



Teacher Resource Pack

Prep (Foundation) Year

Subject: Science			
Achievement Standard: By the end of the Foundation year, students describe the properties and behaviour of familiar objects. They suggest how the environment affects them and other living things.			
Strand	Sub-Strand	Content Descriptor	Elaborations
Science Understanding	Biological Science	Living things have basic needs, including food and water (ACSSU002)	<ul style="list-style-type: none"> recognising the needs of living things in a range of situations such as pets at home, plants in the garden or plants and animals in bushland comparing the needs of plants and animals
	Earth and Space Sciences	Daily and seasonal changes in our environment affect everyday life (ACSSU004)	<ul style="list-style-type: none"> investigating how changes in the weather might affect animals such as pets, animals that hibernate, or migratory animals learning how Aboriginal and Torres Strait Islander concepts of time and weather patterns explain how things happen in the world around them
Science as a Human Endeavour	Nature and Development of Science	Science involves observing, asking questions about, and describing changes in, objects and events (ACSHE013)	<ul style="list-style-type: none"> recognising that observation is an important part of exploring and investigating the things and places around us

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			<ul style="list-style-type: none"> • sharing observations with others and communicating their experiences • exploring and observing using the senses: hearing, smell, touch, sight and taste
Science and Inquiry skills	Planning and Conducting	Participate in guided investigations and make observations using the senses (AC SIS011)	<ul style="list-style-type: none"> • using sight, hearing, touch, taste and smell so that students can gather information about the world around them
	Processing and analysing data and information	Engage in discussions about observations and represent ideas (AC SIS233)	<ul style="list-style-type: none"> • taking part in informal and guided discussions relating to students' observations • using drawings to represent observations and ideas and discussing their representations with others
	Communicating	Share observations and ideas (AC SIS012)	<ul style="list-style-type: none"> • working in groups to describe what students have done and what they have found out • communicating ideas through role play and drawing

Existing website resources (Prep) Foundation

Literacy

Factual texts:

- Fact sheets
<https://www.enviro-print.com.au/SaveTheBilbyFund/2015/pages/resources.html>
- Fact sheet, 2 page long
<http://www.savethebilbyfund.com/bilbies.php>
- National Geographic Article
<http://www.australiangeographic.com.au/society/fundraising/2014/03/save-the-bilby-fundraiser>

Fictional texts:

- *Identified gap in resources*

Activities:

- I can draw a bilby
<https://www.enviro-print.com.au/SaveTheBilbyFund/2015/pages/resources.html>
- Go Green for Bilbies
<http://www.enviro-print.com.au/SaveTheBilbyFund/2015/pages/GoGreenForBilbies.html>
- Adopt a Bilby
<http://shop.dreamworld.com.au/Tickets/AAA>
- Sponsor a bilby
http://www.enviro-print.com.au/SaveTheBilbyFund/Sponsorship/Become_a_Bilby_Buddy.html
- Resource Kit (includes a times table sheet) (\$60)
<http://www.enviro-print.com.au/OnlineOrdering/Joey-Bilby-School-Activity-Kit-ENVIROPRINT.html>
- Word search
<https://www.enviro-print.com.au/SaveTheBilbyFund/2015/pages/resources.html>
- Maze
<https://www.enviro-print.com.au/SaveTheBilbyFund/2015/pages/resources.html>

Information Communication Technologies

Websites:

- www.eaterbilby.com.au (unable to audit due to password restrictions, as discussed with the Fund)

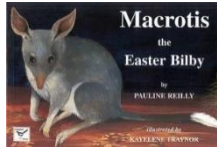
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<u>Videos:</u> <ul style="list-style-type: none">• Wiggles support the Save The Bilby Fund video https://youtu.be/dz-JyXUStXo
<u>Games and webquests:</u> <ul style="list-style-type: none">• <i>Identified gap in resources</i>
Unit plans and lessons
<ul style="list-style-type: none">• <i>Identified gap in resources</i>
Creative Arts
<u>Music:</u> <ul style="list-style-type: none">• <i>Identified gap in resources</i>
<u>Arts and Crafts:</u> <ul style="list-style-type: none">• <i>Identified gap in resources</i>
<u>Role play:</u> <ul style="list-style-type: none">• <i>Identified gap in resources</i>
Experiences
<u>Field trips:</u> <ul style="list-style-type: none">• Charleville Bilby Experience http://www.savethebilbyfund.com/charleville-bilby-experience.php• Ipswich Nature Centre, Nocturnal Bilby Exhibit URL ON Bilby Fund SITE N/A. This one works: http://www.discoveripswich.com.au/attraction/ipswich-nature-centre/• Featherdale Wildlife Park http://www.featherdale.com.au/school-excursions/
<u>School visits:</u> <ul style="list-style-type: none">• Featherdale Wildlife Park http://www.featherdale.com.au/school-excursions/• Dreamworld: Wildlife for kids https://www.dreamworld.com.au/education/teachers/wildlife-for-kids

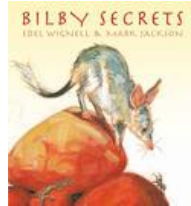
Recommended resources (Prep) Foundation

Literacy

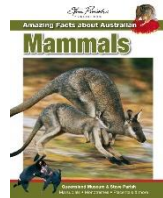
Factual texts:



Macrotis the Easter Bilby. Written by Pauline Reilly. Illustrated by Kayelene Traynor. Picture book for 3 to 8 years. Each book tells in story form the life history of an individual animal (National library of Australia, 2016).



