

Computing at SSJ



At Southam St James, we follow the Purple Mash computing scheme as it provides a clear, progressive and knowledge-rich curriculum that supports children in developing essential digital skills year on year. The structured sequence of learning ensures strong progression across all year groups, allowing pupils to build confidently on prior knowledge. To ensure consistency and high-quality delivery, we have weekly timetabled computing lessons from Year 1 through to Year 6, giving every child regular opportunity to practice, apply and deepen their computing understanding.

Information Technology	Computer Science	Digital Literacy
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Year 1

Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 7 weeks	Summer 2 7 weeks
Purple Mash Computing Scheme					
Introduction to PM (3)	Data Explorers (6)	Creating & Following Instructions (3)	Animated Stories (5)	Coding (6)	Technology Around us (3)
Creative Computing (4)		Animated Stories (1)		Technology Around us (1)	Making Beats (4)
Online Safety - 2BeSafe - Being Safe in a Digital World (Each session is 15 minutes and should begin your computing lesson)					
Self-Image & Identity (2)	Online Relationships (4)	Online Reputation (2) Online Bullying (1)	Managing Online Information (3)	Health, Wellbeing and Lifestyle (1) Privacy & Security (3)	Copyright & Ownership (4)

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Year 2

Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 7 weeks	Summer 2 7 weeks
Purple Mash Computing Scheme					
Route Explorers (4)	The Internet (2)	Spreadsheets (6)	Questioning (4)	Coding (6)	Coding Presenting Ideas (4)
The Internet (2)	Creating Pictures (5)				Making Music (3)
Online Safety - 2BeSafe - Being Safe in a Digital World (Each session is 15 minutes and should begin your computing lesson)					
Self-Image & Identity (2)	Online Relationships (7)	Online Reputation (3) Online Bullying (3)	Managing Online Information (5)	Health, Wellbeing and Lifestyle (1) Privacy & Security (4)	Copyright & Ownership (2)

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Year 3

Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 7 weeks	Summer 2 7 weeks
Purple Mash Computing Scheme					
Email (6)	Route Planners (5)	Branching Databases (2)	Spreadsheets (3)	Coding (3)	Presentations (2)
	Branching Databases (2)	Spreadsheets (3)	Coding (3)	Presentations (3)	Touch Typing (4)
Online Safety - 2BeSafe - Being Safe in a Digital World (Each session is 15 minutes and should begin your computing lesson)					
Self-Image & Identity (3)	Online Relationships (6)	Online Reputation (3) Online Bullying (2)	Managing Online Information (5)	Managing Online Information (1) Health, Wellbeing and Lifestyle (2)	Privacy & Security (3) Copyright & Ownership (1)

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Year 4

Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 7 weeks	Summer 2 7 weeks
Purple Mash Computing Scheme					
Unpacking Hardware & Software (4)	Animation (2)	Sound Stories (4)	Effective Searching (4)	Coding (6)	Composing Beats (3)
Animation (2)	Logo (4)			Composing Beats (1)	Introduction to AI (4)
Online Safety - 2BeSafe - Being Safe in a Digital World (Each session is 15 minutes and should begin your computing lesson)					
Self-Image & Identity (3)	Online Relationships (3)	Online Reputation (2) Online Bullying (3)	Managing Online Information (5)	Managing Online Information (1) Health, Wellbeing and Lifestyle (2)	Privacy & Security (4) Copyright & Ownership (2)

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Year 5

Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 7 weeks	Summer 2 7 weeks
Purple Mash Computing Scheme					
Quizzing (5)	Databases (4)	Games Creator (3)	Spreadsheets (3)	Coding (4)	Word Processing (3)
	Games Creator (3)	Spreadsheets (4)	Coding (2)	Word Processing (3)	Concept Maps (4)
Online Safety - 2BeSafe - Being Safe in a Digital World (Each session is 15 minutes and should begin your computing lesson)					
Self-Image & Identity (2)	Online Relationships (5) Online Reputation (2)	Online Bullying (6)	Managing Online Information (5)	Managing Online Information (4) Health, Wellbeing and Lifestyle (3)	Health, Wellbeing and Lifestyle (1) Privacy & Security (3) Copyright & Ownership (2)

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Year 6

Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 7 weeks	Summer 2 7 weeks
Purple Mash Computing Scheme					
Networks (4)	Graphing (4)	Blogging (1)	Coding (5)	Introduction to Python (4)	Spreadsheets (3)
	Blogging (3)	Data Detectives (4)		Coding (1)	Spreadsheets (3)
Online Safety - 2BeSafe - Being Safe in a Digital World (Each session is 15 minutes and should begin your computing lesson)					
Self-Image & Identity (3) Online Relationships (4)	Online Reputation (2) Online Bullying (2)	Managing Online Information (6)	Managing Online Information (5)	Health, Wellbeing and Lifestyle (4) Privacy & Security (2)	Privacy & Security (4) Copyright & Ownership (2)