

Key Knowledge

- Know that collecting and storing information in an organised way helps with answers to questions.
- Know that information can be held as numbers, choices (such as yes/no) or words.
- Know that information can be taken from pictures or text.
- Know that ICT can be used to store and sort information.
- Enter data into a graph and answer questions.
- Solve an investigation and present the results in graphic form.
- Sort objects using just 'yes' or 'no' questions.
- Complete a branching database using 2Question.

Key Vocabulary

Branching Database	Used to classify groups of objects. It is used to help identify the objects by answering questions with either 'yes' or 'no'. Branching databases can also be called binary trees.
Chart	A diagram that represents data. Charts include graphs and other diagrams such as pie charts or flowcharts.
Data	A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.
Database	A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.
Graph	A diagram that represents data. There are specific layouts for graphs including bar graphs and line graphs.
Sorting	Organising data by a rule such as alphabetical or numerical.
Tally Chart	A way of recording how often something happens by counting in fives.

Key Questions

What different kinds of graphs are there?

What is meant by data?

