



St Cecilia's Catholic Primary School
Computing planning overview



	Autumn	Spring	Summer
Year 1	<u>Computer science:</u> Physical computing- Bee Bots & Sequencing through Code Safari app <u>Online safety:</u> Beyond the Avatar Caring for Our Devices Icky Feelings What Is Media? Why We Pause for People <u>IT & Digital Literacy:</u> Word processing and functional skills: Text and images. Creating media and Audio visual.	<u>Computer science:</u> Sequencing through Code Studio <u>Online safety:</u> Choosing Kindness How Media Makes Me Feel Media Balance Is Important Saying Goodbye to Tech <u>IT & Digital Literacy:</u> Data, Information and Pictograms. Computers and Networks, Technology Around Us	<u>Computer science:</u> Loops and events, through Code Studio. <u>Online safety</u> Beyond the Avatar Fact or Fiction? Standing Up for Others What Is a Digital Footprint? <u>IT & Digital Literacy:</u> Modelling, Music and Media (3) Music Technology
Year 2	<u>Computer Science:</u> Physical Bee-Bots <u>Online safety:</u> Curiosity Tellers Internet Traffic Light Managing Device Distractions Pause & Think Online Words Can Help or Hurt <u>IT & Digital Literacy:</u> Word Processing & Functional Skills. Digital Books. Creating Media & Digital Photography	<u>Computer Science:</u> Sequencing, ALEX app, Box Island app & Code Studio to Debug <u>Online safety:</u> How Tech Connects Us What's the Purpose? My Digital Footprint Understanding Ads <u>IT & Digital Literacy:</u> Data handling Computers and Networks. Digital Technology Around Us	<u>Computer Science:</u> Loops through Code Studio Course B: Lessons 7, 8 & 9. Events and Impact of Computing- Code Studio Course B: Lessons 12, 13 <u>Online safety:</u> Autoplay: Helpful or Not? Fact vs. Opinion Is It OK to Share? Step In, Step Out <u>IT & Digital Literacy:</u> Modelling, Music and Media. Digital Art
Year 3	<u>Computer Science:</u> Sequencing through Code Studio Course C: Lessons 3-6 Debugging. <u>Online safety:</u> Be a Super Digital Citizen Including Others When Using Tech Keeping Online Accounts Safe	<u>Computer Science:</u> Loops through Code Studio Course C: Lesson 8- 10 Events through Code Studio Course C: Lessons 12 & 13 <u>Online safety:</u> Dealing with Online Meanness Device-Free Moments	<u>Computer Science:</u> Events through Code Studio Course C: Lesson 17. Physical Computing- Micro bits <u>Online safety:</u> Digital Trails Sincere Apologies.



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	Using Tech to Learn New Things We, the Digital Citizens <u>IT & Digital Literacy:</u> Word Processing & Functional Skills. Text and Graphics Creating Media, Publishing.	Exploring Search Results How to Search Online <u>IT & Digital Literacy:</u> Data and Information. Branching Databases. Computers and Networks. Computers and the Internet	That's Private! Who Is in Your Online Community? <u>IT & Digital Literacy:</u> Modelling, Music and Media. Audio Visual Media
Year 4	<u>Computer Science:</u> Sequencing and Debugging through Code Studio Course D: Lesson 3 & 4 Events through Code Studio Course D: Lesson 6 - 8 <u>Online safety:</u> Gaming Safely Online Making Healthy Media Choices Our Digital Citizenship Charter Our Digital Footprints Privacy Doors Protecting Our Online Accounts <u>IT & Digital Literacy:</u> Word Processing & Functional Skills. Advanced Text and Graphics. Creating Media & Animation	<u>Computer Science:</u> Repetition - Loops through Code Studio Course D: Lesson 10/11 Nested Loops and Conditionals, through Code Studio Course D: Lesson 12&14 <u>Online safety:</u> Finding the Source Need Space or Repair? Handling Online Hurt Perfectly Altered Resolving Conflicts Online Trending Now! When Words Hurt Online <u>IT & Digital Literacy:</u> Copyright and Ownership Data and Information/ Data Logging. Computers and Networks. Online Images & Photo editing	<u>Computer Science:</u> Conditionals through Code Studio Course D: Lesson 15- 17. Physical Computing: Micro:bits <u>Online safety:</u> Digital Identity Iceberg Expressing Ourselves Online Is It Just a Joke? Our Rings of Responsibility Outsmarting Attention Thieves Pen Pals in a Connected World <u>IT & Digital Literacy:</u> Modelling, Music and Media. Vector Graphics
Year 5	<u>Computer Science:</u> Sprites and Events through Code Studio Course E Lessons 3/4 Game design through Code Studio Course E: Lessons 6 - 8	<u>Computer Science:</u> Functions through Code Studio Course E: Lessons 12-14 Conditionals through Code Studio Course E: Lesson 15	<u>Computer Science:</u> Conditionals and Functions, through Code Studio Course E: Lesson 16/17. Physical Computing - Micro:bits



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	<u>Online safety:</u> Communicating Clearly Online Media and our emotions Personally Identifiable Information What's the risk factor? S.T.A.N.D. Up to Cyberbullying SIFT for sources <u>IT & Digital Literacy:</u> Word Processing & Functional Skills. Presentations, Creating Media & Video Editing	<u>Online safety:</u> Brain Battle Game Group Chat Dynamics Online Tracks: What Do We Control? Gone Phishing Spotting Thinking Traps Understanding Influencers <u>IT & Digital Literacy:</u> Data and Information, Databases, Computers Networks, Systems and Searches.	<u>Online safety:</u> Healthy Tech Habits & Our Feelings How Online Meanness Escalates M.E.N.D.ing Friendships Online Reputations & Our Responsibilities Peer pressure online Slicing Up Media with P.I.E. <u>Artificial Intelligence:</u> Understanding and using AI <u>IT & Digital Literacy:</u> Modelling, Music and Media Podcasting
Year 6	<u>Computer Science:</u> Sprites and behaviours, events and inputs, through Code Studio Course F: Lessons 2-4 <u>Online safety:</u> Creating Device-Free Moments Challenging Stereotypes Dealing with Cyberbullying Friends vs Followers Sharenting Slip-ups Tracking You: Taking Control of Your Privacy <u>IT & Digital Literacy:</u> Computers and Networks, Advanced Internet Use, Creating Media and	<u>Computer Science:</u> Inputs and creating variables through Code Studio Course F: Lessons 7-11 <u>Online safety:</u> Media Frames Online risk radar Remix Responsibly Spotting Media Influence Tricky Tech Game Understanding Design Tricks <u>IT & Digital Literacy:</u>	<u>Computer Science:</u> Machine learning through Code Studio Course F: Lessons 13/14 Extended Coding and Physical Computing -Micro:bits <u>Online safety:</u> Media Frames - Looking Beyond the Headlines Online risk radar Remix Responsibly Spotting Media Influence Tricky Tech Game Understanding Design Tricks <u>Artificial Intelligence:</u>



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	Website Creation	Data and Information, Spreadsheets, Word Processing, Functional Skills and Collaboration & Communication	AI and Machine Learning and the issue of Deep Fake. <u>IT & Digital Literacy:</u> Modelling, Music, Media and 3D Modelling
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Computer Science: Lessons and resources from Code Studio - 2026 course.

Online Safety Lessons: Resources and lessons from Common sense media.