Lodge Farm Primary School- Knowledge Organiser

Computing Topic: Branching Databases 3.6

Year: 3 **Term:** Summer 1

Key Knowledge/Content:
- To sort objects using just 'yes' or 'no' questions.
- To complete a branching database using 2Question.
- To create a branching database of the children's choice.

Links to:
Prior learning:
- Questioning
- Spreadsheets

Future learning:
- Spreadsheets
- Databases

Key vocabulary with definition:
Prior Vocabulary
- Binary Tree - Another name for a branching database.
- Data - A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.

New Vocabulary
- Branching database - Used to classify groups of objects. It is used to help identify the objects by answering questions with either 'yes' or 'no'. Branching databases can also be called binary trees.
- Database - A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.
- Debugging - The process of identifying and removing errors from computer hardware or software.

By the end of this unit
All children can: learn how to **create** a branching database that accomplishes a given goal.

Most children can: **create** a branching database and are able to successfully **debug** it to improve the quality of their digital content creation.

Some children can: **make** their own branching databases, collating and organising data by sets of questions they have considered appropriate

Background understanding for teachers and parents:
Children will be classifying and grouping objects in order to create a branching database. They will create binary trees and keys.

Curriculum Driver (one):
Communication
Evidence outcome:
Know how to understand and present data.