



Computing Subject Profile

Subject Lead(s) background: Having worked in a computer shop whilst at school and university, I have always had a keen interest in technology. As a teacher, I have always enjoyed incorporating technology in my lessons. This is something I have looked to lead on as subject lead, ensuring that all children have regular access to technology across the curriculum. I have up-to-date CPD including Mr P ICT and work closely with the school SLT and InterMIT for current knowledge and understanding in filtering and monitoring (KCSiE) - I take an active lead on monitoring software SENSO.

Additional Computing team... Safeguarding DSLs, PSHE/RSHE leads (and wider implications with Forest, Science and History Leads (Risk-benefit, E-safety/safeguarding link, Critical thinking - evidence) and UKS2 teacher with AI research and practical expertise (and wider support Thinking Classrooms-facilitated working groups)



Reading -

Classrooms - [Core Read-Aloud Stories, Non-Fiction and Poetry](#)

Library themes (term): Out of this World UKS2 Robots - Artificial Intelligence (AI) and Impact of Digital Designers on the world (living memory - history)

Links to Cross Curricular Learning - Digital Graphics

Design - digital graphic-design of trains Victorians and bridges Brunel Australia (UKS2, A1 and Su2) Music - Composition Purple Mash tools (whole-school)

Tier 2 words: design, predict, create, report

Whole School Coverage [Computing threads](#)

<u>2 Year Rolling Programme</u>	<u>KS1 Term and Theme</u>	<u>Purple Mash Unit</u>
Year 1	Autumn - Castles	Online Safety Unit 2.2 Technology Outside School Unit 1.9
	Spring - Dinosaurs	Coding Unit 2.1 Presenting Ideas Unit 2.8
	Summer - Seaside	Making Music Unit 2.7
Year 2	Autumn - Penguins	Coding Unit 1.7
	Spring - Wizards	Effective Searching Unit 2.5 Presenting Ideas Unit 2.8
	Summer - Minibeasts	Questioning Unit 2.4 Coding Unit 2.1

<u>2 Year Rolling Programme</u>	<u>LKS2 Term and Theme</u>	<u>Purple Mash Unit</u>
Year 1	Autumn - Charlie and the Chocolate Factory	Online Safety Unit 4.2 Coding Unit 4.1
	Spring - Pirates	Presenting Unit 3.9 Animation Unit 4.6
	Summer - Tudors	Spreadsheets Unit 4.3
Year 2	Autumn - Egyptians	Online Safety Unit 3.2 Effective Searching Unit 4.7
	Spring - Rainforests	Branching Databases Unit 3.6 Logo Unit 4.5

	Summer - Inventors	Coding Unit 3.1
<u>2 Year Rolling Programme</u>	<u>UKS2 Term and Theme</u>	<u>Purple Mash Unit</u>
Year 1	Autumn - Victorians	Unit 6.1 Coding (6 Weeks) Unit 6.2 Online Safety (3 Weeks) Unit 5.6 Modelling (4 Weeks)
	Spring - Out of this World	Unit 5.4 Databases (4 Weeks) Unit 6.3 Spreadsheets (5 Weeks)
	Summer - Around the World	Unit 6.4 Blogging (5 Weeks) Unit 6.7 Quizzing (6 Weeks)
Year 2	Autumn - War and Conflict	Unit 5.1 Coding (6 Weeks) Unit 5.2 Online Safety (3 Weeks) Unit 6.6 Networks (3 Weeks)
	Spring - Pompeii	Unit 5.3 Spreadsheets (5 Weeks) Unit 5.7 Concept Maps (4 Weeks)
	Summer - Australia	Unit 5.5 Game Creator (5 Weeks) Unit 6.5 Text Adventures (5 Weeks)

Assessment Documents

KS1	<ul style="list-style-type: none"> ☰ Computing Assessment Grids KS1 ☰ Assessment Guidance KS1 (Year 1 of the Rolling Programme) ☰ Assessment Guidance KS1 (Year 2 of the Rolling Programme)
LKS2	<ul style="list-style-type: none"> ☰ Computing Assessment Grids LKS2 ☰ Assessment Guidance LKS2 (Year 1 of the Rolling Programme) ☰ Assessment Guidance LKS2 (Year 2 of the Rolling Programme)
UKS2	<ul style="list-style-type: none"> ☰ Computing Assessment Grids UKS2 ☰ Assessment Guidance UKS2 (Year 1 of the Rolling Programme) ☰ Assessment Guidance UKS2 (Year 2 of the Rolling Programme)

	KS1	LKS2	UKS2
A1	Castles	Charlie and The Chocolate Factory	Victorians
Sp1	Dinosaurs	Pirates	Out of this World
Su1	Seaside	The Tudors	Around the World
A2	Penguins	Egyptians	War and Conflict
Sp2	Wizards	Rainforests	Pompeii
Su2	Minibeasts	Inventors	Australia

Next-steps

- Observe KS1 and LSK2 and track higher attainers on assessment
- Hall display: E Safety - Digital Impact (raise the profile)
- Club - STEM Pupil Premium (digital comp. for x tables rock stars)

- Label on top for AI Out of this World work earlier this term
- Evidence folder electronic