



Term 1 Science Overview

In Reception in Term 1, the focus is Physical Sciences. The students will investigate the way objects move, and how this movement depends on a variety of factors. They will explore how the body can move, and in what way an objects' shape and size effects if it can roll, bounce or slide. Experiences will include engaging in hands-on investigations, creating visual illustrations, using reasoning skills, and relevant scientific language to support their decision making. The students will develop an understanding of Aboriginal Peoples knowledge of movement and how this understanding influences the design of traditional instructive toys.

In Years 1 and 2, the major theme is also Physical Sciences. Students will have lots of fun exploring different actions to make sounds and how to make a variety of sounds, and recognise that sound energy causes objects to vibrate. They will learn about the structure of the ear and how it works. There will be a cross curricular focus on Mathematics, Technology and a journey into First Nations Peoples and Asian music to explore sound and how it is produced.

The Year 3 and 4 students will engage with the Biological Sciences this term. Students will be focusing on how energy moves through an ecosystem, starting with producers who make their own energy then moving through consumers and decomposers. They will explore this concept using diagrammatic tools such as food chains, and use technical language including producer, consumer, and decomposer to explain relationships in ecosystems. As always there will be a mixture of learning experiences featuring text-based learning, hands-on activities, and opportunities to collaborate and share knowledge.

In Term 1, Year 5 and 6 students will engage in learning in the Biological Sciences. By the end of the term students will be able to describe and predict the effect of environmental changes on individual living things. We will learn about the ways in which animals camouflage into their habitats to avoid predation and how animals evolve over time dependant on their environment. Students will have the opportunity to engage with live and taxidermy animals so they can observe the animals' physical features and conduct experiments to develop their Scientific Inquiry skills.

SCIENCE



Dani Bator
Year 5-6 Science



Beck Phillips
Year 3-5 Science



Sophie Tarney
Reception - Year 2



Schona Murray
Reception - Year 2

