

## Winslow CE School Computing Curriculum Overview Boost 'Switched on Computing'

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<b>We are treasure hunters</b> Using programmable toys	<b>We are TV chefs</b> Filming the steps of a recipe	<b>We are digital artists</b> Creating work inspired by great artists	<b>We are publishers</b> Creating a multimedia eBook about our achievements	<b>We are rhythmic</b> Creating sound patterns in ScratchJr and GarageBand	<b>We are detectives</b> Using data to solve clues
2	<b>We are Astronauts</b> Programming on screen	<b>We are games testers</b> Exploring how computer games work	<b>We are photographers</b> Taking better photos	<b>We are safe researchers</b> Researching a topic	<b>We are animators</b> Creating a stop-motion animation	<b>We are zoologists</b> Collecting data about bugs
3	<b>We are programmers</b> Programming an animation	<b>We are bug fixers</b> Finding and correcting bugs	<b>We are presenters</b> Videoing a presentation against a green screen	<b>We are who we are</b> Creating presentations about ourselves	<b>We are co-authors</b> Producing a wiki	<b>We are opinion pollsters</b> Collecting and analysing data
4	<b>We are software developers</b> Developing a simple educational game	<b>We are makers</b> Coding for micro:bit	<b>We are musicians</b> Creating a piece of music in GarageBand	<b>We are bloggers</b> Sharing experiences and opinions	<b>We are artists</b> Fusing geometry and art	<b>We are meteorologists</b> Recording and presenting the weather
5	<b>We are game developers</b> Developing an interactive game	<b>We are cryptographers</b> Cracking codes	<b>We are architects</b> Creating a virtual space	<b>We are web developers</b> Creating a website about cyber safety	<b>We are adventure gamers</b> Creating an interactive adventure using presentation software	<b>We are VR designers</b> Experimenting with virtual and augmented reality
6	<b>We are toy makers</b> Coding and physical computing	<b>We are computational thinkers</b> Mastering algorithms for searching, sorting maths	<b>We are publishers</b> Creating a yearbook or magazine	<b>We are connected</b> Developing skills for social media	<b>We are advertisers</b> Creating a short television advert	<b>We are AI developers</b> Learning about artificial intelligence and machine learning

### Colour key

	Computer Science: Coding
	Computer Science: Computational thinking
	Information Technology: Creativity
	Information Technology: Media
	Information Technology: Data
	Digital Literacy: Online safety