



Environments

Earth and Space Sciences



Written for the Australian Curriculum: Science

Sienna Osborne | Randall Hall | Richard John

AUSTRALIAN CURRICULUM: SCIENCE

Strand:	Science Understanding, Science as a Human Endeavour
Sub-strand:	Earth and Space Sciences
Descriptor:	Observable changes occur in the sky and landscape People use science in their daily lives, including when caring for their environment and living things

SCIENCE WORDS

Environments, natural, constructed, managed, built, world, discovered

INFORMATION FOR PARENTS OR CAREGIVER

Helping your child learn to read is a rewarding and enjoyable experience for both you and your child. Here are some ways you can help your child with their reading.

BEFORE READING

- Introduce the book; read the title and look at the picture on the front cover. Ask what the book might be about.
- Look through the book and talk about the pictures. Do they notice any difference between the different environments?
- Refer to the science words. Discuss each word and its meaning. These words will appear in the book.

DURING READING

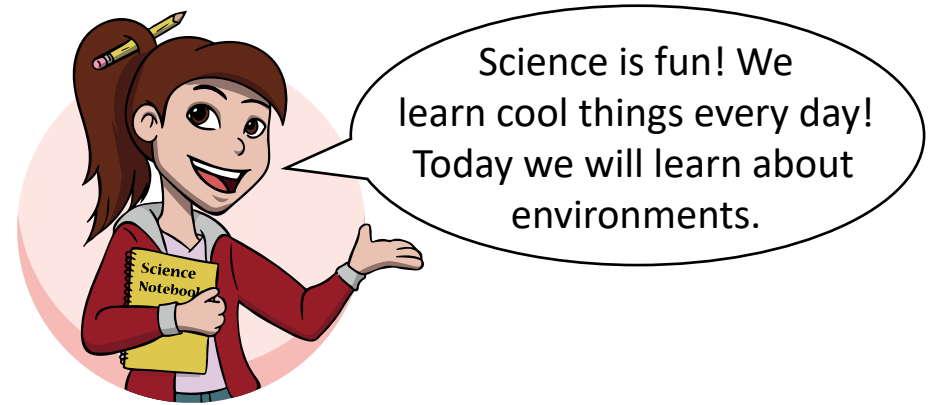
- At this level, your child should attempt to read their home reader on their own. There may be words they are unsure of. Encourage them to break these words down into their individual sounds, blending them from left to right.
- Stop your children on the pages where Suzie the Scientist appears. Discuss the science vocabulary and interesting information presented.

SCIENCE CONCEPTS IN THIS BOOK

This book deals with features of natural environments, managed environments and constructed environments. A natural environment is a geographic region encompassing all living and non-living things where there has been little or no human impact. These regions can include oceans, deserts, coastlines, mountain ranges and some forests. The Wildlife Conservation Society estimates that only 17% of land on earth can be considered pristine – i.e. virtually untouched by human activity.

A managed environment is a region controlled by humans to preserve and cultivate natural resources with a view to improving human welfare. Farms and crop lands are examples of managed environments; so too are your gardens and lawns at home. Conservation parks and national parks are other examples of managed environments.

A constructed environment refers to man-made surroundings which provide the setting for human activities. Constructed environments can range in size from large cities to your house and even the dog kennel your dog sleeps in.



