

## Year 5 Computing Planning

Creative Technology (Multimedia)	Programming	Digital Research	E-Safety	Data and Networks
<p><b>Unit 1: eBooks</b> (iBook, Book Creator) Create a new eBook with a front cover and add/remove pages/sub pages.</p> <p>Produce a multimedia eBook combining video, pictures, text and audio.</p> <p>Attach author data for publishing and publish book.</p> <p><b>Unit 2: Sound Recording</b> (Garage Band, Audacity, EasiSpeak Mics) Collect audio from a variety of sources including own recordings and internet clips.</p> <p>Create a multi-track recording using effects.</p> <p>Edit and refine their work to improve outcomes.</p> <p><b>Unit 3: Combining Media</b> (Movie Maker, I can Animate, Garage Band, PPT) Collaborate to make, save, edit and combine audio with other media.</p> <p>Develop, evaluate and refine content for greater impact.</p> <p>Use online tools responsibly to share work to a wider audience.</p>	<p><b>Unit 1: Probots</b> Write programs using repeat, angle sizes and conditional statements, along with general controls.</p> <p>Group together instructions to solve problems and achieve a specific outcome.</p> <p>Develop, test and refine procedures for greater efficiency.</p> <p><b>Unit 2: Scratch</b> Navigate the Scratch programming environment.</p> <p>Create a background and sprite.</p> <p>Add inputs to control their sprite.</p> <p>Use external triggers and infinite loops to control sprites.</p> <p>Create and edit variables.</p> <p>Use conditional statements.</p>	<p><b>Unit 1: Internet Research</b> Use advanced search functions in Google e.g.quotations.</p> <p>Understand websites such as Wikipedia are made by users. (link to Esafety)</p> <p>Use strategies to check the reliability of information e.g. cross checking with books.</p> <p>Use their knowledge of domain names to aid their judgement of the validity of the websites.</p> <p><b>Unit 2: Copyright</b> Understand copyright.</p> <p>Acknowledge where content has come from and reference sites in own work - hyperlinks.</p>	<p><b>Unit 1: Privacy</b> Judge what sort of privacy settings might be relevant to reducing different risks.</p> <p>Judge when to answer a question online and when not to.</p> <p>Use the internet in ways which minimise risks and discuss the consequences of not doing so.</p> <p>Select, maintain and use a range of secure passwords.</p> <p><b>Unit 2: Online Citizens</b> Be a good online citizen and friend, not a 'digital bystander'.</p> <p>Articulate what constitutes good behaviour online.</p> <p>Find and cite the web address for any information or resources found online.</p> <p>Use different sources to double check information found.</p>	<p><b>Unit 1: Data Collection</b> Create data collection forms and enter data from these accurately.</p> <p>Know how to check for and spot inaccurate data.</p> <p>Know which formulas to use when I want to change my spreadsheet model.</p> <p>Make graphs from the calculations on my spreadsheet.</p> <p><b>Unit 2: Cloud computing</b> Understand files may be saved off their device in 'clouds'</p> <p>Upload/download a file to the cloud on different devices.</p> <p>Understand about syncing files using cloud computing folders.</p>