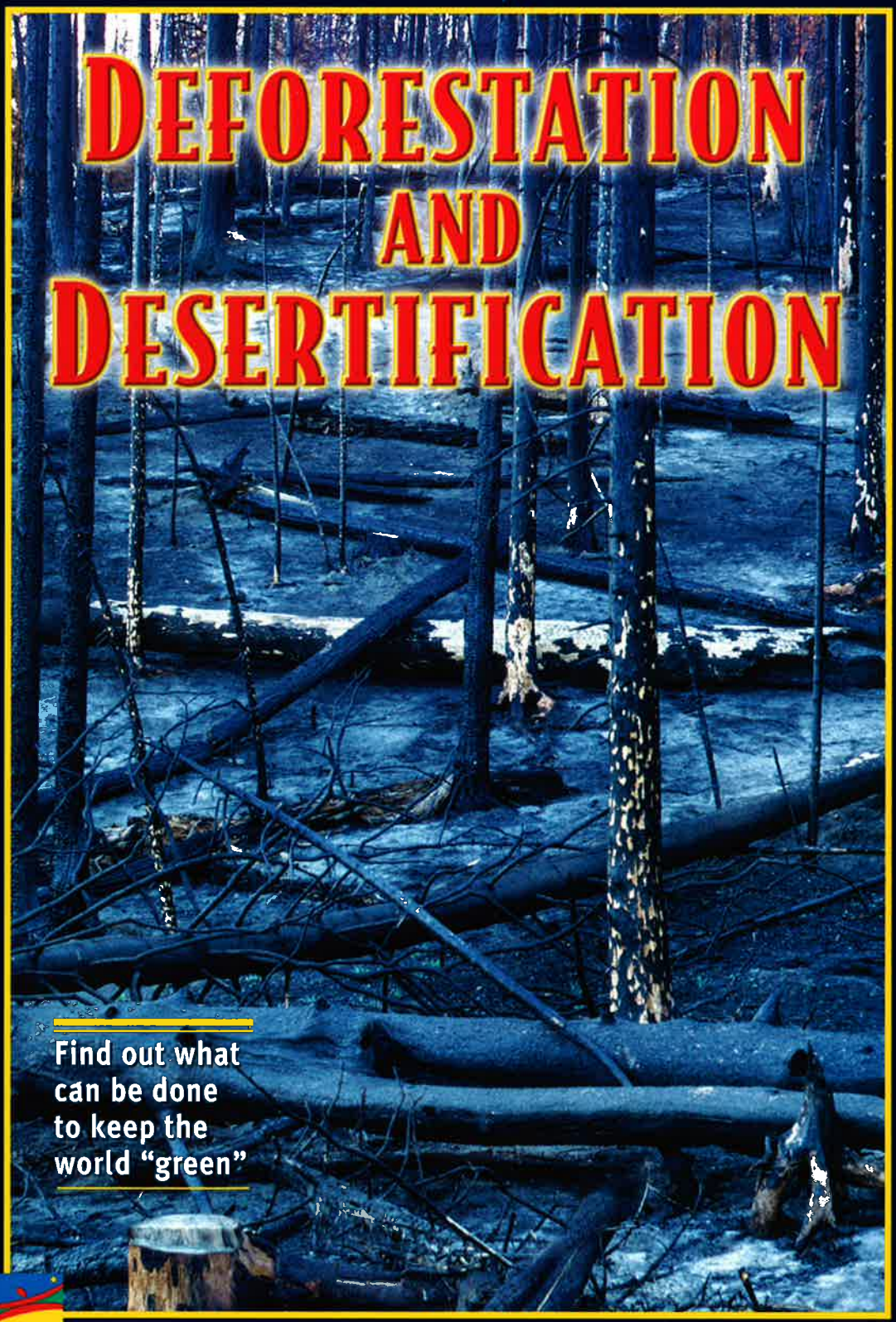
BRIDGES™

DEFORESTATION AND DESERTIFICATION



Find out what can be done to keep the world "green"

BARBARA M. LINDE

Benchmark EDUCATION

SCIENCE
The Environment
Level 40 Q

For teachers' inspection ONLY

READING

Comprehension Skill:

Make Judgments

As you read this book, look for clues and evidence to help you make judgments about deforestation and desertification. Remember, judgments are based on facts, not personal opinions.

