

## Teacher Notes

### Curriculum links

#### Year 7/8 Science

Construct and use a range of representations including graphs, keys and models to record and summarise data from students' own investigations and secondary sources, and to represent and analyse patterns and relationships (VCSIS110).

## Learning intention and success criteria

#### Learning intention

To display data on graphs to better understand trends.

#### Success criteria

- ✓ Use excel to display data on a column and line graph.
- ✓ Interpret data displayed on a graph.
- ✓ Identify advantages of displaying data on a graph.

## Instructions to teachers

This activity has been developed for students to see the real world application of displaying data on graphs to determine trends. Links to resources to help students complete different tasks have been included in the activity.

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. Although students are able to quickly adapt to this format, it is recommended that you briefly familiarise yourself with the document before you distribute it to students.

Answers including the excel worksheets with the line graphs have been provided to you to make feedback to students easier.

## Instructions for students

1. Download the activity, save to your device and then select view and select edit document.
2. Complete the activity and resave to your device.
3. Submit the task with the excel file to your teacher for feedback.