


Computer Progression Plan

Intent: We intend to deliver a computing curriculum that prepares children to live **safely** in an increasingly digital society. Our computing curriculum enables children to explore and use technology creatively so that they can develop their computing skills in a variety of ways. They will become responsible, confident and competent users of information and communication technology.

Early Years	Basic Skills	Programming	Multimedia	E Safety
	<p>Can use the internet with adult supervision to play an ICT game linked to their learning.</p> <p>To be able to use a mouse and to select colours, tools etc in a drawing programme.</p> <p>To begin to use a keyboard to type words such as their name.</p> <p>To talk about how Information technology is</p>	<p>To be able to make a bee bot move.</p> <p>To make choices about the buttons and icon they press, touch and click on.</p> <p>Explore a range of objects that work in different ways eg egg whisk, torch, pulleys, household implements.</p>	<p>To be able to move objects on a screen.</p> <p>To begin to use technology to show their learning.</p>	<p>To know what to do if something you see on a screen upsets you.</p> <p>To know that it is important to be kind when using technology.</p>
Key Stage 1	Basic Skills	Programming	Multimedia	E Safety
<p>Year 1</p> <p>Computing</p>	<p>To recognise common uses of information technology beyond school</p> <p>To know what a file is and to be able to print their work.</p> <p>To know that there are different types of technology in and out of school.</p> <p>To understand how keyboards are used for typing and internet searches and to begin to use basic keys such as space bar and back space.</p>	<p>To program a bee bot to move forwards and backwards and begin to use turning.</p> <p>To understand start, stop and go commands.</p> <p>To understand how commands given to robots result in their movement.</p> <p>To begin to understand an algorithm is a set of instructions.</p>	<p>To create text and images (with support using 2 animate and 2 publish)</p> <p>To take photos using I pads.</p>	<p>To use technology safely and understand the importance of being kind.</p> <p>To understand what 'personal information' is and why it is kept private.</p>
<p>Year 2</p> <p>Computing</p>	<p>To know how to perform a simple internet search by following links.</p> <p>To be able to save and open a file on the devices they use.</p> <p>To understand the importance of computers and communicating online.</p>	<p>To be able to give instructions to a friend using forward, back and turn and physical follow their instructions.</p> <p>To understand how algorithms are used to give robots and devices instructions for movement.</p> <p>To be able to tell you the order that they need to do things to make something happen and talk about this as an algorithm.</p> <p>To be able to watch a program execute and spot where it goes wrong so that I can debug it.</p>	<p>To know that a presentation can be a film, audio and images.</p> <p>To use technology to organise and present my ideas in different ways. (Powerpoints, 2 animate)</p>	<p>To explain why we keep personal information and passwords private. T</p> <p>To recognise the difference between real-life and online friends.</p> <p>To describe the things that happen online that I must tell an adult about.</p> <p>I can talk about why it is important to be kind and polite online and in real life.</p>