



Lesson 28: Research methods 7.9 Dealing with data

Learning objective	To gain knowledge and understanding of data tables
Lesson objectives	By the end of the lesson, learners will be able to: <ul style="list-style-type: none"> • Create accurate data tables with rows, columns, headings, and units • Extract data from written form and bar charts
Vocabulary	n/a
Previous learning	Learners have studied research methods and will be familiar with findings and conclusions. They may have some prior knowledge of data tables from subjects such as mathematics, geography or business, though this is not required for the lesson.

Plan

Activities		Resources
Beginning (5 mins)	Learners complete the starter activity 'what's missing' to assess their prior knowledge of different elements of data tables.	
Middle (50 mins)	<ul style="list-style-type: none"> • Discuss responses to the starter activity as a whole class, identifying the elements of a data table and explaining why each is important. Share information on the purpose of data tables. • Share the improved data table with the class and discuss how this makes it clear, accurate and useful. • In pairs, learners can work through the task changing raw data in written form in to an accurate and clear data table. Support pairs, checking for attention to detail and correcting any misunderstandings. Encourage use of rulers and pencil for clarity and precision. • Learners can work independently to create a data table from the bar chart provided. Again, support learners by checking for attention to detail and correct use 	

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of materials. Share the completed data table and ask learners to self-assess, adding any missing information or labels.

End (5 mins)

Learners can check their understanding by answering the short questions on data tables.

Reflection and evaluation

Reflection:

Summary evaluation:

What two things went really well? (Consider both teaching and learning.)

- 1.
- 2.

What two things would have improved the lesson? (Consider both teaching and learning.)

- 1.
- 2.

What have I learned from this lesson about the class or individuals that will inform my next lesson?

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