

Teacher Notes

Curriculum Links

Mathematics Level 5 & 6

- Construct, interpret and compare a range of data displays, including side-by-side column graphs for two categorical variables (VCMSP235).
- Recognise, represent and order numbers to at least hundreds of thousands (VCMNA186).
- Use efficient mental and written strategies and apply appropriate digital technologies to solve problems (VCMNA185).

Learning Intention and Success Criteria

Learning Intention

To be able to analyse and interpret secondary data to develop new ranking system.

Success Criteria

- ✓ Apply research skills to collate data sets.
- ✓ Calculate mean and range from a data table.
- ✓ Investigate 'per capita' calculations and develop new ranking system.
- ✓ Construct column graph representing data.

Equipment Required

Print worksheet

- Calculator
- Pen/pencil
- Ruler

Online worksheet

- The worksheet that students complete is a word document that has been designed using the developer function. This means that students can save the document to their device and are able to modify certain sections to record their answers. It is highly recommended that you attempt the task yourself before distributing to familiarise yourself with the activity.
- To begin students will need to open the document, press 'View' on the top heading bar, then 'Edit Document'. They are then encouraged to save it to their desktop (including their name) before they begin the task.
- Calculator
- Ruler