



## Unit Provision ICT: 3Y Curriculum Learning Journey 2022 – 2023

<b>Term 1</b>	Introduction to ICT	<ul style="list-style-type: none"> <li>- CBA Login and passwords</li> <li>- Email login and passwords</li> <li>- Purple Mash login and passwords</li> <li>- Purple Mash Avatar</li> <li>- Purple Mash 2Do tasks and saving work</li> <li>- Safety in the computer room: posture, room safety</li> <li>- Accepts rules of the setting</li> <li>- Names people they can trust and ask for help</li> </ul>
<b>Term 2</b>	Presentation Software: Word Processing	<ul style="list-style-type: none"> <li>- Opens, edits, saves documents</li> <li>- Adds or inserts letters, text and/or pictures to a template or document</li> <li>- Edits and formats images and text e.g. resizing, changing colour</li> <li>- Use/experiments with a range of tools/features available within Purple Mash.</li> <li>- Creates a range of simple documents using templates</li> <li>- Saves their document</li> </ul>
<b>Term 3</b>	Using the Internet/ Internet Safety	<ul style="list-style-type: none"> <li>- Can open and use a search engine (with assistance)</li> <li>- Points to some of the different types of content on a website</li> <li>- Gives examples of different types of content on websites, e.g. text, video, images</li> <li>- Uses key words in a search</li> <li>- Finds relevant pages from their web search</li> <li>- Investigates different types of digital data on the internet, e.g. maps, encyclopaedia, weather</li> <li>- Keywords: internet, search engine, web address, website, web page, digital footprint</li> </ul>
<b>Term 4</b>	Creating Pictures	<ul style="list-style-type: none"> <li>- To learn the functions of the 2Paint a Picture tool.</li> <li>- To learn about and recreate the Impressionist style of art (Monet, Degas, Renoir).</li> <li>- To recreate Pointillist art and look at the work of pointillist artists such as Seurat.</li> <li>- To learn about the work of Piet Mondrian and recreate the style using the lines template.</li> <li>- To learn about the work of William Morris and recreate the style using the patterns template.</li> <li>- To explore surrealism and eCollage.</li> </ul>
<b>Term 5</b>	Coding	<ul style="list-style-type: none"> <li>- To understand what instructions are and predict what might happen when they are followed.</li> <li>- To use code to make a computer program.</li> <li>- To understand what object and actions are.</li> <li>- To understand what an event is.</li> <li>- To use an event to control an object.</li> </ul>



		<ul style="list-style-type: none"> <li>- To begin to understand how code executes when a program is run.</li> <li>- To understand what backgrounds and objects are.</li> <li>- To plan and make a computer program.</li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>- To understand what an algorithm is.</li> <li>- To create a computer program using an algorithm.</li> <li>- To create a program using a given design.</li> <li>- To understand the collision detection event.</li> <li>- To understand that algorithms follow a sequence.</li> <li>- To design an algorithm that follows a timed sequence.</li> <li>- To understand that different objects have different properties.</li> <li>- To understand what different events, do in code.</li> <li>- To understand the function of buttons in a program.</li> <li>- To understand and debug simple programs</li> </ul>
<b>Term 6</b>	Making Music	<ul style="list-style-type: none"> <li>- To make music digitally using 2Sequence.</li> <li>- To explore, edit and combine sounds using 2Sequence.</li> <li>- To edit and refine composed music.</li> <li>- To think about how music can be used to express feelings and create tunes which depict feelings.</li> <li>- To upload a sound from a bank of sounds into the Sounds section.</li> <li>- To record and upload environmental sounds into Purple Mash.</li> <li>- To use these sounds to create tunes in 2Sequence.</li> </ul>

<p><b><u>Big Ideas:</u></b>          Computer Science          Information and Communication          E-Safety</p>	<p><b><u>Individual Need:</u></b>          Students will access varying amounts of the big ideas content dependent on individual need</p>
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