



## DISCOVERY SESSION: P-2 HATCHERS AND GROWERS

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### **Lesson overview**

Students receive hands-on experience exploring birth, growth and survival of Australian wildlife.

### **Lesson objectives**

Students will be able to:

- Describe the different ways in which animals are born
- Discuss how animals grow and change in different ways
- Arrange animal life stages in order
- Identify basic needs of wild animals
- Identify external features of animals and how these features assist in their survival

### **Animals**

- Frog\*
- Reptile\*
- Koala\*
- Bird\*

\* Specific species are subject to availability and may be substituted if necessary.

### **Lesson Summary**

Students explore the different life cycles four different animals (bird, mammal, amphibian and reptile). The concept of a life-cycle is introduced and the group works together to put together a lifecycle before breaking into smaller groups to complete their own life cycle assemblies as a team.

Students are rewarded for their work by meeting an animal from each category and discussing their individual life cycles.

In the end Students will be Hatcher and Grower life cycle experts!

\* Specific species are subject to availability and may be substituted if necessary.

## Curriculum links

The Hatchers & Growers Discovery Session focusses heavily on the year two 'Biology' areas. However, all Lone Pine Discovery Sessions touch on multiple elements from the Science curriculum and can be integrated into other curriculum subjects.

See the table below for a detailed breakdown of how Hatchers & Growers meets the Australian Science Curriculum.

<b>Science Understanding</b> (F) = Foundation (1) = Year 1 (2) = Year 2	
Biological	<ul style="list-style-type: none"><li>• Living things have basic needs, including food and water (F)</li><li>• Living things have a variety of external features (1)</li><li>• Living things live in different places where their needs are met (1)</li><li>• Living things grow, change and have offspring similar to themselves (2)</li></ul>
Earth & space	<ul style="list-style-type: none"><li>• Daily and seasonal changes in our environment, including the weather, affect everyday life (F)</li></ul>
Physical	<ul style="list-style-type: none"><li>• The way objects move depends on a variety of factors, including their size and shape (F)</li></ul>
<b>Science as a Human Endeavour</b>	
Nature & development of science	<ul style="list-style-type: none"><li>• Science involves exploring and observing the world using the senses (F)</li><li>• Science involves asking questions about, and describing changes in, objects and events (1, 2)</li></ul>
Use & influence of science	<ul style="list-style-type: none"><li>• People use science in their daily lives, including when caring for their environment and living things (1, 2)</li></ul>
<b>Science Enquiry Skills</b>	
Questioning & predicting	<ul style="list-style-type: none"><li>• Respond to questions about familiar objects and events (F)</li><li>• Respond to and pose questions, and make predictions about familiar objects and events (1, 2)</li></ul>
Planning & conducting	<ul style="list-style-type: none"><li>• Explore and make observations by using the senses (F)</li><li>• Participate in different types of guided investigations to explore and answer questions, such as manipulating materials, testing ideas, and accessing information sources (1, 2)</li></ul>
Processing & analysing data & information	<ul style="list-style-type: none"><li>• Through discussion, compare observations with predictions (1, 2)</li></ul>
Evaluating	<ul style="list-style-type: none"><li>• Compare observations with those of others (1)</li></ul>
Communicating	<ul style="list-style-type: none"><li>• Share observations and ideas (F)</li><li>• Represent and communicate observations and ideas in a variety of ways such as oral and written language, drawing and role play (1, 2)</li></ul>
<b>Other areas of the curriculum (e.g. English) are covered in the classroom resource section of the Discovery Session Guide for Hatchers &amp; Growers.</b>	

## Suggestions for Follow-up & Evaluation

**Post-visit classroom activities:** Your Discovery Session Guide is packed full of amazing ideas to assist your exploration into science and wildlife. All activities are linked to the Australian Curriculum and the VAK Model of Learning.

**We need your help!** Lone Pine Koala Sanctuary is always investigating ways to improve and develop the support we offer to classroom teachers. Whether it is Learning Experiences, resources, ease of booking excursions or something else entirely, we would love to hear from you!