

Cranford Park CE Primary School

Subject Overview for Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Title of unit Main Objectives /Skills	Title of unit Main Objectives /Skills	Title of unit Main Objectives /Skills	Title of unit Main Objectives /Skills	Title of unit Main Objectives /Skills	Title of unit Main Objectives /Skills
Early Years						
Year 1	We are painters Illustrating an eBook Creativity Tux Paint/Paint/2Paint/ Word	We are celebrating Creating a card electronically Productivity PowerPoint/Word/Clicker 5	We are storytellers Producing a talking book Communication/Collaboration on PowerPoint/Photostory/Clicker 5	We are TV chefs Filming a recipe Computational thinking Word/Movie Maker/iMovie/Adobe Premier Elements	We are collectors Finding images using the web Computer networks Internet browser/PowerPoint or IWB software	We are treasure hunters Using programmable toys Programming Programmable toys
Year 2	We are astronauts Programming on screen Programming Scratch	We are games testers Exploring how computer games work Computational thinking Selection of free online games	We are detectives Communicating clues Communication/Collaboration on Email software/Word	We are zoologists Recording bug hunt data Productivity PowerPoint/Excel/2Count	We are photographers Taking, selecting and editing digital images Creativity Picasa/Pixelr/Picasa Web/Photoshop Elements	We are researchers Researching a topic Computer networks FreeMind/Linkbunch/PowerPoint
Year 3	We are bug fixers Finding and correcting bugs in programs Computational thinking Scratch/Snap!	We are programmers Programming an animation Scratch/Snap!/PowerPoint	We are network engineers Exploring computer networks, including the internet Computer networks Access to school network and command prompt	We are presenters Videoing performance Creativity Movie Maker/Adobe Premier Elements/iMovie	We are communicators Communicating safely on the internet Communication/Collaboration Email software/Video conferencing software/ webcam	We are opinion pollsters Collecting and analysing data Productivity Excel/InspireData/Google Drive
Year 4	We are software developers Developing a simple educational game Programming Scratch/2DIY/Snap!	We are musicians Producing digital music Creativity JamStudio/GarageBand/Audacity/LMMS	We are toy makers Prototyping an interactive toy Computational thinking Arduino/Lego WeDo/Scratch	We are meteorologists Presenting the weather Productivity Excel/Google Drive/PowerPoint/IWB Software	We are co-authors Producing a wiki Communication/Collaboration MediaWiki/PBWorks/Google Sites	We are HTML editors Editing and writing HTML Computer networks Brackets/Notepad/Kompozer

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Year 5	We are architects Creating a virtual space Productivity SketchUp/Picasa Web	We are game developers Developing an interactive game Programming Scratch/2DIY/Snap!/Kodu	We are bloggers Sharing experiences and opinions Communication/Collaboration Wordpress/Blogger	We are web developers Creating a web page about cyber safety Computer networks Google Sites/PBWorks/Media Wiki	We are cryptographers Cracking codes Computational thinking Scratch/Snap!/Excel	We are artists Fusing geometry and art Creativity Scratch/Inkscape/Illustrator
Year 6	We are app planners Planning the creation of a mobile app Computer networks App Inventor/App Shed/Codea/PhoneGap	We are project managers Developing project management skills Computational thinking MS Project/Basecamp	We are market researchers Researching the app market Productivity Open Office Calc/Google Docs/InspireData	We are interface designers Designing an interface for an app Communication/Collaboration Balsamiq/Justinmind	We are app developers Developing a simple mobile phone app Programming App Inventor/App Shed/Codea/PhoneGap	We are marketers Creating video and web copy for a mobile phone app Creativity Movie Maker/Adobe Premier Elements/iMovie/WeVideo