



Sparsholt C of E Primary School Computing Long Term Overview



		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Willow and Beech Year 1		<i>1.4 Computer Networks</i> We are collectors: Finding images using the web ****	<i>1.6 Productivity</i> We are celebrating: Creating a card electronically	<i>1.3 Creativity</i> We are painters: Illustrating an eBook	<i>1.1 Programming</i> We are treasure hunters: Using programmable toys	1.5 Communication We are storytellers: producing a talking book	<i>1. 2 Computational thinking</i> We are TV chefs: Filming the steps of a recipe
Beech Year 2		2.5 Communication We are detectives: communicating clues ****	2.1 Programming We are astronauts: programming on screen	2.4 Computer networks We are researchers: Researching a topic	2.2 Computational thinking We are game testers: Exploring how computer games work	2.3 Creativity We are photographers Taking, selecting and editing digital images	2.6 Productivity We are zoologists: Recording bug hunt data
Maple Year 3		3.1 Programming We are programmers: programming an animation	3.3 Creativity We are presenters – Videoing performance	3.5 Communication We are communicators - communicating safely on the internet ****	3.4 Computer networks We are vloggers - making and sharing a short screencast presentation	3.6 Productivity We are opinion pollsters – collecting and analysing data	3.2 Computational thinking We are bug fixers – finding and correcting bugs in programs
Rowan 4 and 5	1	5.1 <i>Programming</i> We are game developers -Developing an interactive game	5.2 <i>Computational thinking</i> We are cryptographers Developing an interactive game	5.3 Creativity We are artists -Fusing geometry and art	5.4 Computer networks We are web developers Computer networks Creating a web page about cyber safety ****	5.5 Communication We are bloggers Sharing opinions and experiences	5.6 Productivity We are architects Creating a virtual space
	2	4.5 Communication We are co-authors: Produce a Wiki ****	4.4 Computer networks We are HTML editors: Editing and writing HTML	4.6 Productivity We are meteorologists: Presenting the weather	4.3 Creativity We are musicians: Producing digital music	4.1 Programming We are software developers: Developing an Interactive Game	4.2 Computational thinking We are toy designers: Prototyping an interactive toy
Oak 5 and 6	1	5.1 <i>Programming</i> We are game developers -Developing an interactive game	5.2 <i>Computational thinking</i> We are cryptographers Developing an interactive game	5.3 Creativity We are artists -Fusing geometry and art	5.4 Computer networks We are web developers Computer networks Creating a web page about cyber safety ****	5.5 Communication We are bloggers Sharing opinions and experiences	5.6 Productivity We are architects Creating a virtual space
	2	6.1 Programming We are adventure gamers: Making a text-based adventure game	6.2 Computational thinking We are computational thinkers: Mastering algorithms for searing and sorting and mathematics	6.3 Creativity We are advertisers: creating a short television advert	6.4 Computer networks We are network engineers: Exploring computer networks including the internet ****	6.5 Productivity We are travel writers: Using media and mapping to document a trip	6.6 Communication We are publishers: Creating a yearbook

****Taught with Switched on Computing – online safety unit