



Subject...Computing: Highest Value Targets

Year group	Knowledge and skills		
	Non-negotiable key concepts	Would be good if they achieved	Other subject links
Year 1	<p>To be proficient in keeping themselves safe online, and to be able to use a range of apps and programs.</p> <p>To be able to log onto a computer.</p> <p>To be able to know not to share personal information.</p> <p>To know what to do if something online upsets them.</p> <p>To be able to navigate an app.</p>	<p>Making music using an app</p> <p>Uploading photos</p>	<p>Music</p> <p>English/Phonics</p> <p>Maths.</p> <p>To be</p> <p>PSHRE</p>
Year 2	<p>To be proficient in opening and saving their work.</p> <p>To be able to use the keyboard for all letters, be able to use capitals, space bar, commas, question and exclamation marks.</p> <p>To be able to add pictures to documents.</p> <p>To know that code is a set of instructions, algorithm is a group of coding steps to make something happen.</p> <p>To be able to create</p>	<p>Creating graphs and databases.</p> <p>Be able to change size, colour and font of text.</p>	<p>English</p> <p>PSHRE</p>
Year 3	<p>To be able to type larger amounts with greater accuracy and speed.</p> <p>To be able to recognise that searching for Internet sites needs to be specific and not all sites are reliable.</p> <p>To understand that Online not everyone is who they say they are and what to do in those situations.</p> <p>To be able to create simple graphs.</p> <p>To use code to make specific things happen – appear/disappear.</p>	<p>To know people involved in the development of computer science etc.</p> <p>To use sensors to create data.</p>	<p>Science</p> <p>English</p> <p>Foundation subjects could provide topic for text creation.</p> <p>PSHRE</p>
Year 4	<p>To be able to create a multimedia presentation using images, video and audio clips.</p> <p>To be able to understand idea of screen time and why important, Online safety – who can you report to, safe use of mobile phones –eg look when crossing the road! Mental health aspects of FOMO.</p>	<p>To create images/films using green screen technology and understand how that helps in film world.</p>	<p>English</p> <p>Foundation subjects</p> <p>PSHRE</p>

	<p>To be able to create a game using code.</p> <p>To be able to describe and create animations.</p> <p>To know some of the names behind computer science.</p>		
Year 5	<p>To be able to think about their well-being and how social media can affect it.</p> <p>To be able to use a spreadsheet and create a very simple one.</p> <p>To create a short film.</p> <p>To use sensors to create and record data.</p> <p>Create a game using code with conditionals and variables.</p>	<p>To be able to create blogs/vlogs</p> <p>Use spreadsheets to answer questions or create data.</p>	<p>PSHRE</p> <p>Maths</p> <p>Foundation subjects</p>
Year 6	<p>To be able to create a multimedia presentation- with hyperlinks outside their PowerPoint –links to websites etc.</p> <p>To be able to name some specific people and jobs linked to computing.</p> <p>To understand what grooming and sexting means and how to protect themselves from this.</p>	<p>To be able to use green screen technology to make a short video.</p>	<p>PSHRE</p> <p>English</p> <p>Foundation subjects</p>