



Computing Curriculum Overview based on Purple Mash scheme

E Safety	Every half term begins with a review of E-safety					
Reception	Knowledge and Understanding Technology – Units accessible to the EYFS are as follows but are taught discretely throughout the year rather than in set term format					
	Online Safety Communication and Language Remember rules without needing an adult to remind them. Develop speaking and listening skills by engaging in role play activities, along with building confidence.	Expressive Arts Explore, use and refine a variety of artistic effects to express their ideas and feelings. Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	Maths Develop understanding of number to 10 through completing a series of interactive tasks and activities. Explore and represent patterns within numbers up to 10 by completing online quizzes and games in Maths City.	Physical Development Match their developing physical skills to tasks and activities in the setting. Develop their small motor skills so that they can use a range of tools competently, safely and confidently.	PSED Show resilience and perseverance in the face of a challenge. Know and talk about the different factors that support their overall health and wellbeing: - sensible amounts of 'screen time' Be confident to try new activities and show independence, resilience and perseverance in the face of challenge. Explain the reasons for rules, know right from wrong and try to behave accordingly.	Understanding the world Explore how things work and identify the difference between past and present. Be able to explain some similarities and differences between life in this country and life in other countries.
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Privacy and Security 3 lessons	Creating and Following Instructions 4	Creative Computing 4	Animated Story Books 6	Coding 6	Grouping Objects 6 Unit 1.2
		Self-Image and identity 2	Health and Well-being 1			
Year 2	Privacy and Security 4 lessons	Creating Pictures 5	Questioning 4	Route Explorers 4	Coding 6	Making Music 3
	Self-Image and Identity 2 Lessons			Online Bullying 3		Presenting Ideas 4
Year 3	Self-Image and Identity 3 Lessons	Coding 6 Unit 3.1 6 lessons	Touch Typing 4 Unit 3.4	Email (including email safety) 6 Unit 3.5	Spreadsheets 6	Presenting 5 Unit 3.9
	Route Planners 5 lessons /overlap into Autumn 2					
Year 4	Self-Image and Identity 3 Lessons	Coding 6	Animation	Online Relationships 3 lessons	Animation 6	Effective Searching 4
	Artificial Intelligence 4 Unit 4.10			Online reputation 2		Unpacking Hardware 2
Year 5	Online Bullying 6 Lessons	Coding 6 Lessons	Quizzing 5	Game Creator 5	Word Processing 6	Health, well-being and Lifestyle 4
Year 6	Online Reputation 6 Lessons	Coding 6	3D Modelling 4	Online relationships 4 Lessons	Blogs 4 Lessons	Graphing 4 Lessons
					Copyright and Ownership 2 Lessons	

Updates:

Year 1- **Unit 1.8- Spreadsheets** (summer 2) has been removed and the new topic will be **Unit 1.2 -Grouping and Sorting**

Year 2- **Unit 2.6- Creating Pictures** will now be taught in Autumn 2 and **Unit 2.1- Coding** in Spring 2

Year 3- **Unit 3.6 Branching Databases** has been removed

Year 4- **Unit 4.3-Spreadsheets** (autumn 1) has been removed and the new topic will be **Unit 4.10 Artificial Intelligence**

Year 5 and 6 units will remain the same.