

## Flat-file Databases

I can explore, design, create and analyse databases.

A database is a collection of numbers, text or images that are stored in a computer that can be searched and changed.

**Data** - types include number, text and image

**Database** - collection of records

**Record** - collection of fields of data

**Field** - individual heading in a record

**Search** - puts matching records and fields in a group.

**Sort** - organise and group selected data

**AND** - search for two criteria  
**OR** - search for either criteria

Age = 16 AND  
Boared = Southampton

**Text** - words  
**Numeric** - number

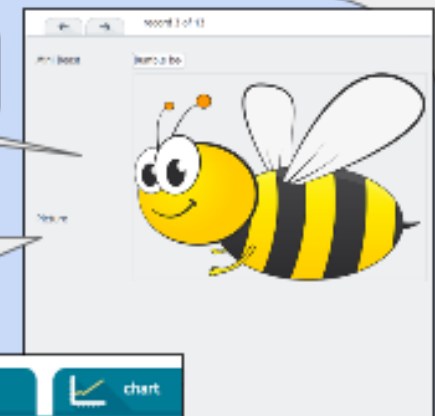
= equal to  
> greater than  
< less than

Search a database

How many legs = 6

Record - this record is about a bumblebee

Field = individual headings in a record



define form table chart

search sort by Country Name

record 2 of 24

Country Name	United Kingdom
Area	242,495 km <sup>2</sup>
Population	64100000
Language	English
	
	Great British Pounds

Record

Fields