

Teacher Notes

Aim of the worksheet:

The attached resource is designed to be completed at home by your students during remote learning. Given the graphing component of the worksheet, it is preferable for students to print the worksheet. They could then scan or photograph the completed worksheet for digital submission via your preferred platform.

Learning Intention

Plot a side by side column graph from real world data then make a conclusion about the relationship displayed within the graph.

Success Criteria

I am able to demonstrate how to plot data on a side by side column graph:

- I am able to correctly use a legend to distinguish the different series within the data
- I am able to correctly plot data using the information on the x and y axis
- Using the graph, I am able to explain the relationship shown between an athletes age and the time it takes to run a marathon
- I am to conduct online research and explain how my findings might relate to the graph

Curriculum Links:

Year 6

Data representation and interpretation

1. Construct, interpret and compare a range of data displays, including side-by-side column graphs for two categorical variables ([VCMSP235](#))

Year 7

Data representation and interpretation

1. Identify and investigate issues involving numerical data collected from primary and secondary sources ([VCMSP268](#))
2. Construct and compare a range of data displays including stem-and-leaf plots and dot plots ([VCMSP269](#))