



# Maribyrnong Primary School

## Science Unit Overview- Term 1



### Term 1 Learning

*This year Science units have been chosen to best align with the skills and concepts students are learning in other areas of the curriculum. All students will engage in hands on learning and be encouraged to ask scientific questions and base their claims on evidence.*

Each year level will focus on:

- Kindergarten: What plants and animals need to grow healthily
- Year 1: What makes light and sound, and how our bodies can see and hear
- Year 2: How different animals grow and change
- Year 3: How different materials respond to heating or cooling
- Year 4: Lifecycles of plants and the role animals play – the birds and the bees
- Year 5: Properties of solids, liquid and gases
- Year 6: Exploring plate tectonics and the impact on people and structures
- LSU: How animals and plants grow and change
- LSUA: What it means to be a scientist and conduct your own investigation

The scientific inquiry skills we will focus on include:

- Asking scientific questions
- Recording observations accurately

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

- What it means to be a scientist
- How science can be used to solve problems

### How you can support learning

Encourage your child to begin a science fair project, especially if it is a long-term experiment or requires warm weather.

Get hands on!

- Grow your own garden
- Safely find and care for an insect for a day (then release)
- Time how long different materials take to melt or freeze.

Visit the botanical gardens, a national park, farm or zoo.

Checkout this app:

- [Seek by iNaturalist](#) app – Free species recognition software

### Key Dates and Activities

March 5 - Clean up Australia Day

Term 3 - Science Fair

### Key contact details

Years K-2 & 4: Nicole McAlester  
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Year 3 Science: Year 3 staff

Year 5 Science: Year 5 staff

Year 6 STEM: Penny Day  
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