## All Saints' Computing Long Term Plan 2023-2024

| Year | Autumn 1                             | Autumn 2             | Spring 1                        | Spring 2                     | Summer 1           | Summer 2                         |
|------|--------------------------------------|----------------------|---------------------------------|------------------------------|--------------------|----------------------------------|
|      | Computing systems and network        | Creating media       | Programming A                   | Data and Information         | Creating media     | Programming B                    |
| 1    | Technology around us                 | Digital painting     | Moving a robot                  | Grouping data                | Digital writing    | Programming animations           |
| 2    | Information and technology around us | Digital photography  | Robot algorithms                | Pictograms                   | Making music       | Programming quizzes              |
| 3    | Connecting computers                 | Stop frame animation | Sequencing sounds               | Branching databases          | Desktop publishing | Events and actions in programmes |
| 4    | The internet                         | Audio production     | Repetition in shapes            | Data logging                 | Photo editing      | Repetition in games              |
| 5    | Systems and searching                | Video production     | Selection in physical computing | Flat-file databases          | Vector drawing     | Selection in quizzes             |
| 6    | Communication and collaboration      | 3D Modelling         | Variables in games              | Introduction to spreadsheets | Webpage creation   | Sensing movement                 |

Curriculum taken from <u>Teach Computing</u> www.teachcomputing.org