

**Year 8 Computing**

**Year 8 Computing Curriculum Information**

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|  | **Key Question:** | **Content:** | **Skill Focus:** |
| **Term 1:** | How can we think like a computer? | * Decomposition * Abstraction * Pattern Recognition * Algorithms | Creating flowcharts  Writing algorithms |
| **Term 2:** | How do digital graphics work and how do we create content for the web? | * Digitisation * Binary number * Hexadecimal colours * HTML * CSS * Javascript | Evaluate graphics  Photo editing  Vector graphic creation  Creating a video game cover  Creating static HTML pages  Styling HTML with CSS  Adding functionality with Javascript |
| **Term 3:** | What is cyber security? | * Hacking * Network security * Phishing * Social Engineering | Problem solving  Investigation  Presenting information |

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| **Assessment** | **Time/Venue** | **What will be assessed?** |
| 1 : Linking to Term 1 | * Assessment held in-class * 1hr * Teacher assessed | Subject knowledge recall |
| 2: Linking to Term 2 | * Assessment held in-class * 1hr * Teacher assessed | Subject knowledge recall |
| 3: Section 3 covers all three Terms | * Assessment held in-class * 1hr * Teacher assessed | Subject knowledge recall |

**Year 8 Computing Assessment Information**