

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



**YEAR 3**

**Subject: Computing**  
**Unit: Branching 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

<b>Prior Learning:</b> Key concepts from Education for a connected World: Year 1 Data and information Year 2 Data and information: Pictograms	<b>Key Vocabulary taught in this unit:</b> Attribute, value, questions, table, objects, branching database, database, equal, even, separate, structure, compare, order, organise, j2data, selecting, pictogram, information, decision tree
<b>Intent: What do we want the children to know, be able to do by the time they complete this unit?</b> <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> Choice and use of information for databases</li><li>• <b>Use technology safely, respectfully and responsibly, recognise acceptable/unacceptable behaviour, identify a range of ways to report concerns about content and contact.</b> Use of online database tool j2data</li></ul>	
<b>Impact / Outcome:</b> <b>What will the final product / result be?</b> During this unit, learners will develop their understanding of what a branching database is and how to create one. They will gain an understanding of what attributes are and how to use them to sort groups of objects by using yes/no questions. The learners will create physical and on-screen branching databases. Finally, they will evaluate the effectiveness of branching databases and will decide what types of data should be presented as a branching database.	
<b>P4C Inquiry (where appropriate)</b> N/A	