Environments

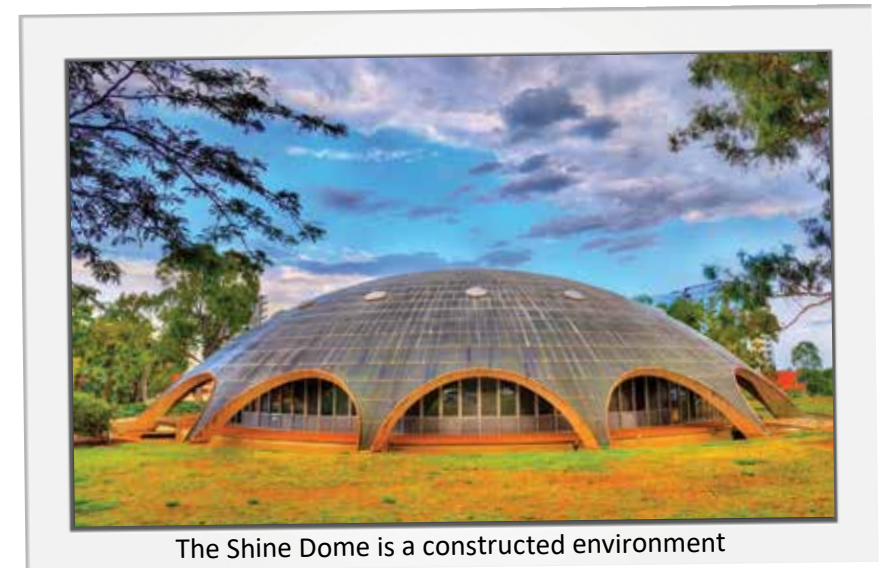
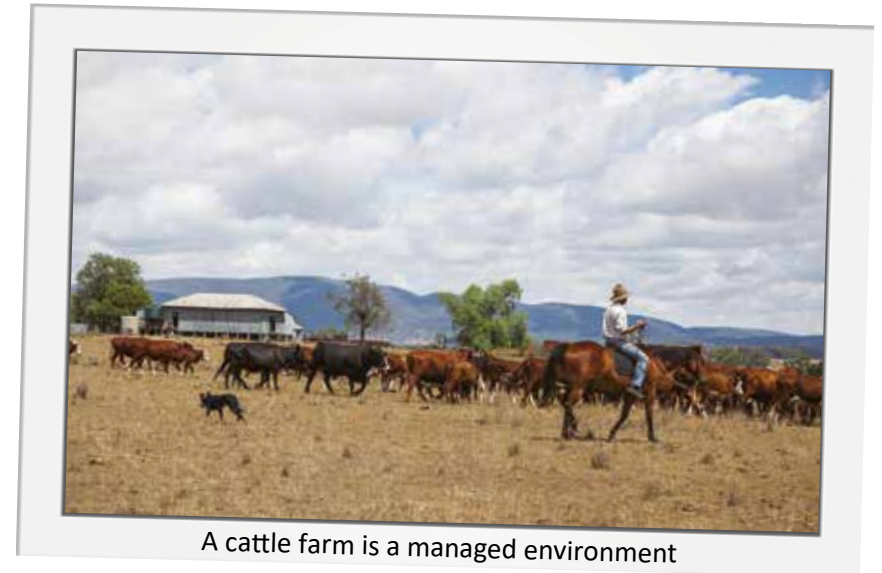
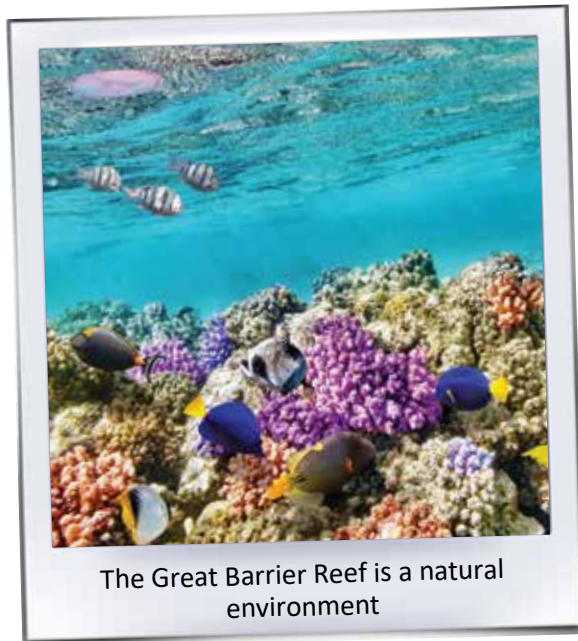


Written for the Australian Curriculum: Science

Sienna Osborne | Randall Hall | Richard John

There are many different environments in the world that we live in.

