

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



YEAR 5

Subject: Computing
Unit: Flat-file Databases

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>Prior Learning: Key concepts from Education for a connected World: Year 1 Data and information Year 2 Data and information: Pictograms Year 3 Branching Databases Year 4 Data and information logging</p>	<p>Key Vocabulary taught in this unit: Database, data, information, record, field, sort, order, group, search, criteria, value, graph, chart, axis, compare, filter, presentation.</p>
<p>Intent: What do we want the children to know, be able to do by the time they complete this unit?</p> <ul style="list-style-type: none">• 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. Navigate a flat-file database to compare different vies of information, group information to answer questions, select appropriate charts to compare data,• Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content Choose which field to sort data by to answer a given question, use AND and Or to refine data, use a filter to select particular data	
<p>Impact / Outcome: What will the final product / result be? Pupils will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems.</p>	
<p>P4C Inquiry (where appropriate) N/A</p>	