

# St Nicolas' Computing Curriculum Map 2026 - 2027

Our Christian values are **respect, honesty, love and friendship, peace, thankfulness and courage**

**Jesus said, 'I am the vine and you are the branches.'**

| RE               | autumn                                                                                                                                                                                                                                                | spring                                                                                                                                                                                                                                                | summer                                                                                                                                                                                                                                                                                                                                                |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reception</b> | <p>Listen to and play digital stories</p> <p>Talk about digital devices</p> <p>Use technology to learn about the world</p> <p>Use a mouse to click and drag</p> <p>Find the letters of my name on the keyboard</p> <p>Ask questions about devices</p> | <p>Take a photograph</p> <p>Use a digital device to make pictures, videos and music</p> <p>Record my voice on a digital device</p> <p>Talk about what I am doing on an iPad</p> <p>Complete a paint project</p> <p>Use technology in my role play</p> | <p><b>Know that passwords help to keep information safe and talk about ways to keep safe when using a digital device</b></p> <p>Count, sort and group information</p> <p>Make toys work using buttons and switches</p> <p>Put instructions in order</p> <p>Plan a route for a friend or a Beebot</p> <p>Programme a Beebot to reach a destination</p> |
| <b>Y1</b>        | <p>Computing systems and networks – Technology around us</p> <p>Creating media – Digital painting</p>                                                                                                                                                 | <p>Programming A – Moving a robot</p> <p>Data and information – grouping data</p>                                                                                                                                                                     | <p>Creating media – Digital writing</p> <p>Programming B – Introduction to animation</p>                                                                                                                                                                                                                                                              |
| <b>Y2</b>        | <p>Computing systems and networks – IT around us</p> <p>Creating media – Digital photography</p>                                                                                                                                                      | <p>Programming A – Robot algorithms</p> <p>Data and information - Pictograms</p>                                                                                                                                                                      | <p>Creating media – Making music</p> <p>Programming B – An introduction to quizzes</p>                                                                                                                                                                                                                                                                |
| <b>Y3</b>        | <p>Computing systems and networks – Connecting computers</p> <p>Creating media - Animation</p>                                                                                                                                                        | <p>Programming A – sequence in music</p> <p>Data and information – Branching databases</p>                                                                                                                                                            | <p>Creating media – Desktop publishing</p> <p>Programming B – Events and actions</p>                                                                                                                                                                                                                                                                  |
| <b>Y4</b>        | <p>Computing systems and networks – The internet</p> <p>Creating media – Audio editing</p>                                                                                                                                                            | <p>Programming A – Repetition in shapes</p> <p>Data and information – Data logging</p>                                                                                                                                                                | <p>Creating media – photo editing</p> <p>Programming B – Repetition in games</p>                                                                                                                                                                                                                                                                      |
| <b>Y5</b>        | <p>Computing systems and networks – Sharing information</p> <p>Creating media – Video editing</p>                                                                                                                                                     | <p>Programming A – Selection in physical computing - Crumble</p> <p>Data and information – flat file data bases</p>                                                                                                                                   | <p>Creating media – Vector drawing</p> <p>Programming B – Selection in quizzes</p>                                                                                                                                                                                                                                                                    |
| <b>Y6</b>        | <p>Computing systems and networks – communication</p> <p>Creating media – Web page creation</p>                                                                                                                                                       | <p>Programming A – Variables in games</p> <p>Data and information - Spreadsheets</p>                                                                                                                                                                  | <p>Creating media – 3D modelling</p> <p>Programming B – Sensing &amp; Microbits</p>                                                                                                                                                                                                                                                                   |