

## Computing Curriculum Map 2021-22

Year Group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>EYFS</b>	Knows how to operate simple equipment, e.g. turns on CD player and uses remote control / Shows an interest in technological toys or real objects such as cameras or mobile phones. Knows that information can be retrieved from computers		Completes a simple program on a computer. Uses ICT hardware to interact with age-appropriate computer software		Recognise that a range of technology is used in places such as homes and schools. Select and use technology for particular purposes	
<b>Year 1</b>	Logging in, using Microsoft word  Data Handling - Sorting and organising data	Art and Images – Any painting and packages/apps on 2 simple	Programmable Toys – Solving problems with Bee-Bots	Logging in, using Microsoft word  Modelling software	Algorithms  Using technology safely and respectfully	
<b>Year 2</b>	Coding and algorithms  Bee-Bots – Graphice on floor – following instructions	Internet safety  What is the Internet? Safe searching – Copy and paste from internet.	Spreadsheets – Using programme Excel to collate information	Effective searching – Appropriate searching on google – search engines.	Creating pictures and music – using programme 2Simple	Presenting -  Researching topics and presenting this through program PowerPoint.
<b>Year 3</b>	Programming – Floor robots to create 2D shapes – Online activities.	Internet safety  Secure password/ protecting personal information.	Presenting -  Researching topics and presenting this through program PowerPoint	Data - Design and collect information for a simple questionnaire Collect data and present in a variety of formats, e.g Purplemash	Researching topics to create fact files on Ipad/Computers	Animation  Video & Sound: Film project in groups (plan a video, use different filming techniques and sound effects, present and evaluate work to audience) , Movie Maker, Audio Network

	2Caluculate. 2graph, Excel					
<b>Year 4</b>	<p>Researching topics to create fact files on Ipad/Computers</p>	<p>Internet safety</p> <p>'Protecting myself and my friends' Know what can be seen online and who by.</p>	<p>PowerPoint</p> <p>Researching topics and presenting this through programme PowerPoint.</p>	<p>Data Design and collect information for a simple questionnaire</p> <p>Collect data and present in a variety of formats, e.g. 2Vote Excel.</p> <p>Design and create a database Use database to carryout complex searches to answer questions</p>	<p>Animation</p> <p>Video: Using stock video re-edit footage to create own presentation, insert captured footage.</p> <p>Espresso , Movie Maker</p>	<p>Making music</p> <p>Music/Sound: Radio Programme project</p> <p>(listen, evaluate, plan and write a script. Rehearse and record voice. Create and add backing track and sound effects.) Garageband, Audacity, Audio Network</p>