**KS3 COMPUTING - CURRICULUM PLAN**

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| **Year** | **Autumn Term** | **Spring Term** | **Summer Term** |
| **7** | Using computers safely & effectively:   * Internet Safety. * Internet and Web Browsers. * Searching the Web. * Using Microsoft Office. | Spreadsheet Modelling:   * How to use Excel. * Summarizing Data. * Excel Charts. * Introduction to Databases. | Introduction to Coding:   * Algorithms. * Computational Thinking. * Making games with Scratch. * Coding languages. |
| **8** | Understanding Computers:   * Binary and Memory * Representing Text and Numbers * Image Representation * Sound Representation * Representing Images | Spreadsheet Modelling:   * How to use Excel. * Summarizing Data. * Excel Charts. * Introduction to Databases. | Coding with Python:   * Stings and variables * Numbers and arithmetic * Writing algorithms * While loops and searching |