



### Computing Coverage Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p><b>Year R</b></p> <p>(see progression of skills document for key vocabulary)</p>	<p style="text-align: center;"><u>IT</u></p> <p style="text-align: center;">iPad – camera/note pad</p> <ul style="list-style-type: none"> <li>I can locate the 'home' button on an iPad to turn it on.</li> <li>I can make choices on-screen about buttons and icons to select</li> <li>I can take a photo on digital camera</li> <li>I can use letters on a keyboard to type my name</li> </ul>	<p style="text-align: center;"><u>Computer Science</u></p> <p style="text-align: center;">Unplugged coding/BeeBots</p> <ul style="list-style-type: none"> <li>I can orally give clear and precise instructions</li> <li>I can follow simple instructions in order</li> <li>I can create a short sequence of instructions</li> <li>I can begin to understand that an algorithm is a set of instructions to complete a task</li> <li>I can make a programmable toy move</li> </ul>	<p style="text-align: center;"><u>Digital Literacy</u></p> <ul style="list-style-type: none"> <li>I know the difference between objects that use technology and those that do not</li> <li>I can talk about the technology that I use in school and at home</li> <li>I can use technology safely</li> </ul>	<p style="text-align: center;"><u>IT</u></p> <p style="text-align: center;">Purple Mash</p> <ul style="list-style-type: none"> <li>I can log in to Purple Mash using my own username and password</li> <li>I can use digital equipment to play and learn</li> <li>I can use simple software and tools to make something planned happen</li> </ul>	<p style="text-align: center;"><u>Digital Literacy</u></p> <ul style="list-style-type: none"> <li>I know who to speak to, whether at home or at school, if I have concerns or am worried by something that I have seen on a computer</li> <li>I know that information about me such as my name, age and address should only be shared with people that I know and trusted strangers, such as policemen</li> </ul>	<p style="text-align: center;"><u>Computer Science</u></p> <p style="text-align: center;">Unplugged coding/BeeBots</p> <ul style="list-style-type: none"> <li>I can orally give clear and precise instructions</li> <li>I can follow simple instructions in order</li> <li>I can create a short sequence of instructions</li> <li>I can begin to understand that an algorithm is a set of instructions to complete a task I can make a programmable toy move</li> </ul>

