



Computing (Information Technology) – Year 6

Are computers good at Maths?

Big Idea:

Understand how data is stored, organised, and used to represent real-world situations.

What should I already know?

- How to present information collaboratively using online platforms.
- How to use transitions and animations on a presentation app.

What will I know by the end of this unit?

- How to collect, present, analyse and evaluate data using a spreadsheet.
- How to use formulas and formatting to display data quickly and effectively.

Google Sheets:

The screenshot shows a Google Sheet titled 'Ashleigh Maths Tracker'. The spreadsheet has columns for Name, Arithmetic (40), Reasoning 1 (35), Reasoning 2 (35), and Combined (110). Rows list children from A to S. A formula bar shows '=SUM(B2:D2)'. A 'Conditional format rules' panel is open on the right, showing a rule for 'Single colour' applied to range 'E2' with the format 'Is not empty'. Labels with red arrows point to: 'Data Set' (the spreadsheet data), 'Insert Chart' (the chart icon), 'Formula Box' (the formula bar), 'Conditional Formatting' (the conditional format rules panel), and 'Share Slides' (the share button).

Key vocabulary:

Data	Facts and statistics collected together.
Spreadsheet	An electronic document in which data is shown.
Formula	Equations in spreadsheets that do calculations.
Formatting	A way of programming a piece of data to change appearance depending on its value.
Collection	The way in which data is gathered.
Graphs/Charts	The ways in which data is presented visually rather than just numbers.
Interpret	The information we get from a set of data.
Sort	The way we can organise data to make it easier to read.