

# St Mary's and St Benedict's RC Primary School

## Yearly Curriculum Overview – Computing



|             |                                                                                                                                                                                                  |                                                 |                                      |                                                  |                               |                             |                                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------|--------------------------------------------------|-------------------------------|-----------------------------|-----------------------------------|
| EYFS        | Although Technology is no longer a strand in the Early Years Framework, children are taught about how to use technology safely and how to be safe online through the 2Be Safe online curriculum. |                                                 |                                      |                                                  |                               |                             |                                   |
| EYFS        | 2 Be Safe Online                                                                                                                                                                                 | Self-image and identity<br>Online relationships | Online Reputation<br>Online Bullying | Health, Wellbeing and Lifestyle                  | Privacy and Security          | Managing Online Information | Copyright and Ownership           |
|             |                                                                                                                                                                                                  | Autumn 1                                        | Autumn 2                             | Spring 1                                         | Spring 2                      | Summer 1                    | Summer 2                          |
| Key Stage 1 | Cycle A                                                                                                                                                                                          | Creative Curriculum<br>(4 weeks)                | Data Exploring<br>(6 weeks)          | Creating and Following Instructions<br>(6 weeks) | Animated Stories<br>(6 weeks) | Coding<br>(6 weeks)         | Technology Around Us<br>(4 weeks) |

Information Technology - Blue

Computer Science - Red

Digital Literacy - Yellow

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|  | 2 Be Safe<br>Online<br>Cycle A | Self-image and<br>identity<br>Online relationships                    | Online<br>Reputation<br>Online Bullying | Health, Wellbeing<br>and Lifestyle | Privacy and<br>Security      | Managing Online<br>Information | Copyright and<br>Ownership    |
|--|--------------------------------|-----------------------------------------------------------------------|-----------------------------------------|------------------------------------|------------------------------|--------------------------------|-------------------------------|
|  |                                | Route Explorers<br><br>(4 weeks)<br><br>The Internet<br><br>(4 weeks) | Creating<br>Pictures<br><br>(5 weeks)   | Spreadsheets<br><br>(5 weeks)      | Questioning<br><br>(4 weeks) | Coding<br><br>(6 weeks)        | Making Music<br><br>(3 weeks) |
|  | 2 Be Safe<br>Online<br>Cycle B | Self-image and<br>identity<br>Online relationships                    | Online<br>Reputation<br>Online Bullying | Health, Wellbeing<br>and Lifestyle | Privacy and<br>Security      | Managing Online<br>Information | Copyright and<br>Ownership    |

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|                   |                                | Autumn 1                                            | Autumn 2                    | Spring 1                                                  | Spring 2                | Summer 1                       | Summer 2                   |
|-------------------|--------------------------------|-----------------------------------------------------|-----------------------------|-----------------------------------------------------------|-------------------------|--------------------------------|----------------------------|
| Lower Key Stage 2 | Cycle A                        | Email<br>(6 weeks)                                  | Route Planners<br>(5 weeks) | Spreadsheets<br>(6 weeks)                                 | Coding<br>(6 weeks)     | Presentations<br>(5 weeks)     | Micro:bit<br>(4 weeks)     |
|                   | 2 Be Safe<br>Online<br>Cycle A | Self-image and<br>identity<br><br>Online Reputation | Online<br>relationships     | Online Bullying<br><br>Health, Wellbeing<br>and Lifestyle | Privacy and<br>Security | Managing Online<br>Information | Copyright and<br>Ownership |

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|--|--------------------------------|-----------------------------------------------------|---------------------------------------|-----------------------------------------------------------|-------------------------|--------------------------------|----------------------------|
|  |                                | Animation                                           | Unpacking<br>Hardware and<br>Software | Logo                                                      | Effective<br>Searching  | Coding                         | Introduction to<br>AI      |
|  | Cycle B                        | (6 weeks)                                           | (4 weeks)                             | (4 weeks)                                                 | (4 weeks)               | (6 weeks)                      | (4 weeks)                  |
|  | 2 Be Safe<br>Online<br>Cycle A | Self-image and<br>identity<br><br>Online Reputation | Online<br>relationships               | Online Bullying<br><br>Health, Wellbeing<br>and Lifestyle | Privacy and<br>Security | Managing Online<br>Information | Copyright and<br>Ownership |

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|                   |                                | Autumn 1                                               | Autumn 2                                    | Spring 1                           | Spring 2                     | Summer 1                                | Summer 2                   |
|-------------------|--------------------------------|--------------------------------------------------------|---------------------------------------------|------------------------------------|------------------------------|-----------------------------------------|----------------------------|
| Upper Key Stage 2 | Cycle A                        | Databases<br>(4 weeks)                                 | Spreadsheets<br>(6 weeks)                   | Coding<br>(6 weeks)                | Word Processing<br>(6 weeks) | Coding External<br>Devices<br>(6 weeks) | Micro:bit<br>(4 weeks)     |
|                   | 2 Be Safe<br>Online<br>Cycle A | Self-image and<br>identity<br><br>Online relationships | Online<br>Reputation<br><br>Online Bullying | Health, Wellbeing<br>and Lifestyle | Privacy and<br>Security      | Managing Online<br>Information          | Copyright and<br>Ownership |

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|  |                            |                                                 |                                      |                                 |                           |                             |                                                        |
|--|----------------------------|-------------------------------------------------|--------------------------------------|---------------------------------|---------------------------|-----------------------------|--------------------------------------------------------|
|  |                            | Blogging<br>(4 weeks)                           | Data Detectives<br>(4 weeks)         | Coding<br>(6 weeks)             | Spreadsheets<br>(6 weeks) | Binary<br>(4 weeks)         | Micro:bit<br>(4 weeks)                                 |
|  | Cycle B                    | Networks<br>(4 weeks)                           |                                      |                                 |                           |                             |                                                        |
|  | 2Be Safe Online<br>Cycle B | Self-image and identity<br>Online relationships | Online Reputation<br>Online Bullying | Health, Wellbeing and Lifestyle | Privacy and Security      | Managing Online Information | Managing Online Information<br>Copyright and Ownership |