise and manipulate digital content.	Select, use and combine a variety of software to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
Multimedia	Use a digital camera or iPad to record images and videos.	Use technology purposefully to create digital content	Select, use and combine a variety of software to design and create a range of programs, systems and content that accomplish given goals.
Technology in our lives	<p>Know information can be retrieved from a computer.</p> <p>Know and understand different uses of technology and know-how computers help us outside school.</p>	Use technology purposefully to store and retrieve digital content and to recognise common uses of information technology beyond school.	<p>Understand computer networks including the internet and the opportunities they offer for communication and collaboration.</p> <p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p>