

Year 5—Data and information

Flat-file 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 collected 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

Data and information – Branching databases:

I know that branch databases can be created using technology such as excel.

I know that branch databases are used to identify an object based on attributes.

I know that objects can be grouped using yes/no questions.

Year 4

Data and information – Data logging:

I know data is collected over time to show change.

I know data loggers are used to collect accurate scientific data.

Know how to edit data stored on a device such as editing audio or video using a range of programs such as iMovie.

Key information

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

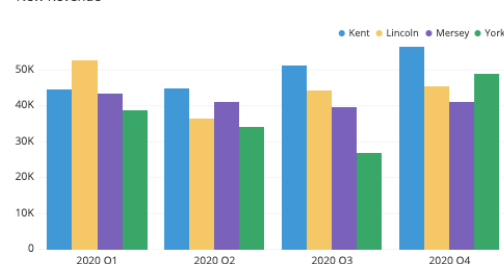
Companies and schools can use data to know and track students results or to show what money has been spent on.

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

Databases are useful but you need to find the best representation for that data to be easily readable and explainable.

Why are data-bases useful?

New Revenue



Curriculum links

NC links

- Use search technology effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital

Key Vocabulary

Data	Facts and statistics collected together for reference or analysis.
Analyse	Examine something methodically and in detail, normally so you can explain it.
Database	A structure set of data held in a computer, especially one that is accessible in various ways.
Visual	How something looks.
Structure	The arrangement of and relations between the parts or elements of something complex.
Compare	Looking at multiple things together and seeing how their attributes can differ or be the same.
Attribute	Qualities and characteristics of something that describe and identify it.
Search engine	A tool that can be used on technology to search for specific things, such as Google or Bing.

	Expenses	Amount
1	Rent	7000
2	Grocery	3000
3	Transport	800
4	Current	300
5	School fee	2000
6	Savings	1900
7		
8		
9		
10		
11		
12		
13		

