

Primary Computing: End of unit expectations (Year 5)

	Digital Literacy Online Safety Throughout the year	Computer Science Programming Autumn and summer	Information Technology Handling Data Spring	Information Technology Multimedia Spring	Digital Literacy Technology in our Lives Summer
Year 5	<ul style="list-style-type: none"> • I protect my password and other personal information. • I can explain why I need to protect myself and my friends and the best ways to do this, including reporting concerns to an adult. • I know that anything I post online can be seen, used and may affect others. • I can explain the importance of communicating kindly and respectfully. • I can identify spam emails and know what to do if I receive one. • I can explain why I need to protect my computer or device from harm. • I know which resources on the Internet I can download and use. • I understand the laws and I can identify victims of cybercrime. 	<ul style="list-style-type: none"> • I can decompose a problem into smaller parts to design an algorithm for a specific outcome and use this to write a program. • I can refine a procedure using repeat commands to improve a program. • I can use a variable to increase programming possibilities. • I can change an input to a program to achieve a different output. • I can use 'if' and 'then' commands to select an action. • I can use logical reasoning to detect and debug mistakes in a program. • I use logical thinking, imagination and creativity to extend a program. • I can program a physical device. • I can use variables when programming a physical device. 	<ul style="list-style-type: none"> • I can explain how information can be recorded • I can explain what a field and a record is in a database • I can navigate a flat-file database to compare different views of information • I can choose which field to sort data by to answer a given question • I can explain that data can be grouped using chosen values • I can group information using a database • I can combine grouping and sorting to answer specific questions • I can select an appropriate chart to visually compare data • I can refine a chart by selecting a particular filter • I can ask questions that will need more than one field to answer • I can refine a search in a real-world context 	<ul style="list-style-type: none"> • I can use text, photo, sound and video editing tools to refine my work. • I can edit images to create a desired look. • I can use the skills I have already developed to create content using unfamiliar technology. • I can select, use and combine the appropriate technology tools to create effects that will have an impact on others. • I can create a hyperlink to a resource on the World Wide Web. • I can review and improve my own work and support others to improve their work. 	<ul style="list-style-type: none"> • I can identify the features of a blog. • I can plan a blog • I can write a blog. • I think about the presentation and how this impacts on the audience. • I can comment respectfully on other blogs.

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