



## BEING A COMPUTER USER AT SABDEN PRIMARY SCHOOL



A Reception Computer User	A Year 1 Computer User	A Year 2 Computer User	Year 3 Computer User	Year 4 Computer User	Year 5 Computer User	Year 6 Computer User
<p><b><u>Algorithms and programming</u></b></p> <ul style="list-style-type: none"> <li>• I recognise that a range of technology is used in places such as homes and schools.</li> <li>• I find out about and use a range of technology.</li> </ul> <p><b><u>Information technology</u></b></p> <ul style="list-style-type: none"> <li>• I find out about and use a range of technology.</li> <li>• I select and use technology for particular purposes.</li> </ul> <p><b><u>Digital Literacy</u></b></p> <ul style="list-style-type: none"> <li>• I ask for support when I am unsure what to do.</li> </ul>	<p><b><u>Algorithms and programming</u></b></p> <ul style="list-style-type: none"> <li>• I create a series of instructions.</li> <li>• I plan a journey for a programmable toy.</li> </ul> <p><b><u>Information technology</u></b></p> <ul style="list-style-type: none"> <li>• I create digital content.</li> <li>• I store digital content.</li> <li>• I retrieve digital content.</li> <li>• I use a website.</li> <li>• I use a camera.</li> <li>• I record sound and play back.</li> </ul> <p><b><u>Digital literacy</u></b></p> <ul style="list-style-type: none"> <li>• I use technology safely.</li> <li>• I keep personal information private.</li> </ul>	<p><b><u>Algorithms and programming</u></b></p> <ul style="list-style-type: none"> <li>• I use a range of instructions (e.g. direction, angles, turns).</li> <li>• I test and amend a set of instructions.</li> <li>• I find errors and amend. (debug)</li> <li>• I write a simple program and test it.</li> <li>• I predict what the outcome of a simple program will be (logical reasoning).</li> <li>• I understand that algorithms are used on digital devices.</li> <li>• I understand that programs require precise instructions.</li> </ul> <p><b><u>Information technology</u></b></p> <ul style="list-style-type: none"> <li>• I organise digital content.</li> <li>• I retrieve and manipulate digital content.</li> <li>• I can navigate the web to complete simple searches.</li> </ul> <p><b><u>Digital literacy</u></b></p> <ul style="list-style-type: none"> <li>• I technology respectfully.</li> <li>• I know where to go for help if I am concerned.</li> <li>• I know how technology is used in school and outside of school.</li> </ul>	<p><b><u>Algorithms and programming</u></b></p> <ul style="list-style-type: none"> <li>• I design a sequence of instructions, including directional instructions.</li> <li>• I write programs that accomplish specific goals.</li> <li>• I work with various forms of input.</li> <li>• I work with various forms of output.</li> </ul> <p><b><u>Information technology</u></b></p> <ul style="list-style-type: none"> <li>• I use a range of software for similar purposes.</li> <li>• I collect information.</li> <li>• I design and create content.</li> <li>• I present information.</li> <li>• I search for information on the web in different ways.</li> <li>• I manipulate and improve digital images.</li> </ul> <p><b><u>Digital literacy</u></b></p> <ul style="list-style-type: none"> <li>• I use technology respectfully and responsibly.</li> <li>• I know different ways I can get help if I am concerned.</li> <li>• I understand what computer networks do and how they provide multiple services.</li> <li>• I discern where it is best to use technology and where it adds little or no value.</li> </ul>	<p><b><u>Algorithms and programming</u></b></p> <ul style="list-style-type: none"> <li>• I experiment with variables to control models.</li> <li>• I give an on-screen robot specific instructions that takes them from A to B.</li> <li>• I make an accurate prediction and explain why I believe something will happen (linked to programming).</li> <li>• I de-bug a program.</li> </ul> <p><b><u>Information technology</u></b></p> <ul style="list-style-type: none"> <li>• I select and use software to accomplish given goals.</li> <li>• I collect and present data.</li> <li>• I produce and upload a podcast.</li> </ul> <p><b><u>Digital literacy</u></b></p> <ul style="list-style-type: none"> <li>• I recognise acceptable and unacceptable behaviour using technology.</li> </ul>	<p><b><u>Algorithms and programming</u></b></p> <ul style="list-style-type: none"> <li>• I combine sequences of instructions and procedures to turn devices on and off.</li> <li>• I use technology to control an external device.</li> <li>• I design algorithms that use repetition &amp; 2-way selection.</li> </ul> <p><b><u>Information technology</u></b></p> <ul style="list-style-type: none"> <li>• I analyse information.</li> <li>• I evaluate information.</li> <li>• I understand how search results are selected and ranked.</li> <li>• I edit a film.</li> </ul> <p><b><u>Digital literacy</u></b></p> <ul style="list-style-type: none"> <li>• I understand that you have to make choices when using technology and that not everything is true and/or safe.</li> </ul>	<p><b><u>Algorithms and programming</u></b></p> <ul style="list-style-type: none"> <li>• I design a solution by breaking a problem up.</li> <li>• I recognise that different solutions can exist for the same problem.</li> <li>• I use logical reasoning to detect errors in algorithms.</li> <li>• I use selection in programs.</li> <li>• I work with variables.</li> <li>• I explain how an algorithm works.</li> <li>• I explore 'what if' questions by planning different scenarios for controlled devices.</li> </ul> <p><b><u>Information technology</u></b></p> <ul style="list-style-type: none"> <li>• I select, use and combine software on a range of digital devices.</li> <li>• I use a range of technology for a specific project.</li> </ul> <p><b><u>Digital literacy</u></b></p> <ul style="list-style-type: none"> <li>• I discuss the risks of online use of technology.</li> <li>• I identify how to minimise risks.</li> </ul>