Phonics/Word Study:

Comparatives

As you read, look for comparatives like **fewer** and **largest**. Comparatives are words that describe how people, places, and things differ.

Look for these text and graphic features.

Text Features

- Table of contents
- Introduction
- Sidebars
- Conclusion
- Glossary
- Index
- Information about the author
- Vocabulary words in boldfaced type
- Captions for photos, diagrams, and illustrations
- Lists with bullets. Page 6
- Checkpoints. Check yourself to see that you understand what you have read. Pages 21, 29

Graphic Features

- Photographs
- Maps. Pages 3, 10, 19, 20
- Charts. Pages 8, 24
- Pie chart. Page 11
- Labeled diagram. Page 17

SCIENCE

The Big Idea:

This book describes what happens to Earth when desertification and deforestation occur. It explains what happens to people, animals, and the economy.

Look for these special information features.

Content Sidebars

- It's a Fact. Interesting facts about deforestation and desertification. Pages 5, 9, 10, 13, 19, 23
- Solve This. Solve these math problems to learn more about deforestation and desertification. Pages 11, 16, 24
- Everyday Science. See how science is part of your daily life. Page 14
- They Made a Difference. Meet people who are important to the prevention of deforestation and desertification. Page 27
- Primary Source Documents. Examine original documents from the past. Page 20

Content Vocabulary

atmosphere	drought	pollution
deforestation	ecotourism	sandstorm
desert	erosion	tsunami
desertification	habitat	

Copyright © 2007 Benchmark Education Company, LLC. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage or retrieval system, without permission in writing from the publisher.

ISBN: 978-1-4108-7667-6

For information about ordering, call Toll-Free **1-877-236-2465** or visit our Web site: **www.benchmarkeducation.com.**

