

**YEAR 2 CURRICULUM MAP**

<b>2</b>	<b>Autumn</b>		<b>Spring</b>		<b>Summer</b>	
	<b>Creating Pictures</b>	<b>Online Safety &amp; Effective Searching</b>	<b>Questioning</b>	<b>Making Music &amp; Presenting Ideas</b>	<b>Coding</b>	<b>Spreadsheets</b>
<b>Key Learning</b>	<p>To learn the functions of the 2Paint a Picture tool.</p> <p>To learn about and recreate the Impressionist style of art (Monet, Degas, Renoir).</p> <p>To recreate Pointillist art and look at the work of pointillist artists such as Seurat.</p> <p>To learn about the work of Piet Mondrian and recreate the style using the lines template.</p> <p>To learn about the work of William Morris and recreate the style using the patterns template.</p> <p>To explore surrealism and eCollage.</p>	<p>To know how to refine searches using the Search tool.</p> <p>To use digital technology to share work and to communicate and connect with others locally.</p> <p>To have some knowledge and understanding about sharing more globally on the Internet.</p> <p>To introduce Email as a communication tool</p> <p>To understand how we should talk to others in an online situation.</p> <p>To open and send simple online communications in the form of email.</p> <p>To understand that information put online leaves a digital footprint</p> <p>To identify the steps that can be taken to keep personal data secure.</p> <p>To understand words associated with searching.</p> <p>To gain a better understanding of searching on the Internet.</p> <p>To create a leaflet to help someone search for information on the Internet</p>	<p>To learn about data handling tools that can give more information than pictograms.</p> <p>To use yes/no questions to separate information.</p> <p>To construct a binary tree to identify items. To use 2Question (a binary tree database) to answer questions. To use a database to answer more complex search questions.</p> <p>To use the Search tool to find information.</p>	<p>To make music digitally using 2Sequence.</p> <p>To explore, edit and combine sounds using 2Sequence.</p> <p>To edit and refine composed music.</p> <p>To think about how music can be used to express feelings and create tunes which depict feelings.</p> <p>To upload a sound from a bank of sounds into the Sounds section.</p> <p>To record and upload environmental sounds into Purple Mash.</p> <p>To use these sounds to create tunes in 2Sequence</p> <p>To explore how a story can be presented in different ways.</p> <p>To make a quiz about a story or class topic.</p> <p>To make a fact file on a non-fiction topic.</p> <p>To make a presentation to the class</p>	<p>To understand what an algorithm is.</p> <p>To create a computer program using an algorithm.</p> <p>To create a program using a given design.</p> <p>To understand the collision detection event.</p> <p>To understand that algorithms follow a sequence.</p> <p>To design an algorithm that follows a timed sequence.</p> <p>To understand that different objects have different properties.</p> <p>To understand what different events do in code.</p> <p>To understand the function of buttons in a program.</p> <p>To understand and debug simple programs.</p>	<p>To understand the sorts of tasks that a spreadsheet program could be used for.</p> <p>To enter data into spreadsheet cells.</p> <p>To use 2Calculate image tools.</p> <p>To use the totalling tools.</p> <p>To use a spreadsheet for money calculations.</p> <p>To use the 2Calculate equals tool to check calculations.</p> <p>To use 2Calculate to collect data and produce a graph.</p>

<p><b>Touch Type Focus</b></p>	<p><b>Shift</b> To develop the use of the shift key to capitalise letters on a keyboard.</p>	<p><b>Vowels and Consonants</b> To be able to locate both the vowel and consonant keys on a keyboard.</p>	<p><b>Letters and Numbers</b> To be able to select all keys across the keyboard, including letters and numbers. • To use knowledge of keys to form basic words</p>	<p><b>2Pop</b> To be able to locate letters and numbers on a keyboard in a timely manner.</p>	<p><b>High Frequency Words 1</b> To be able to type various high frequency words using a keyboard.</p>	<p><b>High Frequency Words 2</b> To be able to type various high frequency words using a keyboard.</p>
<p><b>Vocabulary</b></p>	<p>Art, palette, fill, style, pointillism, impressionism, surrealism</p>	<p>Attachment, digital footprint, email, filter, internet, personal information, internet, secure, private information, search, sharing,</p>	<p>Binary tree, data, database, field, pictogram, question, record, search, sort</p>	<p>Bpm, instrument, soundtrack, composition, music, tempo, digitally, music, tempo, sound affects, volume, concept map, quiz, narrative, node, non-fiction, audience, animated, presentation</p>	<p>Beat, compose, note, tune, sound effect, soundtrack, speed, tempo, volume</p>	<p>Action, algorithm. Background, bug, button., click events, command, collision detections, event, debug, execute, implement, instructions, interaction, interval, object, output, properties, run</p>
<p><b>Skills</b></p>	<p><b>Pupils should be taught to:</b></p> <ul style="list-style-type: none"> <li>• understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions</li> <li>• create and debug simple programs</li> <li>• use logical reasoning to predict the behaviour of simple programs</li> <li>• use technology purposefully to create, organise, store, manipulate and retrieve digital content</li> <li>• recognise common uses of information technology beyond school</li> <li>• use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies</li> </ul>					