



Computing end of year expectations – Year 3 – All, Most and Some

<p>A) Computer Science</p>	<p>Coding, Email ALL: 1. I can make a real-life situation into an algorithm for a program. ALL: 2. I can design an algorithm carefully, thinking about what I want it to do and how I can turn it into code. ALL: 3. I can identify an error in my program and fix it. MOST: 3. I can explain why the error has occurred. ALL: 4. I can experiment with timers in my programs. MOST: 4. I can use timers to support in effective program creating. ALL: 5. I can identify the difference in using between the effect of a timer or repeat command in my code. ALL: 6. I know that a variable stores information while a program is running (executing). ALL: 7. I can identify 'If' statements, repetition and variables. ALL: 8. I can read programs with several steps and predict what it will do. ALL: 9. I can identify different ways that the internet can be used for communication. MOST: 9. I can explain how different methods of communication are more appropriate for different tasks. ALL: 10. I can use email such as 2Email to respond to others appropriately and attach files.</p>
<p>B) Information Technology</p>	<p>Spreadsheets, Typing, Email, Branching Data, Simulations, Graphing, Presenting ALL: 1. I can carry out searches to find digital content on a range of online systems, such as within Purple Mash or on an internet search engine. ALL: 2. I can collect data and input it into software. ALL: 3. I can analyse data using features within software to help such as, formula in 2Calculate (spreadsheets). ALL: 4. I can present data and information using different software such as 2Question (branching database) or 2Graph (graphing tool). ALL: 5. I can consider what the most appropriate software to use when given a task by my teacher. ALL: 6. I can create purposeful (appropriate) content and attach this to emails.</p>
<p>C) Digital Literacy</p>	<p>Online Safety, email ALL: 1. I can create a secure password. MOST: 1. I can explain what makes a password more secure. ALL: 2. I can explain the importance of having a secure password and not sharing it with others. ALL: 3. I can explain the negative consequences of not keeping passwords safe and secure. ALL: 4. I understand the importance of keeping safe online and behaving respectfully. MOST: 4. I can explain the possible consequences of not keeping safe online and behaving respectfully. ALL: 5. I can use communication tools such as 2Email respectfully and use good etiquette. ALL: 6. I can report unacceptable content and contact online in more than one way to a trusted adult.</p>