



Maribyrnong Primary School

Science Term 4 Overview



Term 4 Learning

In our final term of the year, we will consolidate the science inquiry skills that students have developed all year. Whilst students will continue to predict and plan investigations, we shift to focus on how to interpret results and evaluate our investigations. Knowledge outcomes will span a broad range of science disciplines, from Biology for the younger grades, to the physics of heat and magnets for Years 3 and 4, Chemistry for Year 5, and Astronomy for Year 6.

Each year level will focus on:

- Kindy: What features help us sort animals like scientists?
- Year 1: What do plants need to grow and stay healthy?
- Year 2: How do scientists use their senses to observe the world?
- Year 3: How does heat energy work?
- Year 4: How do contact and non-contact forces affect objects?
- Year 5: What are the properties of solids, liquids and gases?
- Year 6: How do the movements of objects in Space affect us on Earth?

The 'scientific inquiry skills' we will focus on include:

- Collecting and analysing data from investigations
- Reflecting on experiments and identifying further questions to investigate.

Explicit teaching of Science as a human endeavour will focus on:

- How scientists work together and share their findings to benefit all
- How science is used by communities to identify problems and inform decisions.

How you can support learning

Plan a visit to:

- The National Zoo and Aquarium
- Mt Stromlo Observatory
- Geoscience Australia
- Australian National Botanic Gardens

Outer space websites to explore:

- stellarium-web.org
- [Eyes on the Solar System](http://eyes.nasa.gov) (NASA)

Get hands on!

- Grow [veggies from food scraps](#).
- Build a [magnetic ball run](#)
- Investigate home liquids & solids
- Record a lunar calendar

Key Dates and Activities

Week 2 (Oct 23) SEAACT Science Fair Entries due (Mrs Mac will register projects).

Week 3 (Nov 1) SEAACT Science fair judging

Week 6 – Planetarium incursion Year 6

Week 6 (Nov 19)- SEAACT Science Fair Award Ceremony

Key contact details

Nicole McAlester (K & Yrs 2-6)
nicole.mcalester@ed.act.edu.au

Madeline Collins (Year 1)
Madeline.Collins@ed.act.edu.au