

Computing Road Map

Computational thinking: 1. Logic 2. Evaluation 3. Algorithm 4. Pattern 5. Decomposition 6. Abstraction 7. Tinkering 8. Creating 9. Debugging 10. Persevering 11. Collaborating

Online safety: 1. Self-image and identity 2. Online relationships 3. Online reputation 4. Online bullying 5. Managing online information 6. Health, well-being and lifestyle 7. Privacy and security 8. Copyright and ownership



	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
Computer Systems and Network	Follow rules Show resilience and perseverance in the face of a challenge Develop small motor skills to use a range of tools competently Know and talk about factors to support health and well-being such as sensible amounts of 'screen time'	Technology around us	IT around us	Connecting computers	The Internet	Sharing information	Communication
Creating media		Digital writing Digital painting Digital design	Making music Digital photography	3D design - keyrings Desktop publishing	Animation 3D design	Vector drawing Photo editing Web design	3D design - Inkstamps Splash screen animation
Data and information		Grouping data	Pictograms	Branching databases	Collecting and presenting data	Flat-file databases	Spreadsheets
Programming		Code.org Course A	Robot algorithm Code.org Course C	Scratch - Sequencing in music Microbits - Input in games	Scratch - Repetition in shapes Repetition in games	Selection in quizzes	Scratch - variables in games Microbit - sensing