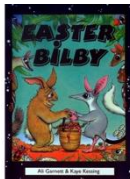
Bilby Secrets. Written by Edel Wignell; Illustrated by Mark Jackson. Non-fiction picture book for 3 to 9 years. The story depicts a young bilbies birth, habitat, behaviour and diet. When Baby Bilby is born, he s as long as your little toe. He crawls into his mother s warm pouch, where he feeds and grows. Baby Bilby is soon ready to leave the safety of the burrow. He follows his mother closely, sniffs the night air, and hops into the moonlight for his first desert adventure (Walker books Australia and New Zealand, 2015).



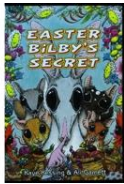
Amazing Facts about Australian Mammals. Written by Queensland Museum and Steve Parish. This book is packed full of information and you'll be amazed at how much you learn about Australia's mammals by dipping into the remarkable facts presented. It is to our astonishment we also learn that mammals today often had either giant or pygmy-sized ancestors millions of years ago! Full page spread on the Bilby (Parish, 2008).

- Image of a Greater Bilby, 'Macrotis lagotis'. Retrieved from (Scootle) <http://www.scootle.edu.au/ec/viewing/R9612/index.html> (ESA, 2015)

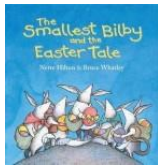
Fictional texts:



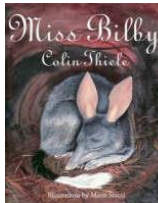
Easter Bilby. Written by Ali Garnett. Illustrated by Kaye Kessing. Picture book for 3 to 8 years. Easter Bunny is old and tired but who could do his job properly? His grandson Flash Rabbit only wants to be famous. Should Easter Bunny pass his job on to an introduced rabbit or to a native Australian? (Kessing, 2016)



Easter Bilby's Secret. Written by Ali Garnett. Illustrated by Kaye Kessing. Picture book for 3 to 8 years. Easter Bilby has been given the job of delivering Easter eggs all around Australia. But Cat and Fox roam the country always on the hunt for tasty native creatures. How will Easter Bilby and his friends get the job done safely and on time? A clever plan is needed but Cat and Fox must not find out. (Kessing, 2016)



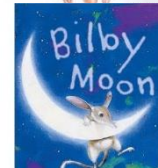
The Smallest Bilby and the Easter Tale. Written by Nette Hilton. Illustrated by Bruce Whatley. Picture book for 3 to 5 years. It's the night before Easter and for the first time Billy and his band of little bilbies must deliver the eggs. But when one of the bilbies gets into trouble, only Billy knows what to do (The little big book club, 2016).



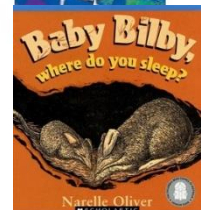
Miss Bilby. Written by Colin Thiele, Illustrated by Mavis Stucci. Picture book 3 to 8 years. This tells the story of the bilby who leads a peaceful life, until the feral animals take over. A sanctuary is finally made for the endangered species, and they begin to rebuild their lives (Trove National library of Australia, 2016).



Hunwick's Egg. Written by Mem Fox; illustrated by Pamela Lofts. Picture book 4 to 9 years. When a mysterious egg appears outside Hunwick's burrow, no one is quite certain what to think. And when it doesn't hatch right away, everyone is even more bewildered. Everyone except Hunwick, that is. Hunwick understands that the egg is his friend, and he is the only one who knows its secret (Fox, 2016).

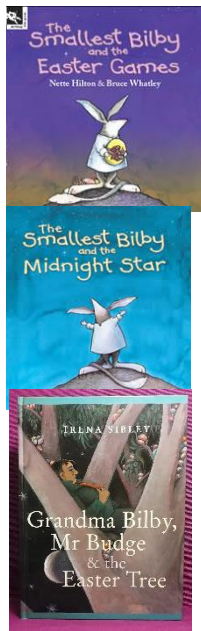


Bilby Moon. Written by Margaret Spurling; illustrated by Danny Snell. Picture book 4 to 8 years. Each night Little Bilby looks up to greet the moon and each night the moon looks down and smiles. One night the moon doesn't smile. Little Bilby is concerned as the full moon has begun to disappear and goes on a search for the missing piece, asking everyone she meets for their help, including Sand-dragon, Hopping Mouse and Boobook Owl (Australian Picture Books, 2016).



Baby Bilby, Where do you sleep? Written by Narelle Oliver. Picture book 4 to 6 years. Take a peek through the peepholes and discover the secret hiding places of baby bilby and other Australian desert creatures (Oliver, 2011).

