

Computing — Year 2 (Summer)

Grouping, Sorting and Classifying Data

Key vocabulary to remember and use in your learning

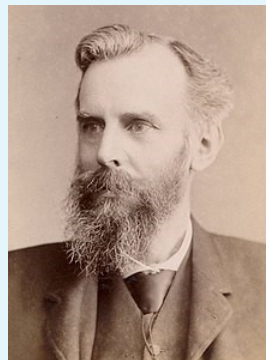
database	A system on a computer that stores data, making it easier to search for and select the information you want.
branching (database)	Sometimes called a binary tree, these are a way of classifying objects based on certain criteria using yes/no questions.
identify	To use a branching database to pick out the name or key details of a given object.
sort	The act of putting things that are similar into groups.
classify	Sorting similar things into groups and labelling them.
criteria	The reason that you group things is the criteria—the characteristic that makes them similar.
debug	To fix errors—in this case in the branches or questions.

Key knowledge to know and use

- A branching tree database is a way of classifying groups of objects using yes or no questions.
- They are called branching because each time a question is asked there can only be two answers and so two branches.
- Good questions are ones that are specific, so that they identify a difference between two or more objects.
- The internet is a series of computers and enormous storage areas, all over the world, connected together.
- A network is a series of computers that are connected together.
- The internet is a network: when you are online, your computer is connected to millions of others.

Online Safety—What is the internet?

The internet is a series of computers and enormous storage areas, all over the world, connected together. When you are online, your computer is connected to millions of others. It is very easy to meet strangers online.



John Venn

In 1881, the English mathematician John Venn published a book called Symbolic Logic. In it, he introduced the first ever Venn Diagram, which uses overlapping circles to compare data.

