



"I am the way, the truth and the life." (John 14:6)

We place our children at the heart of all we do, inspired by the love, life and teachings of Jesus.

## <u>We aim to:</u>

Nurture, Prepare, Support, Enable

**Computing Curriculum Overview 2022-23** 

|        | Autumn 1   | Autumn 2                                   | Spring 1   | Spring 2  | Summer 1                                  | Summer 2  |
|--------|--|--|--|---|---|---|
| Year 1 | Computing systems<br>and networks –<br>Technology around<br>us | Creating media<br>– Digital<br>painting    | Programming<br>A – Moving a<br>robot                     | Data and<br>information –<br>Grouping data          | Creating media<br>– Digital writing       | Programming B<br>— Introduction<br>to animation     |
| Year 2 | Computing systems<br>and networks – IT<br>around us            | Creating media<br>– Digital<br>photography | Programming<br>A – Robot<br>algorithms                   | Data and<br>information –<br>Pictograms             | Creating media<br>– Making music          | Programming B<br>– An<br>introduction to<br>quizzes |
| Year 3 | Computing systems<br>and networks –<br>Connecting<br>computers | Creating media<br>– Animation              | Programming<br>A – Sequence<br>in music                  | Data and<br>information –<br>Branching<br>databases | Creating media<br>– Desktop<br>publishing | Programming B<br>– Events and<br>actions            |
| Year 4 | Computing systems<br>and networks – The<br>Internet            | Creating media<br>– Audio editing          | Programming<br>A – Repetition<br>in shapes               | Data and<br>information –<br>Data logging           | Creating media<br>– Photo editing         | Programming B<br>– Repetition in<br>games           |
| Year 5 | Computing systems<br>and networks –<br>Sharing information     | Creating media<br>– Vector<br>drawing      | Programming<br>A – Selection<br>in physical<br>computing | Data and<br>information –<br>Flat-file<br>databases | Creating media<br>– Video editing         | Programming B<br>– Selection in<br>quizzes          |
| Year 6 | Computing systems<br>and networks –<br>Communication           | Creating media<br>– 3D Modelling           | Programming<br>A – Variables<br>in games                 | Data and<br>information –<br>Spreadsheets           | Creating media<br>– Web page<br>creation  | Programming B<br>– Sensing                          |