

Year 4 Maths 12th June 2020

LO: represent data about y4's names

- ▶ Today's lesson is a bit different...
- ▶ Instead of following the recall, chillies, dive deeper format, your challenge today is to present some data about the names and heights of the children in a Year 4 class.
- ▶ The names and heights are all made up - they're not real!



- ▶ Here are the names and heights of children in a Year 4 class. They are alphabetical order of their surnames so they don't appear to be in order.

Boys:	Girls:
Zain, 108cm	Anna, 146cm
Blake, 100cm	Kyra, 95cm
Andrew, 106cm	Saima, 130cm
Mudassar, 123cm	Sally, 128cm
Ali, 99cm	Beatrice, 119cm
Tim, 101cm	Zara, 138cm
Simon, 89cm	Sofia, 87cm
Jordan, 110cm	Paige, 101cm
Jayden, 105cm	Nell, 79cm
Laurie, 110cm	Shaniqua, 115cm

You will need to use this information to complete the tasks in the rest of the lesson.

- ▶ **Carolina reaper:** make a bar chart of children's heights - find a way to separate boys and girls
- ▶ *You could draw two separate bar charts, or use a different colour for boys and girls... or maybe you have a different idea.*

- ▶ **3 chillies:** make a bar chart of children's heights
- ▶ *X axis: children's names, Y axis: height in centimetres (you will need to carefully choose the scale)*

- ▶ **2 chillies:** make a bar chart or pictogram to show how many names start with each letter of the alphabet
- ▶ *X axis: letters of the alphabet, Y axis: number of children*

- ▶ **1 chilli:** make a tally chart to show how many names start with each letter of the alphabet

When you have made your chart, write a short paragraph to explain what it shows.

Tally
A ++++ |
B |||
C
D |||
E

Self assessment

- - Have I aimed high? Did I choose the right chilli to challenge myself?
- - Is my data well presented? Did I use a ruler? Is my work neat and clear?
- ▶ - Have I analysed and interpreted the data in my chart? Have I explained it clearly?
- ▶ - What questions can I ask about the data?