



Key Learning:

To use a form to record information

- I can create a database using cards
- I can explain how information can be recorded
- I can order, sort, and group my data cards

To compare paper and computer-based databases

- I can explain what a field and a record is in a database
- I can navigate a flat-file database to compare different views of information
- I can choose which field to sort data by to answer a given question

To outline how you can answer questions by grouping and then sorting data

- I can explain that data can be grouped using chosen values
- I can group information using a database
- I can combine grouping and sorting to answer specific questions

To explain that tools can be used to select specific data

- I can choose which field and value are required to answer a given question
- I can outline how 'AND' and 'OR' can be used to refine data selection
- I can choose multiple criteria to answer a given question

To explain that computer programs can be used to compare data visually

- I can select an appropriate chart to visually compare data
- I can refine a chart by selecting a particular filter
- I can explain the benefits of using a computer to create charts

To use a real-world database to answer questions

- I can ask questions that will need more than one field to answer
- I can refine a search in a real-world context
- I can present my findings to a group

Vocabulary:

database, data, information, record, field, sort, order, group, search, value, criteria, graph, chart, axis, compare, filter, presentation