

Ekka

EDUCATION

**CURRICULUM ALIGNMENT &
CLASSROOM RESOURCES**

LITTLE SPROUTS COMPETITION

Supported by Brunnings



FOUNDATION TO GRADE 2

COMPETITION OVERVIEW

Get your kids growing a grass caterpillar for a chance to win gardening prizes! The Little Sprouts Competition supported by Brunnings will challenge students to create an entry which is completely biodegradable. One key criteria of judging is the sustainability of each entry. After the competition, the entries should be able to naturally break down in the garden.

IMPORTANT DATES

Ekka Dates: Saturday 10 August - Sunday 18 August 2024

Competition Open: Tuesday 21 November, 2023

Entries Close: Friday 19 July, 2024

Judging Commences: Friday 9 August, 2024

Presentation: Saturday 10 August, 2024

IMPORTANT CONTACTS

Competition Enquiries

Mel McGrath | Competitions & Event Planner

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Education Content Enquiries

Kimmy Balmer | Entertainment & Education Coordinator

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School & Group Bookings Enquiries

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FOR ALL AGES: FOUNDATION TO GRADE 2

Australian Association for Environmental Education - This unit of work engages students in preparing butterfly gardens in their schoolgrounds. It explores the characteristics of living and non-living things, features of caterpillars and butterflies, the lifecycle of butterflies, survival requirements, and the characteristics of butterfly gardens.

The unit includes worksheets, assessment ideas, pictures, and links to useful websites, and is supported by *The Manual: Butterfly Gardening in South Australia*. See page 3 for Foundation to Grade 2 Australian Curriculum Links.

<https://www.aaeesa.org.au/unit-for-reception-to-year-2/>



ADDITIONAL ACTIVITIES

Lesson 1: Living & Non-Living

To better understand the difference between living and non-living things, the following lesson plan helps students and teachers break down the characteristics of living things. This resource helps students acknowledge the traits that make plants (just like the Little Sprouts Ekkapillar) living things like us!

<https://www.generationgenius.com/living-vs-nonliving-reading-material/>

Lesson 2: Caterpillars

As one of the possible learning experiences for students, the Ekka Little Sprouts competition allows classes to grow and decorate their own caterpillar. Providing a hands-on, sensory experience for students to identify the body parts of caterpillars as well as share what they know about caterpillars (diet, habitat, colours, etc) with the class. Each entry is supplied with a competition pack to assist with the process and students should ensure that their Ekkapillar is sustainable and can naturally biodegrade in the garden.

<https://www.ekka.com.au/competitions/education/little-sprouts/>



Lesson 3: Features of Butterflies

These playing cards are designed to help students become familiar with some of the butterflies found in local gardens, parks, wetlands and bushland. Providing specific details about a butterfly's features such as wing colour and patterns, diet and locations alongside their common names relevant to the different species of butterflies. Students can play three classic card games (Memory, Go Fish and Snap) with instructions found on the 'Adelaide Urban and Bush Bird Playing Cards Game' here -

<https://cdn.environment.sa.gov.au/greenadelaide/images/Common-Urban--Bushland-Birds-playing-cards.pdf>

The Butterfly Playing Cards can be found here -

<https://cdn.environment.sa.gov.au/greenadelaide/images/Butterflies-playing-cards-add-on-pack.pdf>

**GRADE SPECIFIC
RESOURCES ARE
UP NEXT!**



Lesson 4: Life cycles

Butterflies: Caterpillars in Disguise - It's almost unbelievable that a caterpillar is actually the same animal as a butterfly – but it's true! Be amazed by the captivating stages in this miniclip which shows how a caterpillar becomes a butterfly! With a blend of animation and real life time lapse footage, you will witness the metamorphosis from an egg through to the caterpillar and chrysalis phase, ending with a beautiful butterfly taking flight, only to repeat the cycle all over again.

ClickView:

<https://www.clickview.com.au/curriculum-libraries/video-details/?id=5321193&library=primary>

YouTube: <https://www.youtube.com/watch?v=3kZD6rISLUw>



VERSION 8.4***Science Understanding: Biological Sciences***

Living things have basic needs, including food and water
([ACSSU002](#))

Science Inquiry Skills: Planning and Conducting

Participate in guided investigations and make observations using the senses ([AC SIS011](#))



*Creative & Critical
Thinking*



Literacy



Numeracy

VERSION 9***Science Understanding: Biological Sciences***

Observe external features of plants and animals and describe ways they can be grouped based on these features ([AC9SFU01](#))

Science Inquiry: Planning and Conducting

Engage in investigations safely and make observations using their senses ([AC9SFI02](#))

CLASSROOM RESOURCES***ARC Centre of Excellence for Translational Photosynthesis***

The unit contains six lessons including an inquiry-based investigation, easy to set and see science displays, word games, practical activities and maths learning activities. The lessons have been created and compiled by the ARC Centre of Excellence for Translational Photosynthesis, based on real research techniques, translated for the classroom environment.

<http://photosynthesis.org.au/foundation/>



Planting Science
real research for engaged education

CREATED BY THE ARC CENTRE OF EXCELLENCE
FOR TRANSLATIONAL PHOTOSYNTHESIS



VERSION 8.4

Science Understanding: Biological Sciences

Living things have a variety of external features ([ACSSU017](#))

Science Inquiry Skills: Planning and Conducting

Participate in guided investigations to explore and answer questions ([AC SIS025](#))



*Creative & Critical
Thinking*

VERSION 9

Science Understanding: Biological Sciences

Identify the basic needs of plants and animals, including air, water, food or shelter, and describe how the places they live meet those needs ([AC9S1U01](#))

Science Inquiry: Planning and Conducting

Suggest and follow safe procedures to investigate questions and test predictions ([AC9S1I01](#))



Literacy



Sustainability

CLASSROOM RESOURCE

ARC Centre of Excellence for Translational Photosynthesis

This is a teacher resource designed to achieve biological understanding outcomes, based on current photosynthesis research. The unit contains five lessons including an inquiry-based investigation, easy to set and see science displays, word games, practical activities and maths learning activities. The lessons have been created and compiled by the ARC Centre of Excellence for Translational Photosynthesis, based on real research techniques, translated for the classroom environment.

<http://photosynthesis.org.au/year1/>



VERSION 8.4

Science as a Human Endeavour: Use and influence of science

People use science in their daily lives, including when caring for their environment and living things ([ACSHE035](#))

Science Inquiry Skills: Planning and Conducting

Participate in guided investigations to explore and answer questions ([AC SIS038](#))



*Creative & Critical
Thinking*



Literacy



Sustainability

VERSION 9

Science as a Human Endeavour: Use and influence of science

Describe how people use science in their daily lives, including using patterns to make scientific predictions ([AC9S2H01](#))

Science Inquiry Skills: Planning and Conducting

Suggest and follow safe procedures to investigate questions and test predictions ([AC9S2I02](#))

CLASSROOM RESOURCE

ARC Centre of Excellence for Translational Photosynthesis

This teacher resource makes engagement easy, and the experiments and activities are based on current food security, sustainability and photosynthesis research. The unit contains seven lessons, including an inquiry-based investigation, easy to set and see science displays, word games, practical activities and maths learning activities. The lessons have been created and compiled by the ARC Centre of Excellence for Translational Photosynthesis, based on real research techniques, translated for the classroom environment.

<http://photosynthesis.org.au/year2/>



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