DEFORESTATION AND DESERTIFICATION

For teachers' inspection ONLY

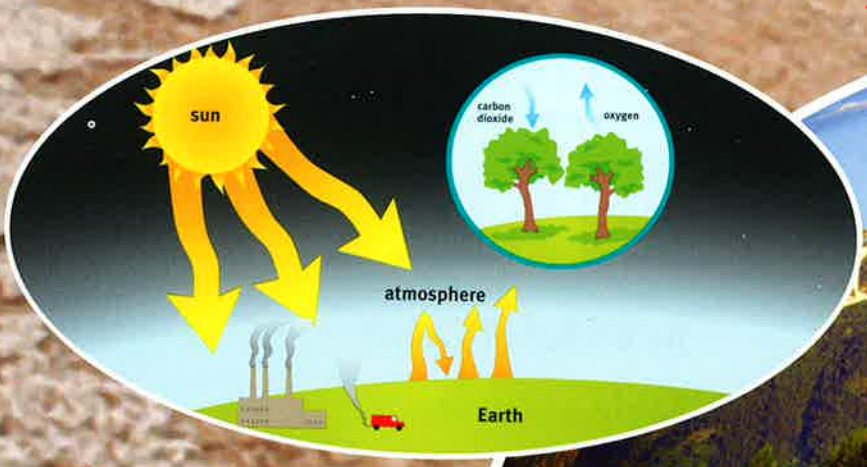
by Barbara M. Linde

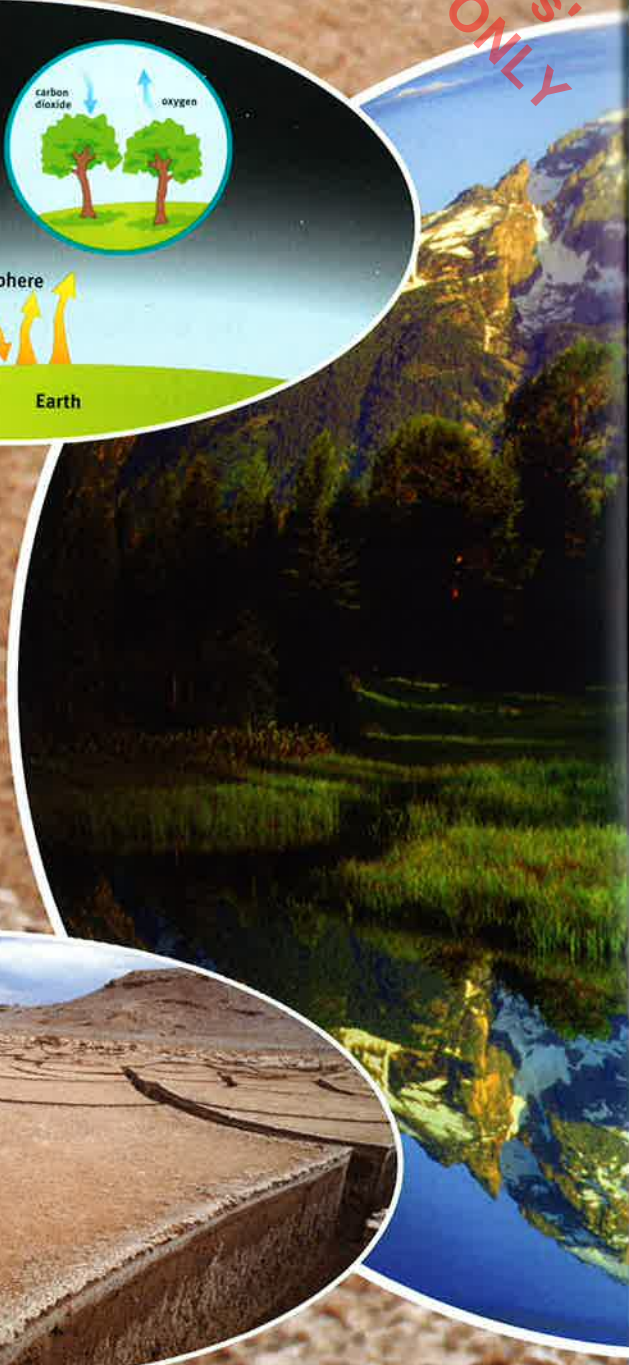
Table of Contents

Pictures To Think About i
Words To Think About iii
Introduction 2
Chapter 1
Losing Our Forests 4
Chapter 2
When Forests Disappear 12
Chapter 3
Desert Land and Wasteland 18
Chapter 4
When Good Land Goes Bad 22
Chapter 5
Keeping Our Forests and Our Land Safe 26
Conclusion 28
Glossary 31
Index 32

Pictures To Think About

For teachers' inspection ONLY







Deforestation and Desertification

For teachers' inspection ONLY



Words To Think About

For teachers' inspection ONLY

pollution

What do you think the word **pollution** means?

Characteristics

- poisons soil
- poisons water
- ?

Examples

- toxic chemicals
- smoke from factories
- ?

atmosphere

What do you think the word **atmosphere** means?

Latin: atmos (vapor or gas)

Latin: sphaera (sphere or ball)

Read for More Clues
atmosphere, page 16
drought, page 20
pollution, page 9

For teachers' inspection ONLY

drought

What do you think the word **drought** means?

What happens during a **drought**?

- does not rain
- ?
- soil gets dry

What does a **drought** cause?

- erosion
- ?
- no crops

For teachers' inspection ONLY

INTRODUCTION

You are in the forest. You hear the buzz of a saw. You see wood chips fly. Suddenly there is a loud cracking sound. A tree falls to the ground. Other trees begin to fall to the ground. This part of the forest is now empty land.

There is a word for what has happened to the forest. The word is **deforestation** (dee-for-eh-STAY-shuhn). Deforestation is when trees are cut down and no new ones are planted to replace them. This is happening in many places in the world.

Something else is happening to land around the world. Land that was once rich is now dry. This land lies dry and empty. Animals and plants can no longer live there. There is not enough water for them to live. The land has turned into **desert**.



▲ This hillside in British Columbia, Canada, was once covered by trees.