

Line Graph Adventure



VICTORIAN BIOSCIENCE
EDUCATION CENTRE

Curriculum links

Year 5 Math

- Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without the use of digital technologies (VCMSP206)
- Describe and interpret different data sets in context (VCMSP207)

Learning intention and success criteria

Learning intention

- To use a line graph to display heart rate data.

Success criteria

- ✓ Complete a line graph.
- ✓ Interpret data on a line graph.

Instructions to teachers

This activity has been designed so students can generate their own unique data set and display this on a line graph. It also includes an open ended task to allow student to demonstrate their overall understanding of the task.

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 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 to your teacher for feedback.

Resources to complete task

This task requires the use of dice. Virtual dice can be found at the following website for students that do not have dice at home: <https://www.random.org/dice/>