

Year 3—Data and information

Branching databases

Previous learning

Year 1

Data and information - Grouping data:

I know that object labels tell me what something is.

I know how to use object labels to sort and group objects.

Year 2

Data and information – Pictograms:

I know what a tally chart is and that it can be used to collect data by creating notches in a table.

I know that data can be input in software on a computer such as excel and then made into tables.

Year 3

Computing systems and networks – Connecting computers:

I know that digital devices have inputs.

I know that digital devices have processes.

I know that digital devices have outputs.

I know that devices that are connected make a network.

Know how to download data onto a device.

Know that computer networks such as the internet can provide a number of services.

Key information

Data is used all of the time in and out of school.

Companies and schools can use data to know and track students results or to show what money has been spent on.

Technology makes it easier to compare this data which allows people to see where there is a mistake or how they can boost performance.

Branching databases help people to identify a specific object, it could be used by a bird spotter identifying a bird or a builder identifying a material or tool.

Curriculum links

NC links

- Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish a given goal.

Key Vocabulary

Data	Facts and statistics collected together for reference or analysis.
Information	Facts provided or learned about something or someone.
Database	A structure set of data held in a computer, especially one that is accessible in various ways.
Branching	Divide into one or more subdivisions or 'branches'.
Structure	The arrangement of and relations between the parts or elements of something complex.
Format	The way in which something is arranged or set out.
Attribute	Qualities and characteristics of something that describe and identify it.
Identifier	Something that recognizes who or what something is.

Why are databases useful?