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The Smallest Bilby and the Easter Games. Written by Nette Hilton; illustrated by Bruce Whatley. Picture book 3 to 5 years. When the rabbits decide to stop delivering Easter eggs, all the bush animals want to be the new Easter Bunny. After all, Easter wouldn't be the same without eggs! But how can the rabbits choose the best animal for the job? The lop-eared rabbit has an idea - and that's when the Easter games begin (The Big Little Book Club, 2016).

The Smallest Bilby and the Midnight Star. Written by Nette Hilton; illustrated by Bruce Whatley. Picture book 3 to 5 years. Every night the smallest bilby looks up at the midnight sky and searches for his favourite star – the smallest one that hangs close to the edge of the sky. Every night she shines down on him. But one night, fearful that she may go away and never come back, the smallest bilby decides to give her something that will make her remember him forever and always (Penguin Books, 2016).

Grandma Bilby, Mr Budge and the Easter Tree. Written and illustrated Irena Sibley. Picture book 5 to 9 years. When it's time to deliver the Easter eggs again, Grandma Bilby gets some unexpected help from the possums in the park. Mr Budge the hamburger man joins in the fun and soon the whole town is celebrating! (Fishpond, 2016).

Activities:

- See existing resources

Information Communication Technologies

Websites:

- Kaye Kessing: <http://www.kayekessing.com/> (teacher resource to purchase Bilby related books, novels, posters)
- Bilby Blog: <http://www.kayekessing.com/bilbys-blog> (information on the Bilby with the ability to ask questions)

Video:



Vulnerable Bilbies can be seen at Taronga Zoo. Informative video presentation from a senior keeper about the conservation and care of bilbies. Taronga Sydney. (2010, August, 31). *Vulnerable Bilbies can be seen at Taronga Zoo*. Retrieved from <https://youtu.be/vIzEHTEPy7Q>



Bilby Joeys at Perth Zoo

Perth Zoo. (2012, September, 10). *Bilby Joeys at Perth Zoo* [video file]. Retrieved from <https://youtu.be/5FUKn9LuYXk>



Baby Bilbies at Adelaide Zoo

Zoos SA. (2009, January, 28). *Baby Bilbies at Adelaide Zoo* [video file]. Retrieved from <https://youtu.be/0D4iJj8tNAI>

Games and webquests:

- *The night of the Bilby: Find food*. Retrieved from Scootle <http://www.scootle.edu.au/ec/viewing/L896/index.html> (ESA, 2015).
- *Australian Animals* (25 digital curriculum resources is organised into four categories - communities of Australian animals, animals in art and stories, vertebrates and invertebrates). Retrieved from Scootle <http://www.scootle.edu.au/ec/viewing/R10702/index.html>

Unit plans and lessons

- *The Smallest Bilby and the Easter Tale* teacher notes: http://www.workingtitlepress.com.au/teachers_notes.html
- *The Smallest Bilby and the Easter Games* teacher notes: http://www.workingtitlepress.com.au/teachers_notes.html
- *The Smallest Bilby and the Midnight Star* teacher notes: http://www.workingtitlepress.com.au/teachers_notes.html
- *Bilby Moon* teacher notes: http://www.workingtitlepress.com.au/teachers_notes.html
- *Baby Bilby English* teacher notes: www.education.nt.gov.au/data/assets/pdf_file/0020/.../baby_bilby.pdf
- Bilby Early learning resources: <http://ourworldwideclassroom.blogspot.com.au/2012/03/easter-bilby-printable-bambino-pack.html>
- *The Smallest Bilby and the Easter Games* - Book Study Printables (engaging activities directly linked to the picture book and the Australian Curriculum for English) resource: <https://www.teacherspayteachers.com/Product/The-Smallest-Bilby-and-the-Easter-Games-Book-Study-Printables-1150059>
- *Baby Bilby* unit [ESL]: Retrieved from (Scootle) http://www.education.nt.gov.au/data/assets/pdf_file/0020/5258/baby_bilby.pdf
- *Primary Connections 'Staying Alive'* unit (The *Staying alive* unit is an ideal way to link science with literacy in the classroom. It provides opportunities for students to investigate needs for survival of animals, including humans, and how our senses help us stay alive). Retrieved from <https://primaryconnections.org.au/resource/unit-resources/staying-alive> (AAoS, 2016)

Creative Arts

Music:

- *Identified gap in available resources*

Art and Craft:

- Bilby Mask
www.forteachersforstudents.com.au/site/wp.../pdfs/tmpl-bilby-mask.pdf

Role play:

- *Identified gap in available resources*

Experiences

Field Trips:



Adelaide Zoo learning experiences
Learning experiences for all age groups, linked to the curriculum.
<http://www.zoossa.com.au/zoo-learning-programs/>



Bunyaville Environmental Education Centre, programs for all year levels & curriculum links & risk assessment info.
<http://www.bunyavileec.eq.edu.au/programs/easter-bilby-adventure/easter-bilby-adventure.html>

School visits:

- *See existing resources*