<p style="text-align: center;"><b>Year 1</b>  (see progression of skills document for key vocabulary)</p>	<p style="text-align: center;"><b><u>Computer Science</u></b> <b><u>(7 sessions)</u></b></p> <p style="text-align: center;"><b>Bee-Bots</b></p> <p style="text-align: center;"><b>Unplugged -</b> <b>3 sessions</b></p> <p style="text-align: center;"><b>Bee-Bot tinkering - 1 short session</b></p> <p style="text-align: center;"><b>Using Bee-Bots - 3 sessions</b></p> <ul style="list-style-type: none"> <li>• I can produce an algorithm that others can usually follow</li> <li>• I can read a set of algorithms and usually predict the correct outcome</li> <li>• I can debug code to create a different outcome</li> <li>• I understand that an algorithm is a set of clear and</li> </ul>	<p style="text-align: center;"><b><u>IT</u></b> <b><u>(6 sessions)</u></b></p> <p style="text-align: center;"><b>Basic computer skills - 2 sessions</b> <i>(merge lessons 1 + 2, and 3 +4)</i></p> <p style="text-align: center;"><b>Basic online safety and getting to know Purple Mash - 4 sessions</b></p> <ul style="list-style-type: none"> <li>• I can switch on and shutdown a computer independently.</li> <li>• I can log on a computer/application safely using my own username and password</li> <li>• I can use a mouse to point, click and drag objects around a screen</li> <li>• I can use the mouse to select icons and items</li> <li>• I can save work, naming a file appropriately</li> </ul>	<p style="text-align: center;"><b><u>Digital Literacy</u></b> <b><u>(4 sessions)</u></b></p> <p style="text-align: center;"><b>Online Safety</b></p> <ul style="list-style-type: none"> <li>• I understand the importance of keeping private information, such as my usernames and passwords, private and actively demonstrate this in lessons</li> <li>• I can search and download images from the internet safely</li> <li>• I know what to do if I come across something online that worries me or makes me feel uncomfortable</li> </ul>	<p style="text-align: center;"><b><u>Digital Literacy</u></b> <b><u>(2 sessions)</u></b></p> <p style="text-align: center;"><b>Technology Outside School</b></p> <ul style="list-style-type: none"> <li>• I can recognise common uses of information technology beyond school</li> </ul>	<p style="text-align: center;"><b><u>Computer Science</u></b> <b><u>(6 sessions)</u></b></p> <p style="text-align: center;"><b>Scratch Jr</b></p> <ul style="list-style-type: none"> <li>• I can produce a set of algorithms that others can usually follow</li> <li>• I can read a set of algorithms and usually predict the correct outcome</li> <li>• I can debug algorithms to create a different outcome</li> <li>• I understand that an algorithm is a set of clear and precise instructions to complete a task</li> </ul>	<p style="text-align: center;"><b><u>IT</u></b> <b><u>(6 sessions)</u></b></p> <p style="text-align: center;"><b>Typing - 1 session</b></p> <p style="text-align: center;"><b>Purple Mash - Animated story books - 5 sessions</b></p> <ul style="list-style-type: none"> <li>• I can begin to type simple sentences using a keyboard</li> <li>• I can use the space bar, caps lock/shift key, back space/delete and full stop keys appropriately</li> <li>• I can use the mouse to drag, click and resize images to create different effects</li> <li>• I can print work</li> <li>• I can save work, naming a file appropriately</li> <li>• I can begin to use a variety of software tools</li> </ul>
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	precise instructions to complete a task	<ul style="list-style-type: none"> <li>I can begin to use a variety of software tools</li> <li>I understand the importance of keeping private information, such as my usernames and passwords private, and actively demonstrate this in lessons</li> </ul> <p>I can begin to type simple sentences using a keyboard</p>				
<ul style="list-style-type: none"> <li>Digital literacy to be referred to throughout the year as well as the direct teaching in Spring 1.</li> <li>See <a href="http://ProjectEvolve.co.uk">ProjectEvolve.co.uk</a> for more digital literacy activities.</li> </ul>						
Year 2  (see progression of skills document)	<b><u>IT</u></b>  <b><u>(6 sessions)</u></b>  Word Processing and saving in own file on our school network	<b><u>Computer Science</u></b>  <b><u>(6 sessions)</u></b>  Use Scratch Jr to design own programs	<b><u>Digital Literacy</u></b>  <b><u>(6 sessions)</u></b>  Online Safety	<b><u>Digital Literacy</u></b>  <b><u>(Can be extended to cover 3/4 sessions)</u></b>  Purple Mash online safety 2.2  Lesson 2 Emails	<b><u>IT</u></b>  <b><u>(4 sessions but could extend to 5 or 6)</u></b>  Purple Mash 2.8 - Presenting ideas	<b><u>Computer Science</u></b>  <b><u>(6 sessions)</u></b>  Purple Mash Coding crash course to Year 2 - Design own program
	<ul style="list-style-type: none"> <li>I can type sentences using a keyboard</li> <li>I can reformat text</li> <li>I can begin to use short cuts on the keyboard e.g. hold down the shift key and number 3 to get a £ sign</li> </ul>	<ul style="list-style-type: none"> <li>I can produce a sequence of precise algorithms that result in planned outcomes</li> <li>I can program a short sequence of commands that result in a planned effect</li> <li>I can design simple programs</li> </ul>	<ul style="list-style-type: none"> <li>I can confidently talk about the importance of being sensitive to others online.</li> <li>I know where to go for help and support when I have concerns about content or contact on the internet or other online technologies</li> </ul>	<ul style="list-style-type: none"> <li>I can write and send a simple email</li> <li>I am beginning to understand how</li> </ul>	<ul style="list-style-type: none"> <li>I can type sentences using a keyboard</li> <li>I can reformat text</li> <li>I can begin to use short cuts on the keyboard e.g. hold down the shift key</li> </ul>	<ul style="list-style-type: none"> <li>I can produce a sequence of precise algorithms that result in planned outcomes</li> <li>I can program a short sequence of</li> </ul>

for key vocabulary)	<ul style="list-style-type: none"> <li>I can use a mouse to make selections and move objects</li> <li>I can save, print and open work</li> </ul>	<ul style="list-style-type: none"> <li>I know that an algorithm written for a computer is called a program</li> </ul> <p>I can test a simple program and debug appropriately</p>	<ul style="list-style-type: none"> <li>I can effectively retrieve relevant, purposeful digital content using a search engine</li> <li>I understand the implications of inappropriate online searches</li> <li>I am beginning to understand how things are shared electronically</li> </ul>	<p>things are shared electronically</p> <ul style="list-style-type: none"> <li>I can confidently talk about the importance of being sensitivity to others online, treating them with respect, and showing respect for their privacy</li> </ul>	<p>and number 3 to get a £ sign</p> <ul style="list-style-type: none"> <li>I can use a mouse to make selections and move objects</li> <li>I can save, print and open work</li> <li>I can begin to use a variety of software tools</li> </ul>	<p>commands that result in a planned effect</p> <ul style="list-style-type: none"> <li>I can design simple programs</li> <li>I know that an algorithm written for a computer (code) is called a program</li> <li>I can test a simple program and debug appropriately</li> </ul>
	<ul style="list-style-type: none"> <li>Digital literacy to be referred to throughout the year as well as the direct teaching in Spring 1 <ul style="list-style-type: none"> <li>See <a href="http://ProjectEvolve.co.uk">ProjectEvolve.co.uk</a> for more digital literacy activities.</li> </ul> </li> </ul>					