# Kit's Computing Data Detectives

*Learning objective: I can identify and organise information using simple data handling tools.*

*About 15 minutes. Grown-up tip: Use these cards to quiz your child while on the bus or waiting for dinner.*

Read the front of the card to see the term or question. Think of the answer before checking the back. Here is an example: 'What is a tally?' | Answer: A way to record counting using groups of five lines.

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| **What is data?** | Data is a collection of facts, numbers, or information. |
| **What tool do we use to count objects quickly using lines?** | A tally chart. |
| **In a tally, what does a diagonal line through four upright lines represent?** | The number 5. |
| **What is a pictogram?** | A chart that uses pictures to show how many of something there are. |
| **What is a key in a pictogram?** | A guide that tells you what each picture is worth. |
| **What chart uses coloured bars to show the value of data?** | A bar chart. |
| **On a bar chart, what does the horizontal axis usually show?** | The different categories being counted. |
| **On a bar chart, what does the vertical axis usually show?** | The scale or number of items. |
| **If I have 12 apples, how would I show this in a tally?** | Four upright lines with one diagonal, then another group of four upright lines with one diagonal, then two upright lines. |
| **Why do we use data handling?** | To organise information so it is easier to understand and compare. |