

Kit's Clever Computing Guide: Unlocking Databases

Step into the Data Den with Kit the Fox: Organise, Search, and Discover!

- A database is an organised collection of structured information, stored electronically so that it can be easily accessed, managed, and updated by a computer.
- Each row in a database table is called a 'record', which holds all the information relating to one specific item or person.
- A 'field' is a single piece of data within a record, such as a surname, a date of birth, or a price in £.
- To find specific information, we use a 'query', which is a request for the database to search through records and display only the data that matches our criteria.
- A 'primary key' is a unique identifier given to every record, ensuring that no two pieces of information are confused with one another.

Did you know? Did you know? The very first databases were physical filing cabinets! Today, digital databases can store billions of pieces of information, allowing a computer to find a single, specific fact in a fraction of a second.

Key vocabulary: Database · Record · Field · Query · Primary Key · Data Structure