

# Computing

## Year 5: End of year expectations

	e-Safety	Programming	Handling Data	Multimedia	Technology in our Lives
Year 5	<ul style="list-style-type: none"> <li>• I can choose a secure password and appropriate screen name.</li> <li>• I protect my password and other personal information.</li> <li>• 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.</li> <li>• I know that anything I post online can be seen, used and may affect others.</li> <li>• I can talk about the dangers of spending too long online or playing a game.</li> <li>• I can explain the importance of communicating kindly and respectfully.</li> <li>• I can discuss the importance of choosing an age-appropriate website, app or game.</li> <li>• I can explain why I need to protect my computer or device from harm.</li> </ul>	<ul style="list-style-type: none"> <li>• I can decompose a problem into smaller parts to design an algorithm for a specific outcome and use this to write a program.</li> <li>• I can refine a procedure using repeat commands to improve a program.</li> <li>• I can use a variable to increase programming possibilities.</li> <li>• I can change an input to a program to achieve a different output.</li> <li>• I can use 'if' and 'then' commands to select an action.</li> <li>• I can talk about how a computer model can provide information about a physical system.</li> <li>• I can use logical reasoning to detect and debug mistakes in a program.</li> <li>• I use logical thinking, imagination and creativity to extend a program.</li> </ul>	<ul style="list-style-type: none"> <li>• I can use a spreadsheet and database to collect and record data.</li> <li>• I can choose an appropriate tool to help me collect data..</li> <li>• I can present data in an appropriate way.</li> <li>• I can search a database using different operators to refine my search.</li> <li>• I can talk about mistakes in data and suggest how it could be checked.</li> </ul>	<ul style="list-style-type: none"> <li>• I can use text, photo, sound and video editing tools to refine my work.</li> <li>• I can use the skills I have already developed to create content using unfamiliar technology.</li> <li>• I can select, use and combine the appropriate technology tools to create effects that will have an impact on others.</li> <li>• I can select an appropriate online or offline tool to create and share ideas.</li> <li>• I can review and improve my own work and support others to improve their work.</li> </ul>	<ul style="list-style-type: none"> <li>• I can describe different parts of the Internet.</li> <li>• I can use different online communication tools for different purposes.</li> <li>• I can use a search engine to find appropriate information and check its reliability.</li> <li>• I can recognise and evaluate different types of information I find on the World Wide Web.</li> <li>• I can describe the different parts of a webpage.</li> <li>• I can find out who the information on a webpage belongs to.</li> <li>• I know which resources on the Internet I can download and use.</li> <li>• I can describe the ways in which websites advertise their products to me.</li> </ul>

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