

# 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 CONTACTS

*Competition Enquiries*

[entries@rna.org.au](mailto:entries@rna.org.au)

*Education Content Enquiries*

[education@ekka.com.au](mailto:education@ekka.com.au)

*Ekka School & Group Bookings Enquiries*

[groupbookings@ekka.com.au](mailto:groupbookings@ekka.com.au)

## 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, caterpillar and butterfly features, the lifecycle of butterflies, survival requirements, and the characteristics of butterfly gardens.

The unit includes worksheets, assessment ideas, pictures, and links to useful websites. It 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. It provides a hands-on, sensory experience for students to identify the body parts of caterpillars, plus 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 is naturally biodegradable.

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



### ***Lesson 3: Features of Butterflies***

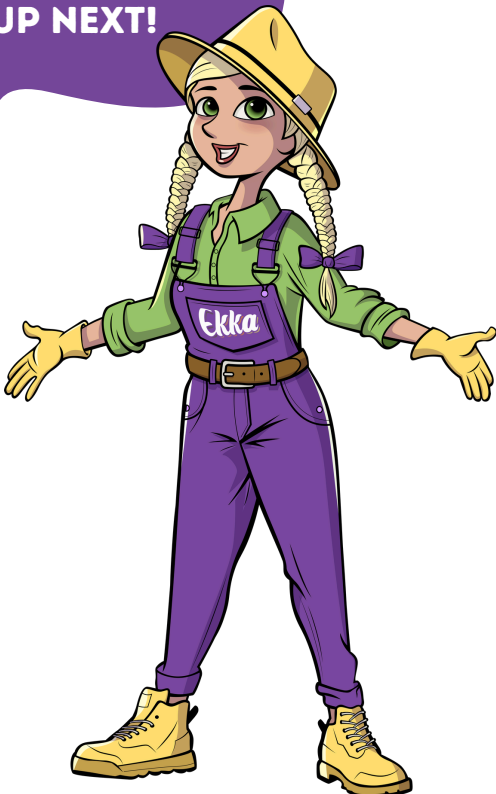
These playing cards are designed to help students become familiar with some of the butterflies found in local gardens, parks, wetlands and bushland. They provide specific details about butterfly features such as wing colour and patterns, diet and locations plus the common names relevant to the different 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: Lifecycles***

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 egg to caterpillar and chrysalis phases, 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. These 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](#))

## 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](#))



*Creative & Critical  
Thinking*



*Literacy*



*Sustainability*

## 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/>



# Ekka

## EDUCATION

### INTERNATIONAL AWARD WINNERS

The Royal Queensland Show (Ekka) is recognised for its excellence, over many years, by winning numerous awards at the International Fairs & Expos (IAFE) Awards.

IAFE has more than 1,000 members representing agricultural fairs from the United States, Canada, the United Kingdom, and Australia.

These awards represent the continued dedication the Ekka plays in bridging the country city divide, and educating the next generation on the essential role farming and agriculture plays in their everyday lives.



[www.ekka.com.au](http://www.ekka.com.au)