

Year 6 Computing long term plan 2024-25

(Colour coding/ themes taken from Purple Mash Scheme of Work Overview for Year 6)

	Theme	Programs	Planning	Objectives by week
Term 1	Staying Safe Online - Online Safety (PSHCE)	Browser	GSP Digital Futures – To be taught across terms 1 and 2 in addition to computing sessions)	1) and 2) Self Image and Identity 3) and 4) Online relationships 5) and 6) Online reputation 7) Online bullying 8) and 9) Managing online information 10) and 11) Health, wellbeing and lifestyle 12) and 13) Privacy and security 14) Copyright and Ownership
	Data Handling – Computer science	Microbit	BBC Micro:bit	1) What is data 2) Data treasure hunt 3) Sensor gadget design 4) Data conditions and selection 5) Digital assistants
Term 2	Coding-Computer science	2code	Purple Mash Online coding 6.1	1) and 2) Designing and making a more complex program 3) Using functions 4) Flowcharts and control simulations 5) User input 6) Text based adventures
Term 3	Coding- Computer Science	Micro:bits	BBC Micro:bit: Getting Active	1) Describing with variables 2) Using variables in programs 3) Programming step counters 4) Random activities 5) Programming an activity picker
Term 4	Use search technologies and combine software - Information Technology	Browser	Purple Mash 6.4: Blogging	1) What is a blog 2) Planning a blog 3) Writing a blog 4) Sharing posts and commenting
Term 5	Coding-Computer Science	Micro:bits	BBC Micro:bit: Night Safety	1) Night sensor-create a wearable device 2) Flashing wheels-design a prototype of a flashing wheel 3) A bag for Julian-create a light up bag Algorithms

Term 6	Use search technologies and combine software - Information Technology	Microsoft Publisher	VW MTP Publisher planning	<ol style="list-style-type: none"> 1) Introduction and explore templates Choose template to create Y6 school production tickets 2) School production poster design 3) Aligning images and editing for publication.
	Coding-Computer Science	2Quiz	Purple mash 6:7-Quizzing	<ol style="list-style-type: none"> 1) To create a picture based quiz for young children 2) And 3) To learn how to use the question types in 2Quiz 4) To explore the grammar quizzes 5) To make a quiz that requires the player to search a database 6) To develop skills in creating surveys and questionnaires. • To use a survey to gain information rather than scores.