



Computing Long Term Overview 2022 - 2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	<p><u>Perfect Pets</u></p> <p>BBC Dancemat touch typing skills and digital fluency.</p>	<p><u>Home and Away</u></p> <p>Word Processing – Use Google Docs to make an E-safety poster</p>	<p><u>A Step Back in Time</u></p> <p>Presentation Media – to show information on the Iron Age.</p>	<p><u>A Peachy Adventure</u></p> <p>Scratch - learn to use algorithms for a purpose. Programme a car in Smoking Car game</p>	<p><u>What Lies Beneath?</u></p> <p>Animations - using slides to retell a scene from Krindlekrax.</p>	<p><u>Invaders and Raiders</u></p> <p>Scratch – design, write and debug a maze game using their own Roman Soldier.</p>
Year 4	<p><u>Paws For Thought</u></p> <p>Scratch - use coding skills to design, write and debug a maths quiz.</p>	<p><u>Villagers and Pillages</u></p> <p>Word processing - Use Google Docs to provide an information poster advertising the outcome.</p>	<p><u>The Nowhere Emporium</u></p> <p>Presentation Media - to generate a presentation on a 'Wonder'.</p>	<p><u>Tragic Titanic</u></p> <p>Google Search - use internet search functions to research information on the Titanic.</p>	<p><u>Mission: Survival</u></p> <p>Scratch/Micro:bits - use coding skills to design, write and debug a maze for an animal to orientate.</p>	<p><u>S.O.S Save Our Species.</u></p> <p>Animations - to create a stop motion of an endangered animal (slides or PowerPoint).</p>
Year 5	<p><u>A Land Faraway</u></p> <p>Minecraft – use programming to move characters and complete adventure game (using 2D models).</p>	<p><u>Into the Darkness</u></p> <p>Animations – children create a stop motion animation using Animate It linked to space (2D models).</p>	<p><u>Walk Like an Egyptian</u></p> <p>Presentation Media Skills – create Egyptian Fact File posters.</p>	<p><u>The Golden Age</u></p> <p>Scratch – design, write and debug programs. Children create their own game for others to play.</p>	<p><u>A Twist in the Tail</u></p> <p>Use databases to collect information and mail merge to create animal top trump cards.</p>	<p><u>Fun at the Fair</u></p> <p>Scratch/Micro:bits - Use coding skills to programme Micro:bits to make scrolling displays for their fairground rides.</p>
Year 6	<p><u>Meet the Greeks</u></p> <p>Animations - children create a stop motion animation using Animate It linked to Greek Myths (3D models).</p>	<p><u>Born To Survive</u></p> <p>Scratch - use coding skills to design, write and debug a maze for Torak's quest in 'Wolf Brother'.</p>	<p><u>Dragonology</u></p> <p>Scratch/Micro:bits– use coding skills to design, write and debug programs.</p>	<p><u>Lest We Forget</u></p> <p>Google Sites - Create a website with information about dragons using search technologies effective – using work from last half term.</p> <p><u>Enterprise Week</u></p> <p>Google Sheets – Spreadsheets: collecting, analysing, evaluating and presenting data and information used for their business idea.</p>		<p><u>Location, Location, Location</u></p> <p>Google Forms - Create web-based surveys linked to selling castles. Children to use internet search engines to gather information.</p>