



SKILLS PROGRESSION

**Subject Area:
Computing**

	Year 1	Year 2
Computer Science (programming, algorithms)	<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 Bee-Bot.</p> <p>I can press the buttons in the correct order to make my Bee-Bot do what I want.</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 predict what will happen for a short sequence of instructions.</p> <p>Software: Bee-Bots and Espresso Coding</p>	<p>I can give instructions to my friend (using forward, backward and turn) and 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 program a software to do a particular task.</p> <p>I can look at my friend's programming and tell you what will happen.</p> <p>I can use a programming software to make objects move.</p> <p>I can watch my friend's programming and spot where it goes wrong so that I can debug it.</p> <p>Software: Espresso Coding</p>
Information Technology (The use of technology to produce a product)	<p>I can be creative with different technology tools.</p> <p>I can use technology to create and present my ideas.</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>Software: Busy Things (LGfL)</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 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>Software: Busy Things (LGfL), Google Slides, J2Write/JIT5 Mix (LGfL)</p>

Data Handling

I can talk about the different ways in which information can be shown.

I can use technology to collect information, including photos, video and sound.

I can sort different kinds of information and present it to others.

I can add information to a pictograph and talk to you about what I have found out.

Software: J2Data Pictogram (LGfL)

I can talk about the different ways I use technology to collect information, including a camera or sound recorder.

I can make and save a chart or graph using the data I collect.

I can talk about the data that is shown in my chart or graph.

I can tell you what kind of information I could use to help me investigate a question.

Software: J2Data Chart (LGfL)