

Unit	Title	Unit summary	Computing Programme of Study focus	Suggested software/hardware
1.1	We are treasure hunters	Using programmable toys	Programming	Programmable toys
1.2	We are TV chefs	Filming a recipe	Computational thinking	Word/Movie Maker/iMovie/Adobe Premier Elements
1.3	We are painters	Illustrating an eBook	Creativity	Tux Paint/Paint/2Paint/Word
1.4	We are collectors	Finding images using the web	Computer networks	Internet browser/PowerPoint or IWB software
1.5	We are storytellers	Producing a talking book	Communication/Collaboration	PowerPoint/Photostory/Clicker 5
1.6	We are celebrating	Creating a card electronically	Productivity	PowerPoint/Word/Clicker 5
2.1	We are astronauts	Programming on screen	Programming	Scratch
2.2	We are games testers	Exploring how computer games work	Computational thinking	Selection of free online games
2.3	We are photographers	Taking, selecting and editing digital images	Creativity	Picasa/Pixelr/Picasa Web/Photoshop Elements
2.4	We are researchers	Researching a topic	Computer networks	FreeMind/Linkbunch/PowerPoint
2.5	We are detectives	Communicating clues	Communication/Collaboration	Email software/Word
2.6	We are zoologists	Recording bug hunt data	Productivity	PowerPoint/Excel/2Count
3.1	We are programmers	Programming an animation	Programming	Scratch/Snap!/PowerPoint
3.2	We are bug fixers	Finding and correcting bugs in programs	Computational thinking	Scratch/Snap!
3.3	We are presenters	Videoing performance	Creativity	Movie Maker/Adobe Premier Elements/iMovie
3.4	We are network engineers	Exploring computer networks, including the internet	Computer networks	Access to school network and command prompt
3.5	We are communicators	Communicating safely on the internet	Communication/Collaboration	Email software/Video conferencing software/webcam
3.6	We are opinion pollsters	Collecting and analysing data	Productivity	Excel/InspireData/Google Drive
4.1	We are software developers	Developing a simple educational game	Programming	Scratch/2DIY/Snap!
4.2	We are toy makers	Prototyping an interactive toy	Computational thinking	Arduino/Lego WeDo/Scratch
4.3	We are musicians	Producing digital music	Creativity	JamStudio/GarageBand/Audacity/LMMS
4.4	We are HTML editors	Editing and writing HTML	Computer networks	Brackets/Notepad/Kompozer
4.5	We are co-authors	Producing a wiki	Communication/Collaboration	MediaWiki/PBWorks/Google Sites
4.6	We are meteorologists	Presenting the weather	Productivity	Excel/Google Drive/PowerPoint/IWB Software
5.1	We are game developers	Developing an interactive game	Programming	Scratch/2DIY/Snap!/Kodu
5.2	We are cryptographers	Cracking codes	Computational thinking	Scratch/Snap!/Excel
5.3	We are artists	Fusing geometry and art	Creativity	Scratch/Inkscape/Illustrator
5.4	We are web developers	Creating a web page about cyber safety	Computer networks	Google Sites/PBWorks/MediaWiki
5.5	We are bloggers	Sharing experiences and opinions	Communication/Collaboration	Wordpress/Blogger
5.6	We are architects	Creating a virtual space	Productivity	SketchUp/Picasa Web
6.1	We are app planners	Planning the creation of a mobile app	Computer networks	App Inventor/App Shed/Codea/PhoneGap
6.2	We are project managers	Developing project management skills	Computational thinking	MS Project/Basecamp
6.3	We are market researchers	Researching the app market	Productivity	Open Office Calc/Google Docs/InspireData
6.4	We are interface designers	Designing an interface for an app	Communication/Collaboration	Balsamiq/Justinmind
6.5	We are app developers	Developing a simple mobile phone app	Programming	App Inventor/App Shed/Codea/PhoneGap
6.6	We are marketers	Creating video and web copy for a mobile phone app	Creativity	Movie Maker/Adobe Premier Elements/iMovie/WeVideo