

Term	Learning objectives	Possible activities
Term 1	<p><b>E-Safety</b> - I can use appropriate usernames and passwords.</p> <p>I can talk about ways to keep myself safe online.</p> <p>I can use the safety features of a website to keep myself safe.</p> <p><b>Programming</b> - I can break down a problem into smaller parts.</p> <p>I can design my own algorithm to solve a complex problem using only specified commands.</p> <p>I can use the command 'repeat' effectively.</p> <p>I can change the input to a problem, to alter the output.</p> <p><b>Everyday Technology</b> -</p> <p>I can identify key words when searching on the internet.</p> <p>I can use a search engine to find results and speak about the reliability of information that I find on the internet.</p>	<p>Identify the features of a school website.</p> <p>Creating a jam sandwich by using code that you are given.</p> <p>Create an algorithm about making a sandwich.</p> <p>Purple Mash/ Hopscotch/ Scratch.</p> <p>"What could have been searched for the results we are getting on Google?"</p> <p>SMART crew videos.</p>
Term 2	<p><b>E-Safety</b> - I can explain why I need to keep myself and my friends safe online.</p>	<p>Link to <b>Safer Internet Day (SID)</b>. Generally in February.</p>

	<p>I can explain some of the dangers of spending too long on the iPad/computer/console.</p> <p><b>Multimedia</b> - I can create a basic stop motion animation.</p> <p>I can use I can use images, text, videos and sound to create a piece of work for a specific audience.</p> <p>I can choose an effective tool for a specified task.</p> <p>I can evaluate my own work and help my peers reflect on their work.</p> <p>I can modify existing documents to improve their effectiveness.</p> <p>I can create hyperlinks in my documents and explain the benefits of doing this.</p>	<p>Koma Koma/ iMotion video. - Stop motion animation.</p>
<p><b>Term 3</b></p>	<p><b>E-Safety</b> - I can explain why I need to keep my device secure.</p> <p>I understand why it is important to be respectful online.</p> <p><b>Handling Data</b> - I can use spreadsheets to collect information.</p> <p>I can use spreadsheets to predict the outcome of a scenario.</p> <p>I can explain why modelling would be a useful tool in business.</p> <p>I can check my data for outliers.</p>	<p>Excel/ Open office/ Sheets.</p> <p>Examples of modelling in business.</p> <p>Data from a Science investigation. Find outliers/ plot onto</p>

	<p><b>Everyday Technology -</b></p> <p>I can tell you about whether the resource I am using is on the internet or the device.</p> <p>I can explain the different ways in which websites can advertise their products to me.</p> <p>I know what copyright is and how to check the owner of information on a webpage.</p>	<p>graphs.</p> <p>Example adverts on demo web pages.</p> <p>Checking the copyright on images on set web pages.</p>
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