

Computing Units Overview and Cross-Curricular Links

At Stechford Primary School, Reception follows the ‘Kapow Computing’ scheme and KS1 and KS2 follow the ‘Switched On Computing’ scheme. These schemes provide learning opportunities and progression across the areas of: Computer Science, Information Technology, Digital Literacy, Creativity, Collaboration and Computational Thinking; and an appropriate level of challenge. The units are taught in the order outlined below.

The information in red identifies how the unit, where possible, has been linked to other parts of the curriculum – Topic (Geography / History), Science, Art, DT and other subject work that year groups will cover each term.

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	We are computer explorers.	We are treasure hunters. Topic: Through the Keyhole	We are astronauts.	We are presenters. Topic: Food Glorious Food	We are software developers. Maths: Timestables (MTC)	We are game developers.	We are publishers. Topic: Blitz and Bang! / English: WWII
	We are programmers 1: Algorithms.	We are digital artists. Topic: Through the Keyhole / Art	We are photographers. PE	We are programmers.	We are bloggers. Topic: Carpe Diem	We are web developers. Topic: Raids & Resistance	We are advertisers. Topic: Blitz and Bang!
Spring	We are hardware explorers.	We are publishers. Science: Weather and Habitats	We are games testers. Skills in English, Maths, Science and PE	We are who we are. Topic: How Big Is Our Carbon Footprint	We are makers.	We are cryptographers. Topic: To Infinity & Beyond	We are connected. Topic: Catastrophe! / English
	We are programmers 2: Bee-Bots.	We are TV chefs. DT: Animal Biscuits	We are safe researchers. Topic: Walking with Dinosaurs	We are bug fixers.	We are musicians. Topic: Bats, Cats & Lemurs	We are architects. Topic: To Infinity & Beyond / Science: Earth & Space	We are toy makers. Design Technology
Summer	We are data handlers.	We are rhythmic. Science: Seasonal Change	We are animators. DT: Textiles Hand Puppets	We are co-authors. Topic: Groovy Greeks	We are artists. Science: Sound, Art and RE	We are VR designers. Topic: Ain't No Mountain High Enough	We are computational thinkers. Maths
	Review of computing skills.	We are detectives.	We are marine biologists. Oceans & Sea Life	We are opinion pollsters. Science: Nutrition / Topic: How Big Is Our Carbon Footprint	We are meteorologists. Topic: Row, Row, Row Your Boat	We are adventure gamers. Topic: Ain't No Mountain High Enough	We are AI developers. Transition: Careers