Long Term Plan: Computing

St James CE Primary School

Reception

	Autumn		Spring		Summer	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Units and focus	Personal social emotions development – Self regulations Literacy Mathematics Expressive art and design - Imaginative and expressive Physical development - Fine motor skills	Expressive art and design – creating with materials Literacy Mathematics Expressive art and design - Imaginative and expressive Physical development - Fine motor skills	Understanding the world – past and present People culture and communities The natural world Literacy Mathematics Expressive art and design - Imaginative and expressive Physical development - Fine motor skills	Understanding the world – past and present People culture and communities The natural world Literacy Mathematics Expressive art and design - Imaginative and expressive Physical development - Fine motor skills	Communication and language – listening and attention Speaking Literacy Mathematics Expressive art and design - Imaginative and expressive Physical development - Fine motor skills	Personal social emotions development - Managing self Literacy Mathematics Expressive art and design - Imaginative and expressive Physical development - Fine motor skills

Year 1

	Autumn		Spring		Summer	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Units and focus	Unit 1.1 Online safety/tech outside school (3 lessons)	Unit 1.6 Animated stories (5 lessons)	Unit 1.2 Grouping and sorting (2 lessons) Unit 1.3 Pictograms (3 lessons)	Unit 1.8 Spreadsheets (3 lessons)	Unit 1.4 Lego builders (3 lessons) Unit 1.5 Maze explorers (4 lessons)	Unit 1.7 Coding (6 lessons) Unit 1.9 Tech outside school

Year 2

	Autumn		Spring		Summer	

Units and focus	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Unit 2.7 Making music (3 lessons) Unit 2.2 Online safety (3 lessons)	Unit 2.5 Effective searching (3 lessons) Unit 2.4 Questioning (5 lessons)	Unit 2.6 Creating pictures (5 lessons)	Unit 2.8 Presenting ideas (4 lessons)	Unit 2.3 Spreadsheets (4 lessons)	Unit 2.1 Coding (6 lessons)

Year 3						
	Autumn		Spring		Summer	

Units and focus	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Unit 3.2 Online safety (3 lessons) Unit 3.5 Email (6 lessons)	Unit 3.5 Email (6 lessons) Unit 3.8 Graphing (2 lessons)	Unit 3.3 – Spread sheets (3 lessons)	Unit 3.7 Simulations (3 lessons) Unit 3.6 Branching data bases (4 lessons)	Unit 3.9 Presenting (6 lessons)	Unit 3.1 Coding (6 lessons)

Year 4						
	Autumn		Autumn		Autumn	

Units and focus	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Unit 4.2 Online Safety (4 lessons) Unit 4.5 Logo (4 lessons)	Unit 4.6 Animation (3 lessons) Unit 4.8 Hardware Investigators (2 lessons)	Unit 4.3 Spreadsheets (5 lessons) Unit 4.7 Effective Searching (3 lessons)	Unit 4.7 Effective Searching (3 lessons) Unit 4.9 Making Music (4 lessons)	Unit 4.4 Writing for Different Audiences (5 lessons)	Unit 4.1 Coding (6 lessons)

Year 5						
	Autumn		Spring		Summer	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Units and focus	Unit 5.2 – Online Safety (3 lessons) Unit 5.3 - Spreadsheets split unit (6 lessons– 3 each side)	Unit 5.3 - Spreadsheets split unit (6 lessons – 3 each side) Unit 5.4 – Databases (4 lessons)	Unit 5.5 – Game Creator (5 lessons) Unit 5.6 – 3D Modelling split unit (4 lessons – 2 each side)	Unit 5.6 – 3D Modelling split unit (4 lessons – 2 each side) Unit 5.1 – Coding (6 lessons)	Unit 5.7 – Concept Maps (4 lessons)	Unit 5.8 – Word Processing (with Microsoft Word) (8 lessons)

Year 6						
	Autumn		Spring		Summer	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Units and focus	Unit 6.2 Online safety	Unit 6.3 Spreadsheets	Unit 6.4 Blogging (4 lessons)	Unit 6.7 Quizzing (6 lessons – split unit 3 each side)	Unit 6.1 Coding (6 lessons)	Unit 6.5 Text Adventures (5 lessons) Unit 6.6 Networks (3 lessons)