



St Cecilia's Catholic Primary School  
Computing planning overview



	Autumn	Spring	Summer
Year 1	<p><b><u>Computer science:</u></b> Physical computing- Bee Bots &amp; Sequencing through Code Safari app</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Smartie the Penguin Jessie and Friends: Watching Videos</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Word processing and functional skills: Text and images. Creating media and Audio visual.</p>	<p><b><u>Computer science:</u></b> Sequencing through Code Studio</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Hanni and the Magic Window Media Balance Is Important</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Data, Information and Pictograms. Computers and Networks, Technology Around Us</p>	<p><b><u>Computer science:</u></b> Loops and events, through Code Studio.</p> <p><b><u>Digital literacy &amp; Online safety :</u></b> Safety in My Online Neighbourhood Pause for People</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Modelling, Music and Media (3) Music Technology</p>
Year 2	<p><b><u>Computer Science:</u></b> Physical Bee-Bots</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Smartie the Penguin Jessie &amp; Friends: Sharing Images (1)</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Word Processing &amp; Functional Skills. Digital Books. Creating Media &amp; Digital Photography</p>	<p><b><u>Computer Science:</u></b> Sequencing, ALEX app, Box Island app &amp; Code Studio to Debug</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Jessie &amp; Friends How Technology Makes You Feel</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Data handling Computers and Networks. Digital Technology Around Us</p>	<p><b><u>Computer Science:</u></b> Loops through Code Studio Course B: Lessons 7, 8 &amp; 9. Events and Impact of Computing- Code Studio Course B: Lessons 12, 13</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Internet Traffic Lights (1) Pause and Think Online (1)</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Modelling, Music and Media. Digital Art</p>
Year 3	<p><b><u>Computer Science:</u></b> Sequencing through Code Studio Course C: Lessons 3-6 Debugging.</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> That's Private! Let's Give Credit!</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Word Processing &amp; Functional Skills. Text and Graphics Creating Media, Publishing.</p>	<p><b><u>Computer Science:</u></b> Loops through Code Studio Course C: Lesson 8- 10 Events through Code Studio Course C: Lessons 12 &amp; 13</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Device-Free Moments Digital Trails (1)</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Data and Information. Branching Databases. Computers and Networks. Computers and the Internet</p>	<p><b><u>Computer Science:</u></b> Events through Code Studio Course C: Lesson 17. Physical Computing- Micro bits</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Putting a STOP to Online Meanness Who Is in Your Online Community?</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Modelling, Music and Media. Audio Visual Media</p>



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Year 4	<p><b><u>Computer Science:</u></b> Sequencing and Debugging through Code Studio Course D: Lesson 3 &amp; 4 Events through Code Studio Course D: Lesson 6 - 8</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Rings of Responsibility This is me - Online</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Word Processing &amp; Functional Skills. Advanced Text and Graphics. Creating Media &amp; Animation</p>	<p><b><u>Computer Science:</u></b> Repetition - Loops through Code Studio Course D: Lesson 10/11 Nested Loops and Conditionals, through Code Studio Course D: Lesson 12&amp;14</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Our Digital Citizenship Pledge Seeing is Believing</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Copyright and Ownership Data and Information/ Data Logging. Computers and Networks. Online Images &amp; Photo editing</p>	<p><b><u>Computer Science:</u></b> Conditionals through Code Studio Course D: Lesson 15- 17. Physical Computing: Micro:bits</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Password Powerup The Power of Words</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Modelling, Music and Media. Vector Graphics</p>
Year 5	<p><b><u>Computer Science:</u></b> Sprites and Events through Code Studio Course E Lessons 3/4 Game design through Code Studio Course E: Lessons 6 - 8</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Private and personal Information (1) A Creator's Rights and Responsibilities (1)</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Word Processing &amp; Functional Skills. Presentations, Creating Media &amp; Video Editing</p>	<p><b><u>Computer Science:</u></b> Functions through Code Studio Course E: Lessons 12-14 Conditionals through Code Studio Course E: Lesson 15</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Digital Citizenship Online Tracks</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Data and Information, Databases, Computers Networks, Systems and Searches.</p>	<p><b><u>Computer Science:</u></b> Conditionals and Functions, through Code Studio Course E: Lesson 16/17. Physical Computing - Micro:bits</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> My Media Choices Keeping Games Fun and Healthy</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Modelling, Music and Media Podcasting</p>



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Year 6	<p><b><u>Computer Science:</u></b> Sprites and behaviours, events and inputs, through Code Studio Course F: Lessons 2-4</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> You Won't Believe this! Reading the News</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Computers and Networks, Advanced Internet Use, Creating Media and Website Creation</p>	<p><b><u>Computer Science:</u></b> Inputs and creating variables through Code Studio Course F: Lessons 7-11</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Digital Friendship Cyberbullying</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Data and Information, Spreadsheets, Word Processing, Functional Skills and Collaboration &amp; Communication</p>	<p><b><u>Computer Science:</u></b> Machine learning through Code Studio Course F: Lessons 13/14 Extended Coding and Physical Computing -Micro:bits</p> <p><b><u>Digital literacy &amp; Online safety:</u></b> Beyond Gender Stereotypes (1) Media balance (1)</p> <p><b><u>IT &amp; Digital Literacy:</u></b> Modelling, Music, Media and 3D Modelling</p>
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*Computer Science: Lessons and resources from Code Studio - 2024 course.*

*Digital Literacy & Online Safety Lessons: Resources and lessons from Common sense media.*