



SCIENCE

Term 2 Science Overview

This term in Science, our Reception students will explore Chemical Sciences and investigate the materials that make up everyday objects. They'll learn to describe what these materials look and feel like, and how they behave. Through hands-on investigations, students will ask questions, make simple predictions, and observe what happens. They'll be encouraged to share their ideas and discoveries with others in the class. By the end of the term, students will use what they have learned to design and create their own object, choosing materials that are best suited for the job and explaining why they made those choices.

In Years 1 and 2, our focus in Biological Sciences promises an exciting and hands-on term of learning. Students will explore the fascinating world of living things and their habitats, deepening their understanding of the natural environment. A highlight of the term will be their involvement in the creation of a new native garden with a frog pond, named Kantu Yarta (Kurna for Frog Place). This enriching project will also feature the design of totem poles showcasing 11 native South Australian animal species. As part of this journey, students will investigate these animals, discover the habitats in which they thrive, and learn how their external features help them to survive. Later in the term, students will roll up their sleeves and get involved in planting the new garden, gaining first-hand experience in what plants need to grow and flourish—just in time for spring.

In Years 3 and 4, the students will be studying heat energy, with a Physics lens. Our focus is on sources of heat energy, how it transfers from one object/substance to another, and how we measure it using a thermometer. Students will learn about the Sun, fire, electrical devices, and geothermal as sources of energy, and how we use them in everyday life. We will explore the idea of heat transfer, and how it can be interrupted by insulators. Throughout the term students will become familiar with thermometers and how to record temperature accurately. Underpinning this learning will be a range of hands on experiences to allow students to develop their abilities in the Science Inquiry Skills, in particular following simple procedures and recording data accurately.

In Years 5 and 6, the students will learn about the Earth Science 'Geology'. They learn how rocks are formed by volcanos, sedimentation or metamorphism then broken down through the processes of erosion, transportation and deposition. We will investigate the differences between slow and rapid changes to Earth's surface and start to understand how some natural disasters such as earthquakes and tsunamis occur through tectonic plate movement.



Dani Bator
Year 5-6 Science



Beck Phillips
Year 3-5 Science



Sophie Tarney
Reception - Year 2



Schona Murray
Reception - Year 2

