Kit’s Clever Computing: Organising Our World with Data

About 15 minutes. Grown-up tip: Ask your child to count the different types of fruit in your kitchen and help them draw a simple tally chart.

Data is just information! When you count things, use a tally chart. Always draw a key for your pictograms. For example, if one symbol = 2 hedgehogs, then two symbols = 4 hedgehogs.

- **What is a tally chart used for when counting items in the playground?**
- **Why do we use a 'key' on a pictogram when the numbers are large?**
- **If a bar chart has a scale going up in 2s, what does a bar ending halfway between 4 and 6 represent?**
- **How can you tell which category has the highest frequency by looking at a bar chart?**
- **If Mo counts 12 robins and 8 foxes, how many more robins did he see than foxes?**

Did you know? Did you know? Computers store all their information as data. Even your favourite games are made of millions of tiny pieces of data arranged in a clever order!

Key vocabulary: Data · Tally · Frequency · Pictogram · Bar Chart · Scale