



# Computing/ICT Curriculum Overview 2024-25



## Pathway: Skills for Life

| Year                        | Autumn 1<br>4 Sep – 25 Oct  | Autumn 2<br>4 Nov- 20 Dec   | Spring 1<br>6 Jan- 14 Feb  | Spring 2<br>24 Feb- 4 Apr                                       | Summer 1<br>22 Apr- 23 May   | Summer 2<br>2 June- 18 July                                     |
|-----------------------------|---|---|--|---|--|---|
| <b>Digital Citizenship:</b> | <b>My digital promise</b>   | <b>Cyberbullying and hate speech</b>  | <b>Digital footprint and identity</b>  | <b>Privacy and security</b>                                     | <b>Relationships and communication</b>   | <b>News and media literacy</b>                                  |
| <b>7</b>                    | <b>Digital literacy:</b><br>School network system, computers and networks                     | <b>Digital literacy:</b><br>Web page elements, project                                      | <b>Programming:</b><br>Algorithms, repetition, selection   | <b>Robotics:</b><br>Evolution of robots, projects               | <b>Graphics:</b><br>Digital graphics, Paint tools                                  | <b>Graphics:</b><br>Digital graphics, Vector graphics           |
| <b>8</b>                    | <b>Digital literacy:</b><br>Patterns  | <b>Digital literacy:</b><br>Patterns  | <b>Programming:</b><br>Programming Quizzes   | <b>Robotics:</b><br>Evolution of robots, projects               | <b>Graphics:</b><br>Digital graphics, Paint tools                                  | <b>Graphics:</b><br>Digital graphics, Vector graphics           |
| <b>9</b>                    | <b>Digital literacy:</b><br>Formatting digital documents                                      | <b>Digital literacy:</b><br>Web page elements Project                                       | <b>Robotics:</b><br>Algorithms, Repetition, Selection  | <b>Robotics:</b><br>Evolution of robots, projects               | <b>Graphics:</b><br>3D designing   | <b>Graphics:</b><br>3D printing                                 |
| <b>10</b>                   | <b>Digital literacy:</b><br>Creating and presenting information                               | <b>Digital literacy:</b><br>Creating and presenting information                             | <b>Digital literacy:</b><br>Creating and presenting information  | <b>Digital literacy:</b><br>Creating and presenting information | <b>Digital literacy:</b><br>Creating and presenting information                    | <b>Digital literacy:</b><br>Creating and presenting information |
| <b>11</b>                   | <b>Digital literacy:</b><br>Formatting digital documents                                      | <b>Media:</b><br>History of shadow theatre, research skills, laser cut for figurines making | <b>Media project:</b><br>Preparing script, using laser cutter for making props   | <b>Media project:</b><br>Following script, creating videos      | <b>Media project:</b><br>Following script, editing skills                          | <b>Media project:</b><br>Feedback and improvement               |
| <b>Skills for life</b>      | <b>Using media to create art:</b><br>Using IT to create different types of artwork. Graphics. |   | <b>Using a computer to search:</b><br>Using search engines to research different topics and programmes to compose information documents. |   | <b>Using technology for leisure:</b><br>Exploring online gaming and entertainment. |   |



