**Ss. John and Monica Catholic Primary School**

**Computing Curriculum Overview – 2018/19**

In the Autumn Term, children begin the year by learning what it means to be digitally literate. This includes the proper use of technology and how best to stay safe online. We follow the sequence of lessons as devised by the South West Grid for Learning, which are listed below and can be researched further here: <https://digital-literacy.org.uk/curriculum-overview/>.

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| **Autumn Term** | | | | | |
| Reception | ‘Going Places Safely’ | ‘A-B-C Searching’ | ‘Keep it Private’ | ‘My Creative Work’ | ‘Sending Email’ |
| Year 1 | ‘Going Places Safely’ | ‘A-B-C Searching’ | ‘Keep it Private’ | ‘My Creative Work’ | ‘Sending Email’ |
| Year 2 | ‘’Staying Safe Online’ | ‘Follow the Digital Trail’ | ‘Screen Out the Mean’ | ‘Using Keywords’ | ‘Sites I Like’ |
| Year 3 | ‘Powerful Passwords’ | ‘My Online Community’ | ‘Things for Sale’ | ‘Show Respect Online’ | ‘Writing Good Emails’ |
| Year 4 | ‘Rings of Responsibility’ | ‘Private and Personal Information’ | ‘The Power of Words’ | ‘The Key to Keywords’ | ‘Whose Is It, Anyway?’ |
| Year 5 | ‘Strong Passwords’ | ‘Digital Citizenship Pledge’ | ‘You’ve Won a Prize!’ | ‘How to Cite a Site’ | ‘Picture Perfect’ |
| Year 6 | ‘Talking Safely Online’ | ‘Super Digital Citizen’ | ‘Privacy Rules’ | ‘What’s Cyberbullying?’ | ‘Selling Stereotypes’ |

From roughly the Spring Term onwards, each class will then complete a series of activities relating to computer science, in which they are required to programme and debug a series of algorithms. We use the international series of activities as provided by [www.code.org](http://www.code.org) that are broken down for each year group and can be researched further here: <https://code.org/educate/curriculum/cs-fundamentals-international>. In Reception, the children are broadly exposed to the fundamentals of coding.

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| **Spring Term** | |
| Reception | Broad Exposure |
| Year 1 | CSF International: Course 1 (Levels 1-9) |
| Year 2 | CSF International: Course 1 (Levels 10-18) |
| Year 3 | CSF International: Course 2 |
| Year 4 | CSF International: Course 3 |
| Year 5 | CSF International: Course 4 |
| Year 6 | CSF International: Accelerated Course |

Throughout the year, children also make use of various software using different devices to design and create content for a specific goal. This is typically achieved through cross-curricular teaching.