# St John & St James' C of E Primary School
# Computing Curriculum Overview

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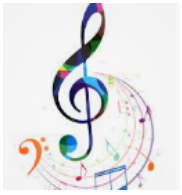
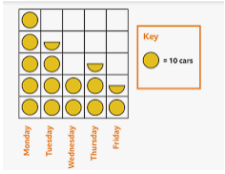
|---|---|---|---|---|---|---|
| **EY FS** | **Nursery**<br>- All children onto Google Classroom with the support of their parents.<br>- Simple on and off iPads.<br>- Take photos using iPads or point and shoot cameras. Begin to understand what makes a good photo.<br>- Beebots and simple remote control devices<br>- Knows that information can be retrieved from devices and the internet.<br>- E-Safety: Smartie the Penguin Circle Time | | | **Reception**<br>- All children onto Google Classroom with the support of their parents.<br>- Develops digital literacy skills by being able to access, understand and interact with a range of technologies.<br>- Busy Things introduced through whole class activities.<br>- Understand that IWB can respond to touch and choose how to change their marking.<br>- Take photos using ipads or point and shoot cameras.<br>- Increase understanding of what makes a good photo.<br>- Use of positional language and directions through stories eg. Rosies walk. Leads on to use of Beebots and directions.<br>- E-Safety: Smartie the Penguin Circle Time | | |
| | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Year 1** | Technology around us<br> | Multimedia: Graphics<br> | Digital Writing<br> | Programming: Beebots<br> | Programming: Hour of Code<br> | Data<br> |
| **Year 2** | Systems and Networks<br> | Multimedia: Graphics<br> | Creating Music<br>  | Programming: Hour of Code<br> | Multimedia: ebooks<br> | Data: Pictograms<br>  |
| **Year 3** | ICT: Connecting Computers<br> | Multimedia: Animation<br> | Programming: Sequence in Music<br> | ICT: Desktop publishing<br> | Programming: Hour of Code<br> | Data: Databases<br> |

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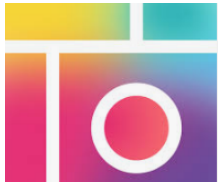
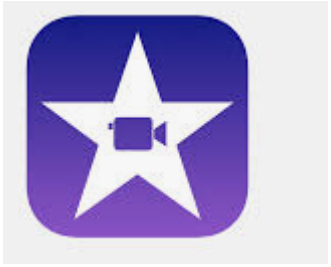
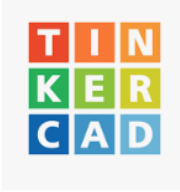
| **Year 4** | ICT: The Internet | Multimedia: Audio Editing | Programming: Hour of Code | Programming: Repetition in programming | Multimedia: Photo editing  | Data: Data Logging |
| **Year 5** | ICT: Sharing Information | Multimedia : Vector drawing | Multimedia: Video Production  | Programming: Hour of Code | Programming: Selections in Quizzes | Data: Flat file databases |
| **Year 6** | ICT: Communication and collaboration | Multimedia: 3D modelling   | Programming: Variables in games | Programming: Hour of Code | Multimedia: We are Publishers! Yearbooks (Computers/iPads) | Data: Spreadsheets |