

Computing Medium Term Plans

Year 6



E-safety to be discussed weekly when technology is used throughout the year

Term	Units	Lesson Focus
Autumn 1	E-safety	<p>To know how to protect my password and other personal information.</p> <p>To explain the consequences of sharing too much about myself online.</p> <p>To support my friends to protect themselves and make good choices online, including reporting concerns to an adult.</p> <p>To be able to explain the consequences of spending too much time online or on a game.</p> <p>To know the consequences of not communicating kindly and respectfully.</p> <p>To know how to protect my computer or device from harm on the Internet.</p>
Autumn 2	Technology in our lives	<p>To be able to select an appropriate tool to communicate and collaborate online.</p> <p>To talk about the way search results are selected and ranked.</p> <p>To know that not all websites are reliable.</p>

		<p>To know what copyright means and how to use information online effectively.</p> <p>To know that websites can use my data to make money and target their advertising</p>
Spring 1	Programming	<p>To explain and program each of the steps in my algorithm.</p> <p>To evaluate algorithms while I continually test the programming of that algorithm.</p> <p>To recognise when I need to use a variable to achieve a required output.</p> <p>To be able to use a variable and operators to stop a program.</p> <p>To predict what may happen and why.</p> <p>To use logical reasoning to detect and correct errors in algorithms and programs.</p>
Spring 2	Handling Data	<p>To be able to select the most effective tool to collect data for my investigation.</p> <p>To check the data I collect for accuracy and plausibility.</p> <p>To interpret and evaluate the data I collect.</p> <p>To present the data I collect in an appropriate way.</p> <p>To use the skills I have developed to interrogate a database.</p>
Summer 1	Multimedia	<p>To discuss the audience, atmosphere and structure</p>

		<p>when planning a particular outcome.</p> <p>To combine a range of media, recognising the contribution of each to achieve a particular outcome. (Example; PowerPoints with images and graphs on.)</p> <p>To tell you why I select a particular online tool for a specific purpose.</p> <p>To be digitally discerning when evaluating the effectiveness of my own work and the work of others.</p>
Summer 2	Revise and consolidate our learning regarding the five main computing areas.	

