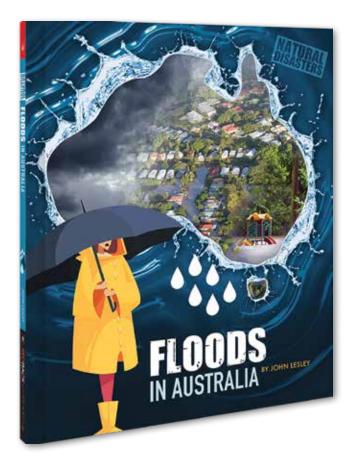


# TEACHERS' NOTES

# FLOODS IN AUSTRALIA NATURAL DISASTERS





SERIES Natural Disasters
TITLE Floods in Australia

**AUTHOR** John Lesley

**PUBLISHER** Redback Publishing

(Also online at REDeBOOKS.com.au)

PUBLICATION DATE April 2024

ISBN 978-0-994624-79-6

**PRICE** \$29.99

FORMAT Hardback, 277x223mm
EXTENT 32 pages, full-colour
GENRE Children's non fiction,

Geography

AGE SUITABILITY Interest age 7-12 years
READING AGE Primary school years 3 to 6

BIC/CBMC YQG/D5N79

### **ABOUT THE SERIES**

Droughts, floods, cyclones and bushfires have influenced Australia for thousands of years. Some native plants and animals have even adapted to the unavoidable recurrence of these destructive forces of nature. How is climate change affecting these cycles of nature, and how are Australia's farms, cities and bushland affected?

#### **ABOUT THE BOOK**

Floods periodically create devastation across parts of Australia, where they destroy towns, take lives and ruin farming land. The increasing urbanisation of Australia has contributed to flooding that creates misery and hardship.

Floods have always been a part of the Australian landscape, and, despite their destructive power, they also bring water to parched deserts and dry lakes. Over millions of years, plants and wildlife have adapted to the regular floods, and some even depend on them for their continued survival.



## **CONTENTS**

What is a Flood? Types of Floods Kati Thanda-Lake Eyre Safety in Floods Emergency Services After the Flood Cyclones and Floods History of Floods Worst Floods Climate Change Wildlife and Floods 1 in 100 Year Flood Glossary Index



## **TEXT AND ILLUSTRATIONS**

Illustrations of actual floods that have occurred all across Australia accompany a text that is written to be clear and appealing to young readers in middle to upper primary school.

As the water level slowly rises across each page, the reader can see how floods affect people, animals and landscapes. The causes of flooding across Australia, and its historical importance for both the natural and the built environments, are revealed in images, graphics and text that is presented in colourful text boxes.

A guide to staying safe in flood emergencies is a useful addition that gives the reader practical tips on what to do when the water starts to rise.





### **IDEAS FOR THE CLASSROOM**

# MAKE YOUR OWN FLOOD SAFETY POSTER or SOCIAL MEDIA ARTICLE

#### Aims of This Activity

- Investigate the main points that would help a person deal with a natural disaster such as a flood.
- Think about the type of media and presentation that would be most easily understood by the majority of the population.
- Understand the situations in which words can be a barrier to understanding.

#### **Procedure**

- 1. Go to pages 12 and 13 of *Floods* by John Lesley.
- 2. Read the information about how to stay safe if you are in or near flooding water.
- 3. Make your own poster based on the information you have read, or write a social media article.
- 4. Talk about where the poster could be displayed, or what social media would be best for this purpose.

#### **DISCUSS RECOVERY FROM A FLOOD**

#### Aims of This Activity

- Know what can help make a community resilient to natural disasters.
- Become aware that all experiences are not the same or of the same intensity.
- Help build resilience in children faced with natural disasters.

#### **Procedure**

- 1. Have a class discussion about what happens after a flood is over.
- Discuss the outcomes for households, businesses and schools.
- 3. Talk about the effect on plants and animals in the wild, and compare that with the effect on farmers and their livestock and crops.
- 4. Discuss the mental effect on people.

#### **AUSTRALIAN CURRICULUM**

YEAR 4

EARTH AND SPACE SCIENCES (AC9S4U02) water cycle

YEAR 5

GEOGRAPHY (AC9HS5K05) management of Australian environments

EARTH AND SPACE SCIENCES (AC9S5U02) weathering, erosion, transportation and deposition

YEAR 6

SCIENCE AS A HUMAN ENDEAVOUR (ACSHE100)











# ALL TITLES IN THE REDBACK PUBLISHING SERIES NATURAL DISASTERS

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BUSHFIRES IN AUSTRALIA	978-1-922322-46-3	\$29.99	
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