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## Pathway: Vocational

| Year                        | Autumn 1<br>4 Sep-25Oct   | Autumn 2<br>4Nov- 20 Dec                                | Spring 1<br>6 Jan- 14 Feb                                | Spring 2<br>24 Feb- 4 Apr                         | Summer 1<br>22 Apr- 23 May                        | Summer 2<br>2 June- 18 July                           |
|-----------------------------|---|---|--|---|---|---|
| <b>Digital Citizenship:</b> | <b>My digital promise</b>   | <b>Cyberbullying and hate speech</b>                    | <b>Digital footprint and identity</b>                    | <b>Privacy and security</b>                       | <b>Relationships and communication</b>            | <b>News and media literacy</b>                        |
| <b>7</b>                    | <b>Digital literacy:</b><br>School network system, computers and networks | <b>Digital literacy:</b><br>Web page elements, project  | <b>Programming:</b><br>Algorithms, repetition, selection | <b>Robotics:</b><br>Evolution of robots, projects | <b>Graphics:</b><br>Digital graphics, Paint tools | <b>Graphics:</b><br>Digital graphics, Vector graphics |
| <b>8</b>                    | <b>Digital literacy:</b><br>Formatting digital documents                  | <b>Digital literacy:</b><br>Web page elements, project  | <b>Programming:</b><br>Algorithms, Repetition Selection  | <b>Robotics:</b> Evolution of robots, projects    | <b>Graphics:</b><br>Digital graphics, Paint tools | <b>Graphics:</b><br>Digital graphics, Vector graphics |
| <b>9</b>                    | <b>Digital literacy:</b><br>Formatting digital documents                  | <b>Digital literacy:</b><br>Binary number               | <b>Robotics:</b><br>Robotics competition                 | <b>Robotics:</b><br>Robotics competition          | <b>Graphics:</b><br>3D designing                  | <b>Graphics:</b><br>3D printing                       |
| <b>10</b>                   | <b>Digital Skills:</b><br>Emails, Formatting digital documents            | <b>Digital Skills:</b><br>Spreadsheets, Maths functions | <b>Digital Skills:</b><br>Maths formulas, Data           | <b>Digital Skills:</b><br>Preparation for exams   | <b>Digital Skills:</b><br>Preparation for exams   | <b>Digital Skills:</b><br>Preparation for exams       |
| <b>11</b>                   | <b>Digital Skills:</b><br>Emails, Formatting digital documents            | <b>Digital Skills:</b><br>Spreadsheets, Maths functions | <b>Digital Skills:</b><br>Maths formulas, Data           | <b>Digital Skills:</b><br>Preparation for exams   | <b>Digital Skills:</b><br>Preparation for exams   | <b>Digital Skills:</b><br>Preparation for exams       |



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## 6<sup>th</sup> Form: Pre-Vocational

| Year                        | Autumn 1<br>4 Sep-25Oct   | Autumn 2<br>4Nov- 20 Dec   | Spring 1<br>6 Jan- 14 Feb                                   | Spring 2<br>24 Feb- 4 Apr                                    | Summer 1<br>22 Apr- 23 May  | Summer 2<br>2 June- 18 July                                   |
|-----------------------------|---|--|---|--|---|---|
| <b>Digital Citizenship:</b> | <b>My digital promise</b>   | <b>Cyberbullying and hate speech</b>                                   | <b>Digital footprint and identity</b>                       | <b>Privacy and security</b>                                  | <b>Relationships and communication</b>                                    | <b>News and media literacy</b>                                |
| <b>Pre Voc 1</b>            | <b>Digital Skills:</b><br>Emails<br>Formatting  | <b>Digital Skills:</b><br>Spreadsheets, Maths functions                | <b>Digital Skills:</b><br>Maths formulas<br>Data            | <b>Digital Skills:</b><br>Preparation for exams.             | <b>Digital Skills:</b><br>Preparation for exam                            | <b>Digital Skills:</b><br>Preparation for exams               |
| <b>Pre Voc 2</b>            | <b>Spreadsheet:</b><br>The basics, formulas and functions                                     | <b>Spreadsheet:</b><br>Conditional formatting<br>Data                  | <b>Project management:</b> Using IT in project management   | <b>Project management:</b><br>Using IT in project management | <b>Media:</b><br>Representation<br>Planning digital artefact              | <b>Media:</b><br>Producing and presenting a digital artefact  |
| <b>Pre Voc 3</b>            | <b>IT and the world of work:</b><br>The modern world of work<br>Technology and accessibility. | <b>IT and the world of work:</b><br>Cloud computing,<br>Remote working | <b>Spreadsheet:</b><br>The basics<br>Formulas and functions | <b>Spreadsheet:</b><br>Conditional formatting<br>Data        | <b>Media:</b><br>Representation audiences<br>Planning a digital artefact. | <b>Media:</b><br>Producing and presenting a digital artefact. |