

Collecting and Organising Data

Chapter 14: Data Handling · Topic 1

Key Concept

Collecting data means gathering information systematically, like asking a question to many people and recording each response.

Organising data means arranging the collected information into a clear table or list, showing categories and their counts.

A well-organised data table has clear headings, making it easy to read and understand the information at a glance.

Practising data collection and organisation is an important skill used in science, research, and everyday decision-making.

Quick Revision Notes

- Collecting data means gathering information systematically.
- Organising data means arranging it into a clear table.
- A data table needs clear headings.
- Clear tables make information easy to read.
- This skill is used in science and research.
- Data organisation supports everyday decision-making.
- Surveys are a common way to collect data.
- Organised data reveals patterns more easily.

Practice Questions

- 1 Conduct a survey and collect data from classmates.
- 2 Organise your data into a table with clear headings.
- 3 Compare an organised table to an unorganised list.
- 4 Discuss why organisation makes data more useful.
- 5 Create a data table about your family's favourite activities.
- 6 Present your organised data to someone.