St Mary's Catholic Primary and Nursery

Computing Overview of Learning 2020-2021

	Autumn Term		Spring Term		Summer Term	
Nursery	**What makes me special?**	**How do we celebrate?**	**Is the moon made of cheese?**	**Where do the wheels on the bus go?**	**Can pigs fly?**	**Where does the sea end?**
	Generic skills linked to IT	Text digital imagery	**Online safety Audio**	**Using commands to control equipment devices**	**Data handling**	**Simulations Modelling purple mash**
Reception	**What makes me special?**	**What's my superpower?**	**Are dragons real?**	**Can elephants dance?**	**What came first, the chicken or the egg?**	**Where does the sea end?**
	Generic skills linked to IT	**Using commands to control equipment devices**	**Online safety & Audio**	**Data handling**	**Text & digital imagery**	**Simulations Modelling purple mash**
Year 1	**Wild mouse or house mouse?**	**Fire – friend or foe?**	**Who lives in a palace?**	**What's the difference between humans and robots?**	**What can we do in the great outdoors?**	
	Unit 1.1 (4 sessions) Online Safety and Exploring Purple Mash Unit 1.2 (2 sessions) Grouping and Sorting **Link to mathematics** *Sort objects, numbers and shapes to a given criterion and their own*		1.4 (3 sessions) Lego Builders	1.5 Maze Explorers (4 sessions)	1.7 Coding (6 sessions)	1.9 Technology outside School (2 sessions but could be done at a homework task)

Year 2	Would you help a lost wolf?	What was Chorley like in the past?	What's Africa really like?		Veggies, Yey or Yuck?	What makes the seaside the seaside?
	Unit 2.1 (5 sessions) Coding	2.4 Questioning (5 sessions)	2.5 Effective Searching (3 sessions) Unit 2.2 (2 sessions) Online Safety		2.3 Spreadsheets (4 sessions) Link to Mathematics	1.9 Technology outside School (2 sessions but could be done at a homework task)
Year 3	What Makes a Home a Home?	How Do We Be Healthy Humans?	What Lies Underground?	Who's That Coming Over The Hill?	What Did the Romans Do For Us?	How Does Your Garden Grow?
	Internet Safety Be Internet Legends Scheme of work. Be internet Sharp Pages 4-11 Unit 3.1 Coding (6 sessions)		3.3 Spread Sheets (3 sessions) Link to Mathematics 3.4 Touch typing (4 sessions)		3.5 Email (6 sessions) 2.8 Graphing (2 sessions) Link to mathematics	
Year 4	How does the world light up?	What does a red cross on a door mean?	How beautiful is food?	Would you like a one way ticket to Europe?	Where do rivers start?	Who eats who?
	Internet Safety Be Internet Legends Scheme of work. Be Internet Alert (pages 14-25)	Unit 4.1 Coding (6 sessions)	4.3 Spread Sheets (5 sessions) Link to Mathematics 4.7 Effective Searching (3 sessions)		4.5 Logo (4 sessions) 4.6 Animation (3 sessions)	
Year 5	How was our kingdom united?	What has earth and space taught us?	How is the Amazon amazing?		Should we have strawberry fields forever?	What have the Ancient Greeks done for us?

	Internet Safety Be Internet Legends Scheme of work. Be Internet Secure (Pages 28-36) Unit 5.1 Coding (6 sessions)		5.3 Spread Sheets (5 sessions) Also give the children opportunity to use the skills learns on Excel and compare this to PurpleMash	Coding on Scratch Coding Club Lost in Space Ghostbusters 5.6 3D Modelling (4 sessions) Link to nets of 3D shapes in mathematics	
Year 6	**What does it take to survive?**	**Has Britten got talent?**	**What makes a hero or villain?**	**Who is the guilty one?**	**Where would you like to be?**
	Internet Safety Be Internet Legends Scheme of work. Be Internet Kind (pages 38-46) Unit 6.1 Coding (6 sessions)			6.3 Spread Sheets (5 sessions) Also give the children opportunity to use the skills learns on Excel and compare this to PurpleMash	Blogging 6.4 Coding on Scratch (Dodgeball)