#### St Anne's Computing Overview 2023-24

Year 1

|                      | Autumn 1                              | Autumn 2   | Spring 1                          | Spring 2                                  | Summer 1                             | Summer 2                                |
|----------------------|---------------------------------------|--|-----------------------------------|---|--------------------------------------|---|
| NCCE                 | 2. Creating media  – Digital painting | 1. Computing systems and networks – Technology around us | 3. Programming A – Moving a robot | 6. Programming B - Programming animations | 5. Creating media  – Digital writing | 4. Data and information – Grouping data |
| Code Studio Course A | Coding Safari<br>App                  | Code Studio<br>Lessons 2 & 4                             | Box Island app<br>Beebot App      | Code Studio<br>Lessons 5 & 6              | Code Studio<br>Lessons 8, 9 & 10     | Code Studio<br>Lesson 12                |
| E-Safety             | Smartie the<br>Penguin (A)            | <u>Jessie and</u> <u>Friends:</u> <u>Watching Videos</u> | Smartie the<br>Penguin (B)        | <u>Media Balance</u>                      | Safety in My Online Neighbourhood    | Pause for People                        |

#### Year 2

|                         | Autumn 1                                    | Autumn 2                            | Spring 1  | Spring 2                          | Summer 1                               | Summer 2                             |
|-------------------------|---|-------------------------------------|---|-----------------------------------|--|--------------------------------------|
| NCCE                    | 2. Creating media  - Digital photography    | 3. Programming A – Robot algorithms | 1. Computing systems and networks – IT around us            | 5. Creating media - Digital music | 6. Programming B - Programming quizzes | 4. Data and information – Pictograms |
| Code Studio<br>Course B | A.L.E.X app<br>Box Island                   | Jam Sandwich<br>Algorithms          | Code Studio<br>Lesson 3 & 4                                 | Code Studio<br>Lessons 5 & 7      | Code Studio<br>Lessons 8 & 9           | Code Studio<br>Lesson 12             |
| E-Safety                | <u>Hanni and the</u><br><u>Magic Window</u> | Jessie & Friends<br>Sharing Images  | <u>Jessie and</u><br><u>Friends Playing</u><br><u>Games</u> | How Technology<br>Makes You Feel  | Internet Traffic<br>Light              | Pause and Think Online               |

Year 3

|                         | Autumn 1                             | Autumn 2   | Spring 1                                 | Spring 2  | Summer 1                                | Summer 2                                      |
|-------------------------|--------------------------------------|--|--|---|---|---|
| NCCE                    | 3. Programming A - Sequencing sounds | 1. Computing systems and networks – Connecting computers | 2. Creating media - Stop-frame animation | 6. Programming B - Events and actions in programs | 5. Creating media  - Desktop publishing | 4. Data and information – Branching databases |
| Code Studio<br>Course C | Code Studio<br>Lesson 3              | Code Studio<br>Lesson 4 & 5                              | Code Studio<br>Lesson 8 & 9              | Code Studio<br>Lesson 10 & 11                     | Code Studio<br>Lesson 12 & 13           | Code Studio<br>Lesson 16                      |
| E-Safety                | <u>That's Private!</u>               | <u>Device-Free</u><br><u>Moments</u>                     | Let's Give Credit                        | <u>Digital Trails</u>                             | Putting a STOP to<br>Online Meanness    | <u>Online</u><br><u>Community</u>             |

Year 4

|                         | Autumn 1                           | Autumn 2                                | Spring 1                               | Spring 2   | Summer 1                              | Summer 2                               |
|-------------------------|------------------------------------|---|--|--|---------------------------------------|--|
| NCCE                    | 5. Creating media  - Photo editing | 3. Programming A – Repetition in shapes | 4. Data and information – Data logging | 1. Computing systems and networks – The Internet | 2. Creating media  - Audio production | 6. Programming B – Repetition in games |
| Code Studio<br>Course D | Code Studio<br>Lesson 5            | Code Studio<br>Lesson 6 & 7             | Code Studio<br>Lesson 9 & 10           | Code Studio<br>Lesson 11                         | Code Studio<br>Lesson 13 & 14         | Code Studio<br>Lesson 15 & 16          |
| E-Safety                | Rings of Responsibility            | Our Digital<br>Citizenship<br>Pledge    | <u>This is Me</u>                      | The Power of<br>Words                            | <u>Password</u><br><u>Powerup</u>     | <u>Is Seeing</u><br><u>Believing?</u>  |

#### Year 5

|                         | Autumn 1  | Autumn 2                              | Spring 1   | Spring 2                                      | Summer 1   | Summer 2                                |
|-------------------------|---|---------------------------------------|--|---|--|---|
| NCCE                    | 1. Computing systems and networks - Systems and searching | 2. Creating media  - Video production | 3. Programming A – Selection in physical computing | 4. Data and information – Flat-file databases | 5. Creating media  - Introduction to vector graphics | 6. Programming B – Selection in quizzes |
| Code Studio<br>Course E | Code Studio<br>Lesson 3 & 4                               | Code Studio<br>Lesson 6 & 7           | Code Studio<br>Lesson 10 & 11                      | Code Studio<br>Lesson 12 & 13                 | Code Studio<br>Lesson 14                             | Code Studio<br>Lesson 17                |
| E-Safety                | My Media<br>Choices                                       | Private and Personal Information      | Online Tracks                                      | Keeping Games Fun and Friendly                | <u>Digital</u><br><u>Citizenship</u>                 | A Creator's Rights and Responsibilities |

Year 6

|                         | Autumn 1  | Autumn 2                                | Spring 1                              | Spring 2   | Summer 1                         | Summer 2                            |
|-------------------------|---|---|---------------------------------------|--|----------------------------------|-------------------------------------|
| NCCE                    | 1. Computing systems and networks - Communication and collaboration | 2. Creating media  - Web page  creation | 3. Programming A – Variables in games | 4. Data and information - Introduction to Spreadsheets | 5. Creating media – 3D Modelling | 6. Programming B - Sensing movement |
| Code Studio<br>Course F | Code Studio<br>Lesson 2, 3 & 4                                      | Code Studio<br>Lesson 6, 7 & 8          | Code Studio<br>Lesson 10 & 11         | Code Studio<br>Lesson 12 & 14                          | Code Studio<br>Lesson 16         | Lightbot<br>(Procedures)            |
| E-Safety                | Reading News<br>Online  | <u>Media Balance</u>                    | <u>Digital Friendship</u>             | You Won't<br>Believe This                              | <u>Cyber Bullying</u>            | <u>Gender</u><br><u>Stereotypes</u> |