

*Inspiring and enabling our school community to live life to the full*



**YEAR 6**

**Subject: Computing**  
**Unit: Introduction to Spreadsheets**

We aim to equip pupils to use computational thinking and creativity to understand and change the world; to become digitally literate –using, and expressing themselves and developing their ideas through, information and communication technology. They will build on this knowledge and understanding, becoming equipped to use information technology to create programs, systems and a range of content– at a level suitable for the future workplace and as active participants in a digital world

**Characteristics of an Effective Learner**

Courage  
Commitment  
Collaboration  
Creativity  
Curiosity

|  |  |
|--|--|
| <p><b>Prior Learning:</b><br/>Key concepts from Education for a connected World: managing information online<br/>Year 1 Data and information<br/>Year 2 Data and information: Pictograms<br/>Year 3 Branching Databases<br/>Year 4 Data and information logging<br/>Year 5 Data and information – flat-file databases</p>  | <p><b>Key Vocabulary taught in this unit:</b><br/>Data, collecting, table, structure, spreadsheet, cell, cell reference, data item, format, formula, calculation, input, output, calculate, operation, duplicate, sigma, propose, question, organised, chart, evaluate, results, comparison, software, tools</p> |
| <p><b>Intent: What do we want the children to know, be able to do by the time they complete this unit?</b></p> <ul style="list-style-type: none"><li>• <b>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a arrange of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</b><br/>Create a data set in a spreadsheet; collect data, select formatting; explain formulas; apply formulas; choosing ways to present data</li></ul> |  |
| <p><b>Impact / Outcome:</b><br/><b>What will the final product / result be?</b><br/>Pupils will use tools within spreadsheet program to plan and calculate the cost of an event. They will use this information to answer questions about their spreadsheet.</p>   |  |
| <p><b>P4C Inquiry (where appropriate)</b><br/>N/A</p>  |  |