



Celebrating learning together in faith, hope and love

COMPUTING CURRICULUM PROGRESSION

EYFS		
Purple Mash programs and activities:	Associated hardware:	
Listening and Attention		
<ul style="list-style-type: none"> Simple City, Slideshows, 2Create a story, Mashcams, Talking Stories 	<ul style="list-style-type: none"> microphone, laptop, tablet, digital camera, IWB 	
Speaking		
<ul style="list-style-type: none"> Mashcams, 2CreateaStory, Slideshows, Simple City 	<ul style="list-style-type: none"> microphone, camera, IWB 	
Understanding		
<ul style="list-style-type: none"> 2Go, Simple City, 2CreatStory, Slideshow Creator 	<ul style="list-style-type: none"> microphone, laptop, tablet, Beebot 	
Making Relationships		
<ul style="list-style-type: none"> 2Beat, 2Explore, Mashcams, Topic resources PINS – All About Me and Feelings 	<ul style="list-style-type: none"> microphone, musical keyboard, stereo / cds, headphones 	Key skills: <ul style="list-style-type: none"> log in independently, turn taking, mouse and trackpad skills, drag and drop, painting and drawing tools
Self-confidence and awareness		
<ul style="list-style-type: none"> Explore new environments in Mini-Mash, Painting and drawing tools, Talk about observations and experiences, Develop 'buddies' to support one another 	<ul style="list-style-type: none"> iwb, laptop / PC, tablet, stylus / digital pen 	
Health and self-care		
<ul style="list-style-type: none"> Mini Mash PIN – Grocers, 2Count, Outdoor area of Mini Mash discussion and reflection 	<ul style="list-style-type: none"> timers, laptop, tablet, camera / video recorder 	
Reading		
<ul style="list-style-type: none"> Mashcams, 2CreateaStory, Alphabet slideshows, 2Email / 2Respond, Talking Stories 	<ul style="list-style-type: none"> IWB, laptop / PC, tablet, camera / video recorder, microphone 	
Writing		
<ul style="list-style-type: none"> Mashcams, 2Connect – concept mapping, 2CreateaStory, 2Publish, 2Email / 2Respond 	<ul style="list-style-type: none"> laptop / PC, IWB, tablet, camera / video recorder 	
Numbers		
<ul style="list-style-type: none"> Maths City 1, A-fish-metic, Number paint projects, 2Count, 2Quiz 	<ul style="list-style-type: none"> IWB, laptop / PC, tablet, stylus / digital pen 	
Shape, Space and Measure		
<ul style="list-style-type: none"> Maths City 1, Maths City 2, Shapes PIN in Mini Mash, 2DIY, 2DesignandMake 	<ul style="list-style-type: none"> IWB, laptop / PC, tablet, stylus / digital pen 	
People and Communities		
<ul style="list-style-type: none"> Mini Mash PINS – All About Me, Feelings 	<ul style="list-style-type: none"> IWB, laptop / PC, tablet 	
The World		
<ul style="list-style-type: none"> Mini Mash PINS – Minibeasts, Garden, Growing, Seasons, Baby Animals, SimpleCity, Slideshow creator, 2Connect 	<ul style="list-style-type: none"> IWB, laptop / PC, tablet, stylus / digital pen 	



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Technology

- Simple City, Access to Purple Mash and Mini Mash
- IWB, laptop / PC, tablet, stylus / digital pen

Exploring and Understanding Media

- 2Beat, 2Explore, 2DesignandMake, 2PaintaPicture, Paint projects
- IWB, laptop / PC, tablet, stylus / digital pen, camera / video recorder

Being Imaginative

- 2PaintaPicture, 2PaintaProject, 2CreateaStory, Mashcams, 2Beat, 2Explore, 2DesignandMake
- IWB, laptop / PC, tablet, stylus / digital pen, camera / video recorder, musical keyboard, headphones, stereo

Directed teaching and continuous provision

Online safety

Ourselves and Our Families	Repeating Rhythms and Patterns	Traditional tales	Monsters and Aliens	Space	Christmas	Winter, Snow, Ice and Dark Nights	Chinese New Year and Dragons	Food	People Who Help Us	Superheroes	Life Cycles	On the Farm	Dinosaurs
<ul style="list-style-type: none"> • Look at photos • Print photos • Take photos of self and others • PIN – All About Me, Feelings 	<ul style="list-style-type: none"> • Take photos of objects • Delete and edit photos by adding clip art • Make and record music – 2Beat/2Explore 	<ul style="list-style-type: none"> • Record seasonal changes with camera and video recorder • Listen to audio stories • 2Connect – mapping stories 	<ul style="list-style-type: none"> • Program Beebot to follow a route • Going places safely 	<ul style="list-style-type: none"> • Mashcams - astronaut • Use search engine safely – Kiddle • Paint space pictures using finger and stylus / digital pen 	<ul style="list-style-type: none"> • Design a route for a Beebot • Make and record music – 2Beat, 2Explore • Use stereo to listen to music on CD 	<ul style="list-style-type: none"> • Personal passwords and usernames • Record singing with microphone • MINI Mash PIN - Seasons 	<ul style="list-style-type: none"> • Make and record music and performances • 2PaintaPicture • 2PaintaProject • Sharing creative work 	<ul style="list-style-type: none"> • Record instructions using microphone • Use PC / laptop to watch videos • MiniMash PIN - Grocers 	<ul style="list-style-type: none"> • Sending messages to people who help us – 2email/2Respond • Interact in video communication with people who help us 	<ul style="list-style-type: none"> • Mashcams – superhero • Publish a superhero story - 2CreateaStory 	<ul style="list-style-type: none"> • Record changes in nature using camera and video recorder • Mini Mash PINS – Garden, Minibeasts 	<ul style="list-style-type: none"> • Record key events – reip to farm using camera and video recorder • Mini Mash PINS – Baby Animal, Seasons 	<ul style="list-style-type: none"> • Publish a dinosaur story - 2CreateaStory • Use a camera and video recorder to gather evidence



