

Sutton Oak C of E Primary School  
Computing Programme of Study

<b>Year Group</b>	<b>Unit Title</b>	<b>Unit Summary</b>	<b>Computing Focus</b>
1	We are treasure hunters	Using programmable toys	Programming
1	We are TV chefs	Filming a recipe	Computational Thinking
1	We are painters	Illustrating an eBook	Creativity
1	We are collectors	Finding images using the web	Networks
1	We are storytellers	Producing a talking book	Communication / Collaboration
1	We are celebrating	Creating a card electronically	Productivity
2	We are astronauts	Programming on screen	Programming
2	We are game testers	Exploring how computer games work	Computational thinking
2	We are photographers	Taking, selecting and editing digital images	Creativity
2	We are researchers	Researching a topic	Computer networks
2	We are detectives	Communicating clues	Communication / Collaboration
2	We are zoologists	Recording bug hunt data	Productivity
3	We are programmers	Programming an animation	Programming
3	We are bug fixers	Finding and correcting bugs in programs	Computational thinking
3	We are presenters	Videoing a performance	Creativity
3	We are network engineers	Exploring computer networks, including the internet	Computer networks
3	We are communicators	Communicating safely on the internet	Communication / Collaboration
3	We are opinion pollsters	Collecting and analysing data	Productivity
4	We are software developers	Developing a simple educational game	Programming
4	We are toy makers	Prototyping an interactive toy	Computational thinking
4	We are musicians	Producing digital music	Creativity
4	We are HTML editors	Editing and writing HTML	Computer networks
4	We are co-authors	Producing a wiki	Communication / Collaboration
4	We are meteorologists	Presenting the weather	Productivity
5	We are game developers	Developing an interactive game	Programming
5	We are cryptographers	Cracking codes	Computational thinking
5	We are artists	Fusing geometry and art	Creativity
5	We are web developers	Creating a web page about cyber safety	Computer networks
5	We are bloggers	Sharing experiences and opinions	Communication / Collaboration
5	We are architects	Creating a virtual space	Productivity
6	We are app planners	Planning the creation of a mobile app	Computer networks
6	We are project managers	Developing project management skills	Computational thinking
6	We are market researchers	Researching the app market	Productivity
6	We are interface designers	Designing an interface for an app	Communication / Collaboration
6	We are app developers	Developing a simple mobile phone app	Programming
6	We are marketers	Creating video and web copy for a mobile phone app	Creativity

Links for parents to support the Computing curriculum:

- **KS1 and KS2 Programme of Study:** [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239033/PRIMARY\\_national\\_curriculum\\_-\\_Computing.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239033/PRIMARY_national_curriculum_-_Computing.pdf)
- **Computing guidance for parents:** <http://academy.bcs.org/parents>
- **BBC Bitesize guides and videos:** <http://www.bbc.co.uk/education/subjects/zyhbwmn>