

Computing Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Taught through topics					
	Uses of technology in everyday life	Using an Ipad to video each other Beebots	Creating a class bar chart & pie chart Beebots - debugging	Using a laptop to create graphs from science data Creating a rain picture and adding text	Using a laptop and digital microscope	Using an Ipad to video each other Using a laptop and digital microscope
Year 2	Taught through topics					
	Researching using iPads	Using digital microscopes	Creating bar charts/pictographs	Purple Mash : Great Fire of London - programming a game	Beebots – programming Using digital microscopes	Use laptops to create packaging for food
Year 3	We are Programmers Programing an Animation ..\..\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 3\3.1 - We are programmers	We are Bug Fixers Finding and Correcting Bugs in Programmes ..\..\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 3\3.2 - We are bug fixers	We are Presenters Videoing Performance ..\..\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 3\3.3 - We are presenters	We are network Engineers Exploring Computer Networks, including the Internet ..\..\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 3\3.4 - We are network engineers	We are Communicators Communicating safely on the Internet ..\..\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 3\3.5 - We are communicators	We are Opinion Pollsters Collecting and Analysing Data ..\..\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 3\3.6 - We are opinion pollsters
Year 4	We are Software Developers Developing a simple Educational Game R:\Wistaston Academy\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 4\4.1 - We are software developers	We are Toy Designers Prototyping an Interactive toy P:\Wistaston Academy\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 4\4.2 - We are toy designers	We are Musicians Producing Digital Music R:\Wistaston Academy\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 4\4.3 - We are musicians	We are Html Editors Editing and Writing Html R:\Wistaston Academy\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 4\4.4 - We are HTML editors	We are Co-Authors Producing a Wiki R:\Wistaston Academy\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 4\4.5 - We are co-authors	We are Meteorologists Presenting the Weather R:\Wistaston Academy\Curriculum Areas & Subject Leadership\Computing\2016-17\Resources for NNC\Switched on Computing\Year 4\4.6 - We are meterologists
Year 5	We are Game Developers Developing an Interactive Game	We are Cryptographers Cracking Codes	We are Artists Fusing Geometry and Art	We are Web Developers Creating a Web Page About Cyber Safety	We are Bloggers Sharing Experiences and Opinions	We are Architects Creating a Virtual Space
Year 6	Switched on Computing SOW	Switched on Computing SOW	Switched on Computing SOW	Switched on Computing SOW	Switched on Computing SOW Design, write and debug a simple program to accomplish a specific goal – use scratch or purple mash advanced for this Use repetition in an algorithm Use logical reasoning to detect errors in sequence Analyse and present data – use excel for this – there is a good unit on switched on computing.	