

A day in the life of my heart

Teacher Notes 7 & 8

Curriculum Links

Mathematics, Science and Physical Education level 7 & 8

- Investigate the effect of individual data values including outliers, on the range, mean and median
- Identify questions, problems and claims that can be investigated scientifically and make predictions based on scientific knowledge
- Plan and use strategies and resources to enhance the health, safety and wellbeing of their communities

Mathematics, Science and Physical Education level 9 & 10

- Compare data displays using mean, median and range to describe and interpret numerical data sets in terms of location and spread
- Formulate questions or hypotheses that can be investigated scientifically, including identification of independent, dependent and controlled variables
- Plan, implement and critique strategies to enhance the health, safety and wellbeing of their communities

Learning Intention and Success Criteria

Learning Intention

To analyse and understand how your heart rate changes during the day.

Success Criteria

- ✓ Collect primary heart rate data using accessible heart rate technologies.
- ✓ Interpret primary heart rate data
- ✓ Evaluate primary heart rate data