## Computing Framework - Milestone 3

Intent		
<ul> <li>The ability to connect vehical integrity are vital</li> <li>An understanding of th</li> <li>The ability to communi</li> <li>The ability to collect, or</li> </ul>	vith others safely life skills which ru e connected natu cate ideas well by rganise and mani ge of applications	y using applications and devices throughout the curriculum. pulate data effectively. , operating systems and devices to help become proficient, safe, responsible and creative
Threshold Concepts	Skills	
<b>Code</b> This concept involves developing an understanding of instructions, logic and sequences.	Motion	• To set IF conditions for movements. Specify types of rotation giving the number of degrees.
	Looks	• To change the position of objects between screen layers (send to back, bring to front).
	Sound	• To upload sounds from a file and edit them. Add effects such as fade in and out and control their implementation.
	Draw	To use a wider variety of control tools for effect
	Events	• To set events to control other events by 'broadcasting' information as a trigger.
	Control	• To use IF THEN ELSE conditions to control events or objects

Control	• To use IF THEN ELSE conditions to control events or objects.
-	<ul> <li>To use a range of sensing tools (including proximity, user inputs, loudness and mouse position) to control events or actions.</li> </ul>
Variables and lists	<ul> <li>To use lists to create a set of variables.</li> </ul>

		<ul> <li>To ue the Boolean operators</li> <li>() &lt; ()</li> <li>()</li> <li>()&lt;</li></ul>
	Other experiences	<ul> <li>To use a range of coding and computing skills to make own content</li> </ul>
<b>Connect</b> This concept involves developing an understanding of how to		<ul> <li>To collaborate with others online on sites approved and moderated by teachers</li> <li>To understand how simple networks are set up and used</li> <li>To understand more of the dangers online, how to minimise risks and report problems</li> </ul>

safely connect with others.	<ul> <li>To understand about legal and illegal downloads</li> <li>To know what a positive digital footprint is and how to maintain one</li> <li>To know how to be a 'critical consumer' online</li> <li>To understand the effects of cyberbullying</li> <li>To know how to respect yourself and others online</li> </ul>
<b>Communicate</b> This concept involves using apps to communicate one's ideas.	<ul> <li>To be able to choose the most suitable application or device for the purpose of communication</li> <li>To use many advanced features in software in order to create high quality, professional or efficient communications</li> <li>To create presentations with range of links, images and sounds</li> <li>To manipulate images</li> <li>To design own webpage</li> <li>To undertake film making; including scripting, roles, rehearsal, evaluation, quality of shots, appropriateness of sound, saving to different media.</li> </ul>
<b>Collect</b> This concept involves developing an understanding of databases and their uses.	<ul> <li>To select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner including using spreadsheets (using formulae), databases and graphing tools</li> <li>To collect live data using data-logging equipment identifying data errors, patterns and sequences</li> </ul>