



<b>Subject</b>	Computing
<b>Year Group</b>	Year 1
<b>Knowledge</b> <b>Essential facts (Directly correlating to NC document)</b> <b>Key vocabulary / technical terms</b>	
<p><b><u>Children will know:</u></b></p> <p><b><u>Algorithms and programs</u></b></p> <ul style="list-style-type: none"> <li>• The meaning of the words left, right, forward and backwards.</li> <li>• Learn to follow instructions in a specific sequence.</li> <li>• How to make a floor turtle (Physical) move using directional keys.</li> <li>• Learn how to make a turtle (Physical) move to follow a path or to create a shape by creating a sequence of instructions (directions)</li> </ul> <p><b><u>Data Retrieving and Organising</u></b></p> <ul style="list-style-type: none"> <li>• Learn why we collect data.</li> <li>• How we can collect data using a simple chart, and discuss findings.</li> <li>• Learn how to enter data into a programme to create a pictogram (present findings).</li> <li>• Use the pictogram to answer questions E.g. which one was the favourite? Which was one the least favourite?</li> </ul> <p><b><u>Using Technology</u></b></p> <ul style="list-style-type: none"> <li>• Learn that there is a wide range of technology beyond computers and tablets (control technology).</li> <li>• Begin to name technology (E.g. washing machines, light, switches, zebra crossings, til)</li> <li>• Use different pieces of technology and talk about its uses.</li> <li>• Learn how to sign in using a username and password (using a Keyboard)</li> </ul> <p><b><u>E-safety</u></b>  Learn the meaning of inappropriate.  Learn what to do when something inappropriate appears /happens, who to go to.  Learn the schools E-Safety rules.</p>	