

Computing: Unit Focus Overview



Computing Strands: Digital Literacy (including e-Safety), Information Technology, Computer Science Programming, Computer Science Theory

Some of these units are 1 or 2 lessons, others (including programming units) will need a lesson per week for most of a half-term. Delivery has some flexibility after Christmas, though ideally programming will be revisited again in the summer term.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Technology Around Us Using a computer responsibly	On the move Pantasaurus	Safer Internet Day	Beebots Mary Lou Jepsen	Simple inputs	Steve Jobs
Year 2	Information technology in the world Safe use of information technology	Different sorts of inputs Pantasaurus	Safer Internet Day	Green screen Charles Babbage	Buttons and instructions	Ada Lovelace
Year 3	Parts of a digital device Gaming e-safety	Sequence & animation Pantasaurus	Safer Internet Day	Dorcas Muthoni	Conditional events (selection)	Tim Berners-Lee
Year 4	Websites & Apps for me	Introduction to variables Pantasaurus	Safer Internet Day	Bill Gates	Repetition and loops	Martha Lane Fox
Year 5	Trust everything on the web?	Speed, direction and coordinates Pantasaurus	Safer Internet Day	CAD (Sketchup) Marissa Mayer	Random numbers and simulations	Ajay Bhatt Barney & Echo / Jigsaw
Year 6	Communicating responsibly	More complex variables Pantasaurus	Alan Turing Safer Internet Day		Presentations Grace Hopper	Object properties Let's Fight It Together