

St George's Central CE Primary School and Nursery

Computing Y3/4 – What does the data show?

What will we learn:

- 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.

Prior Learning

In Y1/2 I learnt:

- To learn about data handling tools that can give more information than pictograms.
- To use yes/no questions to separate information.
- To construct a binary tree to identify items.
- To use 2Question (a binary tree database) to answer questions.
- To use a database to answer more complex search questions.
- To use the Search tool to find information.

Resources that are going to help me achieve my learning.



Future Learning in Year 5/6

To learn how to search for information in a database.

To contribute to a class database.

To create a database around a chosen topic.

To make a quiz that requires the player to search a database

Vocabulary

Branching Database	A computer simulation is a program that models a real-life situation. They let you try things out that would be too difficult or dangerous to do in real life.
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.
Question	Something that is asked or written to try and gain information.
Data	Facts and statistics collected together for information.

Fun Facts:

- A database is a computerised system that makes it easy to search, select and store information. Databases are used in many different places.
- If you owned a sports shop and had lots of different types of equipment you might want to keep a record of them. To do this, you could draw and put them on the wall. You could also store all of the details in a database.
- When you want to borrow a book from a library you can browse their 'catalogue'. This is a database and it makes it easier to find what you are looking for.
- Doctors used to keep all the details about patients on record cards in a filing cabinet. Now they are all stored in a database.
- In 1960, Charles W. Bachman designed the Integrated Database System

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