

Kit's Guide to Clever Data Handling

Master the Maze of Information: Turn Messy Data into Digital Gold!

- **Data is any information that has been collected, such as the number of different coloured cars in a car park or the heights of plants in a garden.**
- **A database is an organised collection of structured information that makes it easy for computers to search, update, and sort through records quickly.**
- **In a spreadsheet, information is stored in a grid of rows and columns, where each 'field' holds a specific piece of information, like a name or a price in £.**
- **Choosing the right type of chart—like a bar chart or a line graph—helps us to spot patterns and trends that might be hidden in a list of numbers.**
- **Data handling is not just about numbers; it is about asking the right questions and ensuring our information is accurate and reliable before we present it.**

Did you know? Did you know? Before computers were invented, librarians used handwritten index cards to store data. If a library had a million books, that was a mountain of paper! Today, Kit the Fox can search through millions of records in a fraction of a second using a digital database.

Key vocabulary: Database · Spreadsheet · Record · Field · Chart · Categorise · Variable · Digital