



**Computing end of year expectations – Year 6 – All, Most and Some**

<p>A) Computer Science</p>	<p><b>Coding, Online Safety, Blogging, Networks, Binary</b></p> <p>ALL: 1. I can turn a complex programming task into an algorithm.</p> <p>ALL: 2. I can identify the important aspects of a programming task (abstraction).</p> <p>ALL: 3. I can decompose important aspects of a programming task in a logical way, identifying appropriate coding structures that would work.</p> <p>ALL: 4. I can test and debug my program as I work on it and use logical methods to identify a cause of a bug.</p> <p>ALL: 5. I can identify a specific line of code that is causing a problem in my program and attempt a fix.</p> <p>ALL: 6. I can translate algorithms that include sequence, selection and repetition into code and nest these structures within each other.</p> <p>ALL: 7. I can use inputs and outputs within my coded programs such as sound, movement and buttons and represent the state of an object</p> <p>ALL: 8. I can interpret (understand) a program in parts and can make logical attempts to put the separate parts together in an algorithm to explain the program as a whole.</p> <p>ALL: 9. I can explain the difference between the internet and the World Wide Web.</p> <p>ALL: 10. I can explain what a WAN and LAN is and describe the process of how access to the internet in school is possible.</p>
<p>B) Information Technology</p>	<p><b>Coding, Online safety, Spreadsheets, Blogging, Text Adventures, Quizzing</b></p> <p>ALL: 1. I can use filters when searching for digital content.</p> <p><b>MOST: 1. I can explain which filters would be the most appropriate and why.</b></p> <p>ALL: 2. I can explain in detail how accurate and reliable a webpage and its content is.</p> <p>ALL: 3. I can compare a range of digital content sources and rate them in terms of content quality and accuracy.</p> <p>ALL: 4. I can consider the intended audience carefully when I design and make digital content.</p> <p>ALL: 5. I can design and create my own online blogs.</p> <p>ALL: 6. I can use criteria to evaluate the quality of my own and others digital solutions, suggesting refinements</p>
<p>C) Digital Literacy</p>	<p><b>Online safety, Blogging</b></p> <p>ALL: 1. I can demonstrate safe and respectful use of a range of different technologies and online services.</p> <p>ALL: 2. I can identify more discrete inappropriate behaviours online. For example, someone who may be trying to groom me or someone else.</p> <p>ALL: 3. I can use critical thinking to help me stay safe online.</p> <p>ALL: 4. I know the value of protecting my privacy and others online</p>