

# Burton Road Primary Long Term Progression Cycle 1

	EYFS		Year 1 / 2	Year 3 / 4	Year 5 / 6
Through out the year	<p style="text-align: center;">Physical development</p> <ul style="list-style-type: none"> <li>- I can explain how these technology examples help us</li> <li>- I can explain technology as something that helps us</li> <li>- I can locate examples of technology in the classroom</li> <li>- I can use a mouse to control to curser on the screen                             <ul style="list-style-type: none"> <li>- I can use a pen to write on an ipad</li> </ul> </li> </ul>	Unit 1	<p style="text-align: center;">Technology around us</p> <p style="text-align: center;">(Paper based and computers / laptops / ipads)</p>	<p style="text-align: center;">Connecting computers</p> <p style="text-align: center;">(Paper based)</p>	<p style="text-align: center;">Systems and searching</p> <p style="text-align: center;">(Paper based)</p>
	<p style="text-align: center;">Understanding the world</p> <ul style="list-style-type: none"> <li>- I can understand what a computer is used for                             <ul style="list-style-type: none"> <li>- I can control a bee bot</li> <li>- I can open an app on an ipad</li> <li>- I can move a remote control car</li> </ul> </li> </ul>	Unit 2	<p style="text-align: center;">Information technology around us</p> <p style="text-align: center;">(Paper based)</p>	<p style="text-align: center;">Branching databases</p> <p style="text-align: center;">(Computers / laptops)</p>	<p style="text-align: center;">Webpage creation</p> <p style="text-align: center;">(Computers / laptops)</p>
	<p style="text-align: center;">Personal, social and emotional development</p> <ul style="list-style-type: none"> <li>- I can change my control if the bee bot does not go in the direction I want</li> <li>- I can discuss why it is important not to spend too much time on the screen.</li> <li>- I can explain why computers and other equipment should be used carefully and safely.</li> </ul>	Unit 3	<p style="text-align: center;">Digital painting</p> <p style="text-align: center;">(Computers / laptops)</p>	<p style="text-align: center;">Stop frame animation</p> <p style="text-align: center;">(Ipads)</p>	<p style="text-align: center;">Selection in physical computing</p> <p style="text-align: center;">(Computers / laptops / chromebooks)</p>
	<p style="text-align: center;">Expressive arts and design</p> <ul style="list-style-type: none"> <li>- I can explain how colours and patterns affect moods</li> <li>- I can use a 'Paint' programme to mimic painting in real life.</li> </ul>	Unit 4	<p style="text-align: center;">Digital writing</p> <p style="text-align: center;">(Computers / laptops)</p>	<p style="text-align: center;">Repetition in shapes</p> <p style="text-align: center;">(Computers / laptops)</p>	<p style="text-align: center;">Selection in quizzes</p> <p style="text-align: center;">(Computers / laptops / chromebooks)</p>
		Unit 5	<p style="text-align: center;">Programming animations</p> <p style="text-align: center;">(Ipads)</p>		
		Unit 6	<p style="text-align: center;">Programming quizzes</p> <p style="text-align: center;">(Ipads - Scratch)</p>		

## Burton Road Primary Long Term Progression Cycle 2

	EYFS		Year 1 / 2	Year 3 / 4	Year 5 / 6
Through out the year	<p style="text-align: center;">Physical development</p> <ul style="list-style-type: none"> <li>- I can explain how these technology examples help us</li> <li>- I can explain technology as something that helps us</li> <li>- I can locate examples of technology in the classroom</li> <li>- I can use a mouse to control to curser on the screen</li> <li style="padding-left: 20px;">- I can use a pen to write on an ipad</li> </ul>	Unit 1	<p>Technology around us</p> <p style="text-align: center;">(Paper based)</p>	<p>The Internet</p> <p style="text-align: center;">(Paper based)</p>	<p>Internet communication and collaboration</p> <p style="text-align: center;">(Paper based)</p>
	<p style="text-align: center;">Understanding the world</p> <ul style="list-style-type: none"> <li>- I can understand what a computer is used for</li> <li style="padding-left: 20px;">- I can control a bee bot</li> <li>- I can open an app on an ipad</li> <li>- I can move a remote control car</li> </ul>	Unit 2	<p>Information technology around us</p> <p style="text-align: center;">(Paper based)</p>	<p>Desktop publishing</p> <p style="text-align: center;">(Computers / laptops)</p>	<p>Introduction to spreadsheets</p> <p style="text-align: center;">(Computers / laptops)</p>
	<p style="text-align: center;">Personal, social and emotional development</p> <ul style="list-style-type: none"> <li>- I can change my control if the bee bot does not go in the direction I want</li> <li>- I can discuss why it is important not to spend too much time on the screen.</li> <li>- I can explain why computers and other equipment should be used carefully and safely.</li> </ul>	Unit 3	<p>Digital painting</p> <p style="text-align: center;">(Computers / laptops)</p>	<p>Events and actions in programs</p> <p style="text-align: center;">(Computers / laptops / chromebooks - Scratch)</p>	<p>Variables in games</p> <p style="text-align: center;">(Computers / laptops / chromebooks - Scratch)</p>
	<p style="text-align: center;">Expressive arts and design</p> <ul style="list-style-type: none"> <li>- I can explain how colours and patterns affect moods</li> <li>- I can use a 'Paint' programme to mimic painting in real life.</li> </ul>	Unit 4	<p>Digital writing</p> <p style="text-align: center;">(Computers / laptops)</p>	<p>Repetition in games</p> <p style="text-align: center;">(Computers / laptops / chromebooks - Scratch)</p>	<p>Sensing movement</p> <p style="text-align: center;">(Computers / laptops / chromebooks - micro:bit)</p>
			Unit 5	<p>Robot algorithms</p> <p style="text-align: center;">(Floor robots)</p>	
		Unit 6	<p>Programming quizzes</p> <p style="text-align: center;">(Ipads - Scratch)</p>		

