

Science Investigation

Dear students, parents, carers, and guardians,

This year from the 12th – 20th August it is National Science Week. National Science Week is Australia's annual celebration of science and technology. The school theme for National Science Week in 2023 is Innovation: Powering Future Industries. In class, we will be celebrating advancements in technology in all industries, such as agriculture, mining and renewable energy.

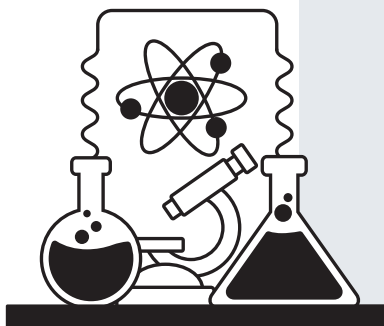
To celebrate, on Wednesday the 16th of August 2023, Treendale Primary School will be hosting a Science Fair in The DOCK at lunch, from 12:40 – 1:00PM. The Science Fair is an opportunity for students, who wish to participate, to share their interests and talent in science. Students can choose a science topic which they would like to present on. There will be prizes awarded to each category.

The fair has two entry categories:

- Science Poster (Year 1 – 2)
- Science Investigation (Year 3 – 6)

Entries are due to Mrs Turner by Thursday the 10th of August. If you have any queries, please email clare.turner@education.wa.edu.au

All the best!
Mrs Turner
Science Teacher



A primary science investigation involves:

- choosing a topic of interest to investigate
- developing a clear testable question around the topic
- predicting what will happen
- planning the investigation
- conducting a risk assessment
- conducting the investigation
- collecting the data
- analysing the results
- writing the report.

Entry guidelines:

- produce a written report using the following headings:
 - **Title page and Table of contents**
 - **Introduction** – What gave you the idea? How did you get started? Include any background research you have done on the topic.
 - **Aim** – What you were trying to find out? What you thought would happen.
 - **Materials** – List these.
 - **Method** – List everything you did, but remember to keep them in order (like a recipe). Describe the safety requirements you followed in conducting this experiment. Photographs of your set up could be included.
 - **Results** – Everything you discovered (or found out). To show this use tables, graphs, pie charts, photos etc.
 - **Discussion** – Discuss your results describing the patterns and trends. Describe how you could improve your investigation.
 - **Conclusion** – List the main things you have discovered or found out. Go back to your results – What do they tell you? Did your results support your prediction?
 - **Acknowledgements and References** – Make sure you include a list of people who gave you help/advice and list any books or websites you used.