



**Computing end of year expectations – Year 5 – All, Most and Some**

<p>A) Computer Science</p>	<p><b>Coding, Online Safety, Game Creator</b></p> <p>ALL: 1. I can make more complex real-life problems into algorithms for a program.</p> <p>ALL: 2. I can test and debug my programs as I work.</p> <p>ALL: 3. I can convert (translate) algorithms that contain sequence, selection and repetition into code that works.</p> <p>ALL: 4. I can use sequence, selection, repetition, and some other coding structures in my code.</p> <p>ALL: 5. I can organise my code carefully for example, naming variables and using tabs. I know this will help me debug more efficiently.</p> <p>ALL: 6. I can use logical methods to identify the cause of any bug with support to identify the specific line of code.</p> <p>ALL: 7. I know the importance of computer networks and how they help solve problems and enhance communication.</p> <p>ALL: 8. I recognise the main dangers that can be perpetuated via computer networks.</p> <p>ALL: 9. I can explain what personal information is and know strategies for keeping this safe.</p> <p>ALL: 10. I can use the most appropriate form of online communication according to the digital content. For example, use 2Email, 2Blog and Display Boards</p>
<p>B) Information Technology</p>	<p><b>Coding, Online Safety, Spreadsheets, Databases, Game Creator, Modelling, Concept maps, Word Processing</b></p> <p>ALL: 1. I can search precisely when using a search engine. For example, I know I can add additional words or removes words to help find better results.</p> <p>ALL: 2. I can explain in detail how accurate, safe and reliable the content is on a webpage.</p> <p>ALL: 3. I can make appropriate improvements to digital work I have created.</p> <p>ALL: 4. I can comment on how successful a digital solution is that I have created. For example, a program built in 2Code that sorts decimals numbers.</p> <p>ALL: 5. I can work collaboratively with others creating solutions to problems using appropriate software such as 2Code.</p> <p>ALL: 6. I can use collaborative modes such as within 2Connect to work with others and share it</p>
<p>C) Digital Literacy</p>	<p><b>Online Safety</b></p> <p>ALL: 1. I have a secure knowledge of online safety rules taught at school.</p> <p><b>MOST: 1. I can explain the importance of online safety rules.</b></p> <p>ALL: 2. I can demonstrate the safe and respectful use of different online technologies and online services.</p> <p>ALL: 3. I always relate appropriate online behaviour to my right to have personal privacy.</p> <p>ALL: 4. I know how to not let my mental wellbeing or others be affected by use of online technologies and services</p>