

Computer Science KS3 Assessment Framework

	Beginning Grade 1	Working Towards Grade 2-3	Expected Grade 4-5	Exceeding Grade 6-7	Excelling Grade 8-9
Python	<p>I can:</p> <p>Open a programming application</p> <p>Write lines of code</p> <p>Run a program</p>	<p>I can:</p> <p>Write sequences of code using variables and inputs and calculations.</p> <p>Successfully save a file with the right file extension</p> <p>Run a program successfully from given code</p> <p>Identify the purpose of lines of code and how the sequencing works</p>	<p>I can:</p> <p>Use basic programming concepts successfully and understand how they work, these may include:</p> <p style="text-align: center;">Selection(IF)</p> <p style="text-align: center;">Loops (for and while)</p> <p style="text-align: center;">Lists</p> <p>find errors in my code and change the lines of code so that the program successfully outputs</p>	<p>I can:</p> <p>Alter the logic of selection statements using boolean expressions (AND, OR, NOT) so that they are more efficient</p> <p>Loop through a list to perform calculations that are stored</p> <p>Create while loops that only work when conditions are met. I can change these conditions to make the loop work for different inputs</p> <p>I can thoroughly test my code</p>	<p>I can:</p> <p>Problem solve using the programming concepts that I have been given</p> <p>I can write clear well documented code that others could follow</p> <p>Test and design new code to make the existing code more efficient</p> <p>Research and use other programming concepts that are not in the unit</p>