



Attainment Band:	Python Assessment	
	Knowledge and Understanding	Skills
<b>Yellow Plus</b>	<ul style="list-style-type: none"> <li>Understands how to use iteration in Python</li> <li>Able to understand errors and debug code</li> <li>The programs work correctly (Assessment extension)</li> </ul>	<ul style="list-style-type: none"> <li>Show independent skills and can include a while loop in a program</li> <li>Can debug programs and make them work correctly</li> <li>Create a testing table to record tests to ensure program works (Assessment extension)</li> </ul>
<b>Yellow</b>	<ul style="list-style-type: none"> <li>Understands the term Iteration</li> <li>Understands the need to test programs using different inputs</li> <li>Understands how variables change throughout the program</li> <li>Understands the difference between a compiler and a translator</li> </ul>	<ul style="list-style-type: none"> <li>Can create a program using iteration with some help</li> <li>Tests the possible inputs to ensure all sections of code work</li> <li>Can explain how the variables work in a program</li> <li>Identifies which translator Python uses and is able to explain why</li> </ul>
<b>Blue</b>	<ul style="list-style-type: none"> <li>Understands how IF statements are used in a program</li> <li>Understand how variables are used in a program</li> <li>Understands the importance of indents in code</li> <li>Understands why you need a translator</li> </ul>	<ul style="list-style-type: none"> <li>Can create a program using IF ELIF and ELSE statements</li> <li>Can create a programme using variables</li> <li>Can use indents in programs correctly</li> </ul>
<b>Green</b>	<ul style="list-style-type: none"> <li>Understands how 3 different data types work</li> <li>Understands the term sequence</li> <li>Can create a simple program with some assistance</li> </ul>	<ul style="list-style-type: none"> <li>Can create a program using different data types (String, Integer, Float, Boolean)</li> </ul>
<b>White</b>	<ul style="list-style-type: none"> <li>Understands the term 'Programming Language'</li> <li>Understands the term algorithm</li> </ul>	<ul style="list-style-type: none"> <li>Can create a simple program using Python</li> <li>Can copy code accurately and make a program run</li> <li>Can run a program independently to ensure it works</li> </ul>