

SCHOOL EXCURSION PROGRAM

new lessons to be piloted

How would you like to try two new, practical lessons to supplement your classroom teaching of your Stage 2 or 3 students? The lessons are directly linked to the NSW science curriculum.

The details are below. To book your FREE full day excursion and help us trial these new lessons, contact our educational consultant, Leesa Burton at leesaburton@gmail.com

Claim the cost of your bus hire by sending a school tax invoice to fiona.campbell@randwick.nsw.gov.au

LESSON 1: Living World of Seeds — Stage 3

We explore the environment at the Randwick Environment Park and learn of ways that plants have adapted over time to cope with the hot, dry and windy conditions. We also investigate how we have adapted the local environment to grow organic food for people.

Science skills learned include conducting fair tests related to seed germination, making predictions and measuring data.

We will prepare seeds for germination using both wet and dry techniques.

The curriculum links for this lesson are:

NSW Science Syllabus K-10 — Stage 3

- students describe how structural features and other adaptations of living things help them to survive in their environment ST3-10LW
- students describe some physical conditions of their environment and how these affect the growth and survival of living things ST3-11W
- students investigate by posing questions, including testable questions, making predictions and gathering data to draw evidence-based conclusions and develop explanations ST3-4WS

Australian Science Syllabus — ACSSU043 — ACSSU094

NSW Mathematics — Computes, orders and calculate with fractions, decimals and percentages MA3-7NA.

LESSON 2: The Life Around Us — Stage 2

We'll find out about the life cycle of worms and their role as decomposers. We demonstrate how to set up a worm farm to turn our food waste into garden fertiliser.

At our new pond on our habitat trail, we'll identify and document pond life. There, we'll learn how rocks, logs and fallen branches can be used to make wildlife habitat.

In the Randwick Environment Park we'll view the remnant Eastern Suburbs Banksia Scrub and learn how what we do in our homes can effect the survival of living things and investigate how this is being addressed.

The curriculum links for this lesson are:

NSW Science Syllabus K-10

(incorporating Science and Technology K-6)

- describes that living things have life cycles, can be distinguished from non-living things and grouped, based on their observable features ST2-10LW
 - describes ways that science knowledge helps people understand the effect of their actions on the environment and on the survival of living things ST2-11LW
- Living things can be grouped on the basis of observable features and can be distinguished from non-living things. (ACSSU044)
- describes how people interact within built environments and the factors considered in their design and construction ST2-14BE.

