



Computing Curriculum Map – 2022 / 2023

	AUTUMN TERM		SPRING TERM		SUMMER TERM	
YEAR 1	<p>DIGITAL LITERACY Online Safety and Technology in Our Lives Topics Covered: Looking After Myself Online, My Personal Information and My Work Belongs to Me</p>	<p>COMPUTER SCIENCE Coding and Programming Programming Toys - BeeBots and Espresso Unit 1 – On the Move <i>Additional: Emails to Santa (Pictures)</i></p>	<p>COMPUTER SCIENCE Coding and Programming Espresso Unit 2 – Simple Inputs</p>	<p>INFORMATION TECHNOLOGY Text (Typing and Communication) Develop computing skills to support navigation of a computer or laptop.</p> <p>Text (Emails) Develop typing and editing skills to communicate with others via email.</p>	<p>INFORMATION TECHNOLOGY Image (Paintings) Use painting applications to create posters/art work and make a gallery.</p>	<p>INFORMATION TECHNOLOGY Text and Image (eBooks) Combine images, text and voice recordings to create eBooks.</p>
YEAR 2	<p>DIGITAL LITERACY Online Safety and Technology in Our Lives Topics covered: Looking After Myself and Others Using the Internet Safely and Thinking about Networks and Connections</p>	<p>COMPUTER SCIENCE Coding and Programming Espresso Unit 1: Different Sorts of Inputs <i>Additional: Emails to Santa (Letter)</i></p>	<p>COMPUTER SCIENCE Coding and Programming Espresso Unit 2: Buttons and Instructions</p>	<p>INFORMATION TECHNOLOGY Image (Digital Paintings) Use software to develop a range of specific techniques based on known artists and create a masterpiece.</p>	<p>INFORMATION TECHNOLOGY Text and Data (Using the Internet) Use the internet to create, retrieve, organise and store information for research.</p>	<p>INFORMATION TECHNOLOGY Text and Image (Presentations) Develop presentation skills to create own slideshow linked to current topic/research unit including headings, text and a picture.</p>
YEAR 3	<p>DIGITAL LITERACY Online Safety and</p>	<p>COMPUTER SCIENCE Coding and Programming</p>	<p>COMPUTER SCIENCE Coding and Programming</p>	<p>INFORMATION TECHNOLOGY</p>	<p>INFORMATION TECHNOLOGY</p>	<p>INFORMATION TECHNOLOGY Text and Image</p>

	Technology in Our Lives Topics covered: Online Relationships and Trusting Online Content	Espresso Unit 1: Sequence and Animation	Espresso Unit 2: Conditional Events and Selection	Text and Image (Digital Drawing) Developing graphic and presentation skills by drawing as opposed to painting. Create posters considering text, image and layout.	Text and Data Handling (Discerning Research) Develop the ability to discern digital content and select information for research linked to topic.	(Presentations) Combine images, text, animations and background design to create a presentation.
YEAR 4	DIGITAL LITERACY Online Safety and Technology in Our Lives Topics covered: Wellbeing and Lifestyle. Our Online Identity and Ownership and Copyright	COMPUTER SCIENCE Coding and Programming Espresso Unit 1: Introduction to Variables	COMPUTER SCIENCE Coding and Programming Espresso Unit 2: Repetition and Loops	INFORMATION TECHNOLOGY Text and Image (Presentations) Create a presentation by extending on previously learnt skills by incorporating action settings, audio/video and hyperlinks. Link to topic.	INFORMATION TECHNOLOGY Text and Image and Data Handling (Websites) Use typing, communication and formatting skills to design an organised website that includes texts, pictures and a graph/chart/table. Theme site based on topic research.	INFORMATION TECHNOLOGY Motion (Animations) Create and edit animations by creating frames of stop motion animation.
YEAR 5	DIGITAL LITERACY Online Safety and Technology in Our Lives Topics covered: Our Reputation Online, Evaluating Content Online, Being Healthy Technology Users	COMPUTER SCIENCE Coding and Programming Espresso Unit 1: Speed, Direction and Co-ordinates	COMPUTER SCIENCE Coding and Programming Espresso Unit 2: Random Numbers and Simulations	INFORMATION TECHNOLOGY Sound and Motion (Movie Trailers) Plan and create a movie trailer using video, sound and green screen elements.	INFORMATION TECHNOLOGY Sound and Data Handling (Podcasts) Plan and create a podcast, understanding that information on the internet can be presented in a range of ways.	INFORMATION TECHNOLOGY Text and Image (Marketing Presentations) Create and format posters and presentations to market podcast.
YEAR 6	DIGITAL LITERACY Online Safety and Technology in Our Lives Online Relationships, Our Image Online, and Managing Information.	COMPUTER SCIENCE Coding and Programming Espresso Unit 1: More Complex Variables	COMPUTER SCIENCE Coding and Programming Espresso Unit 2: Object Properties	INFORMATION TECHNOLOGY Data Handling (Spreadsheets) Enter data and formulae in a spreadsheet, ordering and presenting based on calculated data. Design a spreadsheet.	INFORMATION TECHNOLOGY Sound and Motion (Film) Conduct research about a given topic and make a documentary OR choose a topic and create a film including ending credits, an image title, narration and a range of edited clips.	INFORMATION TECHNOLOGY Image and Text (Leavers' Books) Combine skills in presentation, organising information and using images and text to create a digital/printed leavers' page or video for upcoming Y6.

						<p>Additional: COMPUTER SCIENCE Coding and Programming <i>Espresso: HTML Formatting and CSS and Hyperlinks</i></p>
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