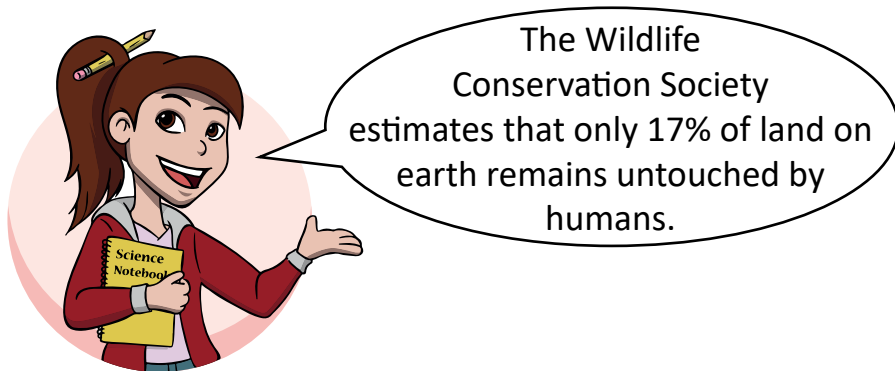
Some are natural environments, some are constructed environments and some are managed environments.



Natural Environments

Natural environments are places that have not been built or changed by people.

Natural environments existed before people discovered them.

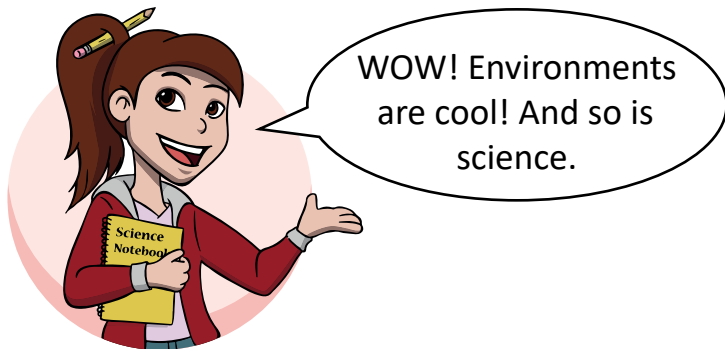


A beach is a natural environment.



A desert is a natural environment too.

What types of environments
can you see around your
school?



AFTER READING

Ask your child what the book was about and encourage them to re-tell it in the order in which it appeared.

Discuss the following with your child to assist in understanding the content of the book:

- What type of environment is a desert?
 - What are the differences between a natural environment and a constructed environment?
 - In which environment do you think you would find the most wildlife? Why do you think this would be the case?
 - Which of the environments in this book would make you feel the happiest?
-

First published in Australia in 2017
Publicious Pty Ltd

Copyright © Sienna Osborne, Randall Hall, Richard John 2017

Reproduction and communication

Apart from any fair dealing for the purposes of private study, research, criticism or review, as permitted under the Act no part of the this book may be reproduced, stored in a retrieval system, communicated or transmitted in any form or by any means without prior written permission. Inquiries should be addressed to the publisher

National Library of Australia Cataloguing-in-Publication data:
Osborne, Sienna; Hall, Randall; John, Richard
Environments
ISBN: 978-0-6481833-4-1

Printed in Australia

Acknowledgements

Series Illustrators: Gemma Duffill, Sam Dunn, Carissa Harris, James Elms
Series Graphic Artist: Sam Dunn
Series Consultants: Samantha Hutchinson, Gayle Brent
Images: Shutterstock

Community Partners

The authors gratefully acknowledge the support of the following people and organisations for their assistance in the production and distribution of this series:

Jock and Beverly McIlwain, Mermaid Waters, Queensland, Australia
Griffith University, Queensland, Australia
Rotary International, Australia, District 9640
P&Cs Queensland



Environments

Earth and Space Sciences

In this book Suzie the Scientist helps us learn about environments. We explore natural environments, constructed environments and managed environments. Suzie helps us understand the difference between each of these types of environments.

Australian Curriculum: All books in the 'Suzie the Scientist' series are written for the *Australian Curriculum: Science* and align directly to what children learn in the classroom. This book addresses the learning outcome "Observable changes occur in the sky and landscape" from the Earth and Space Sciences sub-strand.



Wow!
Environments
are cool! And so
is science.

PARENTS, READ ALONG WITH SUZIE!

*Throughout this book Suzie the Scientist tells us interesting scientific facts. Use these pages to encourage further interest and discussion about **environments** with your child.*

Suggested Reading Level:



PM 13-16, Fountas & Pinnell H-I



ISBN 978-0-6481833-4-1



9 780648 183341 >

Publicious Pty Ltd | Gold Coast, Australia
www.suziethescientist.com.au