



Primary Computing: End of year expectations (Year 5)

	e-Safety	Programming	Handling Data	Multimedia	Technology in our Lives
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 talk about the dangers of spending too long online or playing a game.• I can explain the importance of communicating kindly and respectfully.• I can discuss the importance of choosing an age-appropriate website or game.• 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.	<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 talk about how a computer model can provide information about a physical system.• I can use logical reasoning to detect and debug mistakes in a program.• I use logical thinking, imagination and creativity to extend a program.	<ul style="list-style-type: none">• I can use a spreadsheet and database to collect and record data.• I can choose an appropriate tool to help me collect data..• I can present data in an appropriate way.• I can search a database using different operators to refine my search.• I can talk about mistakes in data and suggest how it could be checked.	<ul style="list-style-type: none">• I can use text, photo, sound and video editing tools to refine my work.• 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 select an appropriate online or offline tool to create and share ideas.• I can review and improve my own work and support others to improve their work.	<ul style="list-style-type: none">• I can describe different parts of the Internet.• I can use different online communication tools for different purposes.• I can use a search engine to find appropriate information and check its reliability.• I can recognise and evaluate different types of information I find on the World Wide Web.• I can describe the different parts of a webpage.• I can find out who the information on a webpage belongs to.