St George's Central CE Primary School and Nursery

Computing Y5/6 – Computing – What does the data show?

What will we learn:

-To learn how to search for information in a database.
- To contribute to a class database.
- To create a database around a chosen topic.

Prior Learning

In Y3/4 I learnt:

- 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

Resources that are going to help me achieve my learning.

2Investigate   Avatar builder
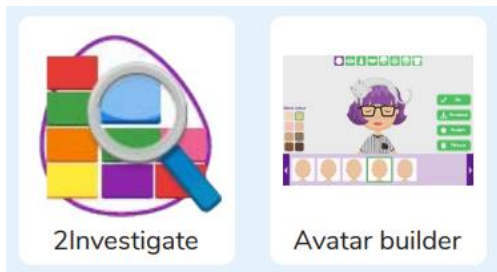
Future Learning in Year KS3

Design, use and evaluate computational abstractions that model the state and behaviour of real-world problems

Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users

Vocabulary

Binary Tree	A way to sort information by dividing the information into groups based upon questions with yes or no answers.
Charts	Representing information in a pictorial form.
Collaborative	Produced by, or involving, two or more parties working together
Data	Facts and statistics collected together for information.
Sort, Group and Arrange	Different ways to sort information in a database to it is easy to read, understand and interpret.
Statistics and Reports	To produce information about data in a database.
Table	Sorting information into rows and columns.

What is a 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.

Why is the collaborative feature important?
Making a database collaborative allows lots of people to enter information into the database at the same time. This is a lot quicker than one person entering the data by themselves.

In what ways can I sort information in a database?
A database can hold lots of information so it is essential that information can be effectively investigated. In 2Investigate, data can be searched and sorted in a variety of ways. It can also be presented pictorially.

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