



### Computing Journey Map

Each class across the school learns through units within the same four themes (Computing Systems & Networks, Creating Media, Programming and Data & Information). Learning graphs are provided for each unit which demonstrate progression through the core concepts and skills of each unit. As computing is taught on a 2 year cycle, teachers always review and assess previous knowledge and understanding ensuring their lessons build on previous learning. Teaching through a 'Core and More' principle ensures there is never a cap on learning; there are also opportunities for discretely taught skills to be applied across the wider curriculum.

#### Lower School – Years 1, 2 & 3

		<b>Term 1 &amp; 2</b> Computing Systems & Networks	<b>Term 3</b> Creating Media	<b>Term 4</b> Programming A	<b>Term 5</b> Data and Information	<b>Term 6</b> Creating Media
2022 - 2023	Hurricanes (Yrs 1 & 2)	Technology Around Us (Y1)	Digital Painting (Y1)	Moving a robot (Y1)	Grouping Data (Y1)	Digital Writing (Y1)
	Hercules (yrs 2&3)	Connecting Computers (Y3)	Stop-frame Animation (Y3)	Sequencing Sounds (Y3)	Branching Databases (Y3)	Desktop Publishing (Y3)
2023 – 2024	Hurricanes & Hercules	IT around Us (Y2)	Digital Photography (Y2)	Robot Algorithms (Y2)	Pictograms (Y2)	Digital Music (Y2)



**Upper School – Years 4, 5 & 6**

		<b>Term 1</b> Computing Systems & Networks	<b>Term 2</b> Creating Media	<b>Term 3</b> Programming A	<b>Term 4</b> Data and Information	<b>Term 5</b> Creating Media	<b>Term 6</b> Programming B
2022-2023	Voyagers (Yrs 4&5)	The Internet (Y4)	Audio Production (Y4)	Repetition in Shapes (Y4)	Data Logging (y4)	Photo Editing (Y4)	Repetition in Games (Y4)
	Falcons (Yrs 5&6)	Communication & Collaboration (Y6)	Web page creation (Y6)	Variable in games (Y6)	Introduction to spreadsheets (Y6)	3D Modelling (Y6)	Sensing Movement (Y6)
2023 - 2024	Voyagers & Falcons	Systems & searching (Y5)	Video Production (Y5)	Selection in Physical Computing (Y5)	Flat-file databases (Y5)	Introduction to Vector graphics (Y5)	Selection in quizzes (Y5)