# Year 8 Mathematics Learning Journey: Unit 7 – Representing Data

**Step 11: Two-way tables**

How do we know what each number in each cell means?

**Step 10: Continuous data**

Write a sentence to match the inequality $0 \leq x < 10$

**Step 9: Grouped discrete data**

Why do we have gaps between the classes in a discrete grouped frequency table?

**Step 8: Grouped tables**

When would a grouped frequency table be more appropriate to use than an ungrouped table?

**Step 5: Non-linear relationships**

Can there be a relationship between the data if it is non-linear?

**Step 6: Types of data**

How can we recognise discrete, continuous and qualitative data? Give examples of each.

**Step 7: Ungrouped frequency tables**

What does the word 'frequency' mean?

**Step 4: Line of best fit**

What does 'extrapolate' mean?

**Step 3: Line of best fit**

True or false: "The line of best fit has to go through the origin"?

**Step 2: Linear correlation**

How is correlation useful to us? Can you give some real-life examples?

**Step 1: Scatter Graphs**

How do we know what scale to use on our axes?

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