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Key Stage 1

Theme Key:	
	Coding and Computational thinking
	Spreadsheets
	Internet and Email
	Art and Design
	Music
	Databases and graphing
	Writing and Presenting
	Communication and networks

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
YEAR 1	Unit 1.1 Online Safety & Exploring Purple Mash				Unit 1.2 Grouping & Sorting		Unit 1.3 Pictograms		Unit 1.4 Lego Builders		Unit 1.5 Maze Explorers		Unit 1.6 Animated Story Books			Unit 1.7 Coding			Unit 1.8 Spreadsheets		Unit 1.9 Technology outside school										
	Weeks – 4				Weeks – 2		Weeks – 3		Weeks – 3		Weeks – 3		Weeks – 5			Weeks – 6			Weeks – 3		Weeks – 2										
	Programs – Various				Programs – 2DIY		Programs – 2Count		Programs – 2DIY		Programs – 2Go		Programs – 2Create A Story			Programs – 2Code			Programs – 2Calculate		Programs – Various										

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
YEAR 2	Unit 2.1 Coding				Unit 2.2 Online Safety		Unit 2.3 Spreadsheets		Unit 2.4 Questioning		Unit 2.5 Effective Searching		Unit 2.6 Creating Pictures			Unit 2.7 Making Music		Unit 2.8 Presenting Ideas														
	Weeks – 5				Weeks – 3		Weeks – 4		Weeks – 5		Weeks – 3		Weeks – 5			Weeks – 3		Weeks – 4														
	Programs – 2Code				Programs – Various		Programs – 2Calculate		Programs – 2Question, 2Investigate		Programs – Browser		Programs – 2PaintAPicture			Programs – 2Sequence		Programs – Various														



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Key Stage 2

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
YEAR 3	Unit 3.1 Coding						Unit 3.2 Online safety			Unit 3.3 Spreadsheets			Unit 3.4 Touch Typing			Unit 3.5 Email (including email safety)				Unit 3.6 Branching Databases		Unit 3.7 Simulations		Unit 3.8 Graphing									
	Number of Weeks – 6						Weeks – 3			Weeks – 3			Weeks – 4			Weeks – 6				Weeks – 4		Weeks – 3		Weeks – 3									
Main Programs – 2Code						Programs – Various			Programs – 2Calculate			Programs – 2Type			Programs – 2Email, 2Connect, 2DIY				Programs – 2Question		Programs – 2Simulate, 2Publish		Programs – 2Graph										
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
YEAR 4	Unit 4.1 Coding						Unit 4.2 Online safety			Unit 4.3 Spreadsheets				Unit 4.4 Writing for different audiences			Unit 4.5 Logo		Unit 4.6 Animation		Unit 4.7 Effective Search		Unit 4.8 Hardware Investigators										
	Number of Weeks – 6						Weeks – 4			Weeks – 6				Weeks – 5			Weeks – 4		Weeks – 3		Weeks – 3		Weeks – 2										
Main Programs – 2Code						Programs – Various			Programs – 2Calculate				Programs – 2Email, 2Connect, 2DIY			Programs – Logo		Programs – 2Animate		Programs – Browser													
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
YEAR 5	Unit 5.1 Coding						Unit 5.2 Online safety			Unit 5.3 Spreadsheets				Unit 5.4 Databases		Unit 5.5 Game Creator			Unit 5.6 3D Modelling		Unit 5.7 Concept Maps												
	Number of Weeks – 6						Weeks – 3			Weeks – 6				Weeks – 4		Weeks – 5			Weeks – 4		Weeks – 4												
Main Programs – 2Code						Programs - Various			Programs – 2Calculate				Programs – 2Question, 2Investigate		Programs – 2DIY 3D			Programs – 2Design and Make		Programs – 2Connect													



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Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
YEAR 6*	Unit 6.1 Coding						Unit 6.2 Online safety			Unit 6.3 Spreadsheets					Unit 6.4 Blogging					Unit 6.5 Text Adventures				Unit 6.6 Networks			Unit 6.7 Quizzing					
	Number of Weeks – 6						Weeks – 2			Weeks – 5					Weeks – 5					Weeks – 5				Weeks – 3			Weeks – 6					
Main Programs – 2Code						Programs - Various			Programs – 2Calculate					Programs – 2Blog					Programs – 2Code, 2Connect							Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate						