



Computing



Whole School Overview 2020-21

The Rising Stars scheme is followed by all year groups.

Year Group	Title	Unit summary	Computing Programme of Study focus
1	We are treasure hunters	Using programmable toys	Programming
	We are TV chefs	Filming the steps of a recipe	Computational thinking
	We are painters	Illustrating an eBook	Creativity
	We are collectors	Finding images using the web	Computer networks
	We are storytellers	Producing a talking book	Communication/Collaboration
	We are celebrating	Creating a card electronically	Productivity
2	We are astronauts	Programming on screen	Programming
	We are games testers	Exploring how computer games work	Computational thinking
	We are photographers	Taking, selecting and editing digital images	Creativity
	We are researchers	Researching a topic	Computer networks
	We are detectives	Communicating clues	Communication/Collaboration
	We are zoologists	Recording bug hunt data	Productivity
3	We are programmers	Programming an animation	Programming
	We are bug fixers	Finding and correcting bugs in programs	Computational thinking
	We are presenters	Videoing performance	Creativity
	We are vloggers	Making and sharing a short screencast presentation	Computer networks
	We are communicators	Communicating safely on the internet	Communication/Collaboration
	We are opinion pollsters	Collecting and analysing data	Productivity
4	We are software developers	Developing a simple educational game	Programming
	We are toy designers	Prototyping an interactive toy	Computational thinking
	We are musicians	Producing digital music	Creativity
	We are HTML editors	Editing and writing HTML	Computer networks
	We are co-authors	Producing a wiki	Communication/Collaboration
	We are meteorologists	Presenting the weather	Productivity
5	We are game developers	Developing an interactive game	Programming
	We are cryptographers	Cracking codes	Computational thinking
	We are artists	Fusing geometry and art	Creativity
	We are web developers	Creating a web page about cyber safety	Computer networks
	We are bloggers	Sharing experiences and opinions	Communication/Collaboration
	We are architects	Creating a virtual space	Productivity
6	We are adventure gamers	Making a text-based adventure game	Programming
	We are computational thinkers	Mastering algorithms for searching, sorting and mathematics	Computational thinking
	We are advertisers	Creating a short television advert	Creativity
	We are network engineer	Exploring computer networks including the internet	Computer networks
	We are travel writers	Using media and mapping to document a trip	Productivity
	We are publishers	Creating a year book	Communication / collaboration