

St. Mary's 2-year COMPUTING plan - Year A and Year B

	Throughout the year – drip-feed into all subjects	YEAR A 1 st ½ Autumn term	YEAR A 2 nd ½ Autumn term	YEAR A 1 st ½ Spring term	YEAR A 2 nd ½ Spring term	YEAR A 1 st ½ Summer term	YEAR A 2 nd ½ Summer term
Robins		Year 1 Unit Technology around us – lessons 1-4 (lessons 5 &6 covered in Woodpeckers)					
Woodpeckers		YEAR 1 "CREATING MEDIA – DIGITAL PAINTING"	YEAR 1 "CREATING MEDIA – DIGITAL WRITING"	YEAR 2 "CREATING MEDIA – MAKING MUSIC"	YEAR 2 "PROGRAMMING A – ROBOT ALGORITHMS"	YEAR 2 "COMPUTER SYSTEMS AND NETWORKS – IT AROUND US"	YEAR 1 "DATA HANDLING – GROUPING DATA"
Owls	YEAR 3 "CREATING MEDIA – DESKTOP PUBLISHING"	YEAR 1 "PROGRAMMING B – INTRODUCTION TO ANIMATION"	YEAR 2 "CREATING MEDIA – DIGITAL PHOTOGRAPHY"	YEAR 2 "DATA HANDLING – PICTOGRAMS" YEAR 3 "DATA HANDLING – BRANCHING DATABASES"	YEAR 2 "PROGRAMMING B – INTRODUCTION TO QUIZZES"	YEAR 3 "COMPUTER SYSTEMS AND NETWORKS – CONNECTING COMPUTERS" YEAR 4 "CREATING MEDIA – PHOTO EDITING"	YEAR 3 "CREATING MEDIA – ANIMATION" Stop frame animation year 3 Different project each year – link to DT books or English poetry texts
Kestrels		YEAR 4 "COMPUTER SYSTEMS AND NETWORKS – THE INTERNET"	YEAR 5 "CREATING MEDIA – VIDEO EDITING"	YEAR 4 "PROGRAMMING A – REPETITION IN SHAPES"	YEAR 4 "DATA HANDLING – DATA LOGGING"	YEAR 5 "PROGRAMMING B – SELECTION IN QUIZZES"	E-safety unit Google's Internet Legends or Project Evolve

		YEAR 4 "CREATING MEDIA – PHOTO EDITING" lessons 4-6					
Eagles		YEAR 5 "COMPUTER SYSTEMS AND NETWORKS – SHARING INFORMATION" YEAR 6 "COMPUTER SYSTEMS AND NETWORKS – COMMUNICATION"	YEAR 5 "CREATING MEDIA – VECTOR DRAWING"	YEAR 5 "CREATING MEDIA – VIDEO EDITING"	YEAR 6 "CREATING MEDIA – WEBSITE CREATION"	YEAR 5 "DATA HANDLING – FLATFILE DATA BASES"	YEAR 5 "PROGRAMMING A – SELECTION IN PHYSICAL COMPUTING"
	Throughout the year – drip-feed into all subjects	YEAR B 1 st ½ Autumn term	YEAR B 2 nd ½ Autumn term	YEAR B 1 st ½ Spring term	YEAR B 2 nd ½ Spring term	YEAR B 1 st ½ Summer term	YEAR B 2 nd ½ Summer term
Robins		Year 1 Unit Technology around us – lessons 1-4 (lessons 5 & 6 covered in Woodpeckers)					
Woodpeckers		YEAR 1 "CREATING MEDIA – DIGITAL PAINTING"	YEAR 1 "CREATING MEDIA – DIGITAL WRITING"	YEAR 2 "CREATING MEDIA – MAKING MUSIC"	YEAR 1 and 2 "PROGRAMMING A – MOVING A ROBOT / ROBOT ALGORITHMS"	YEAR 1 "DATA HANDLING – GROUPING DATA"	E-safety unit Google's Internet Legends or Project Evolve

Owls	YEAR 3 "CREATING MEDIA – DESKTOP PUBLISHING"	<p>YEAR 1 "PROGRAMMING B – INTRODUCTION TO ANIMATION" Review year 1 unit then do YEAR 3 "PROGRAMMING B – EVENTS AND ACTIONS (MAZE)"</p>	<p>Combined units – look at what was covered in Year A and build on this</p> <p>YEAR 1 "COMPUTER SYSTEMS AND NETWORKS – TECHNOLOGY AROUND US"</p> <p>YEAR 2 "COMPUTER SYSTEMS AND NETWORKS – IT AROUND US"</p>	<p>YEAR 3 "DATA HANDLING – BRANCHING DATABASES"</p> <p>YEAR 2 "DATA HANDLING – PICTOGRAMS"</p>	<p>YEAR 2 "PROGRAMMING B – INTRODUCTION TO QUIZZES" Combined units – look at what was covered in Year A and build on this</p>	<p>YEAR 3 "COMPUTER SYSTEMS AND NETWORKS – CONNECTING COMPUTERS"</p> <p>YEAR 4 "CREATING MEDIA – PHOTO EDITING"</p>	<p>YEAR 3 "CREATING MEDIA – ANIMATION" Stop frame animation year 3 Different project each year – link to DT books or English poetry texts</p>
Kestrels		<p>Revisit / recap YEAR 4 "COMPUTER SYSTEMS AND NETWORKS – THE INTERNET"</p> <p>YEAR 4 "CREATING</p>	<p>YEAR 4 "CREATING MEDIA – AUDIO EDITING"</p>	<p>YEAR 4 "PROGRAMMING B – REPETITION IN GAMES"</p>	<p>YEAR 4 "DATA HANDLING – DATA LOGGING"</p>	<p>YEAR 6 "PROGRAMMING A – VARIABLES IN GAMES"</p>	<p>E-safety unit Google's Internet Legends or Project Evolve</p>

		MEDIA – PHOTO EDITING” lessons 4-6					
Eagles		YEAR 5 “COMPUTER SYSTEMS AND NETWORKS – SHARING INFORMATION” YEAR 6 “COMPUTER SYSTEMS AND NETWORKS – COMMUNICATION	YEAR 6 “CREATING MEDIA – 3D MODELLING”	YEAR 5 “CREATING MEDIA – VIDEO EDITING”	YEAR 6 “CREATING MEDIA – WEBSITE CREATION”	YEAR 6 “DATA HANDLING – SPREADSHEETS”	YEAR 6 “PROGRAMMING B – SENSING”

<i>There are four areas of NCCE planning</i>
Programming
Creating media
Computer systems and networks
Data Handling
E-safety unit is a separate unit that is not on NCCE but still needs to be taught.