



Teacher Edition

AlphaWorld

Seeds On the Move

Written by
Lee Wang



First published 2003

Apart from any fair dealing for the purposes of study, research, criticism or review, as permitted under the Copyright Act of Australia, no part of this book may be reproduced by any process, or transmitted in any form, without permission of the copyright owner. Where copies of part or the whole of this book are made under Part VB of the Copyright Act, the law requires that records of such copying be kept and the copyright owner is entitled to claim payment.

Developed by
Eleanor Curtain Publishing
Text: Jenny Feely
Consultant: Susan Hill
Designed by
Alexander Stitt
Production by
Publishing Solutions

Printed in Hong Kong

ISBN 0 7253 2950 5
Pack ISBN 0 7253 2338 8
(6 Student Books +
1 Teacher Edition)

1 2 3 4 5 6 7 8 9
03 04 05

How to use this book

Before reading: Talkthrough

Talk through the book with the children. Encourage them to predict the text from the pictures and to think about the information they provide. Direct the children's attention to aspects of the text that may challenge them. Support the children to deal with these challenges by asking the *Talkthrough* questions on each page.



During reading: Observe and support

Observe the children as they read. As needed, support children by assisting them to discover and use reading strategies and cues to solve problems and respond to reading challenges that arise in the text. Encourage them to monitor their own reading. Interruptions to the child's reading should be minimal and focused on a specified learning need.



After reading: Checking comprehension, responding to text

To further develop children's understanding of the text, select activities found on the inside back cover. These whole text, sentence and word level activities reinforce the teaching focus of this book. Assessment ideas are provided to assist with planning for further teaching.



Setting the context

Bring in a range of seeds to show the children (e.g. avocado, apple, sunflower, pumpkin, grass.) Talk about the different shapes, sizes and textures of the seeds.

Ask: *Where do seeds come from? What are they for?*

Introducing the book

This book is about seeds that grow on plants and then are moved away from the plant. Eventually some of the seeds start growing in a different place. Seeds cannot



Front cover

This book is called 'Seeds On the Move'. Can you see some seeds in this picture? What is happening to them? How will they move away from the plant they grew on?

Background information

Plants have adaptations to enable their seeds to travel far from the parent plant. Some seeds are light and catch the wind. Other seeds are encased in fruit that is eaten by animals. The seeds pass through the animal and are deposited in another place. Some seeds have hooks that catch on animal fur. The animal carries the seeds away. Some seeds can float in rivers and streams. Dispersing seeds increases the chances of the plant reproducing.

move by themselves. So they use different ways of moving away from the plant they grew on. Some seeds fly away on the wind. Others catch a ride on animals and some float away in water.

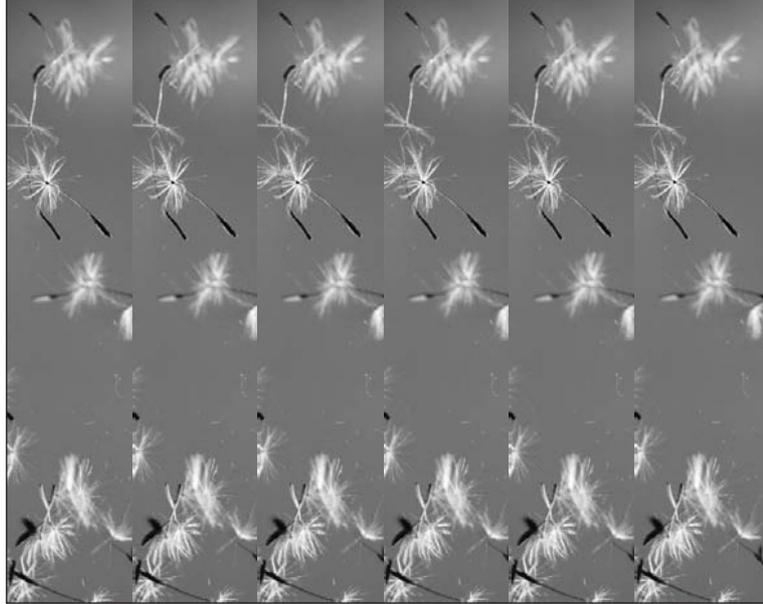


Title page

This is the title page. It tells us the name of the book.

Read the title together.

Seeds On the Move



Talkthrough

This is the contents page. It tells us which chapters are in the book and where to find them. How many chapters does this book have? What chapter is on page 10?

Contents

Seeds grow on plants 4

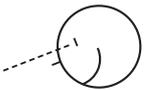
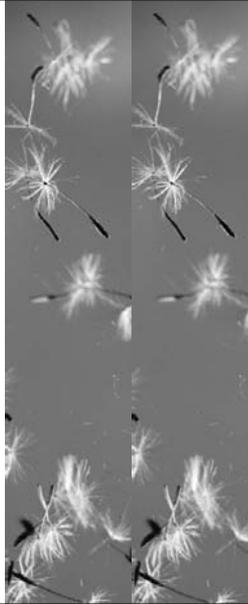
Seeds are moved by wind 8

Seeds are moved by animals 10

Seeds are moved by water 12

New plants grow 14

From seed to plant 16



Observe and support

Can the child use the contents page to find a given chapter?

Can you go to the chapter called 'New plants grow'?

What did you look at to work that out?

Seeds On the Move

Seeds grow on plants

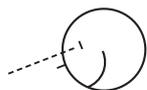
Seeds come from plants.

When seeds are ripe they leave the plants
and find a new place to grow.



Talkthrough

This is chapter one. It is called 'Seeds grow on plants'. It tells us that seeds grow on plants. It says that seeds leave the plants they grow on to find a new place to grow. Look at the pictures. Where are the seeds?



Observe and support

Can the child identify different features on the page?

Can you show me the chapter heading?

How did you know it was the chapter heading?

Seeds On the Move

Seeds are different shapes and sizes.
Seeds are moved in different ways.



Talkthrough

What shape are the seeds on this page? What size are they?

The book says that seeds of different shapes and sizes move in different ways.



Observe and support

Does the child interpret the visual information on the page?

What shape can seeds be? How do you know?

Point out a particular seed in one picture.

How do you think this seed would move?

Seeds On the Move

Seeds are moved by wind

Some seeds are moved
by the wind.

These seeds are small and light.

When the wind stops blowing,
these seeds fall.

8



Talkthrough

*Look at the pictures. What is making these seeds move?
What would this chapter be called? What shape and
size would seeds need to be to be moved by the wind?*



Observe and support

Does the child understand the literal meaning of the text?

What are seeds that are moved by the wind like? What happens when the wind stops blowing? Where does the book say this?

Seeds On the Move

Seeds are moved by animals

Some seeds are moved by animals.

Some seeds stick to the fur or wool of animals.

Other seeds are eaten by animals.



Talkthrough

Some seeds are moved by animals. Some seeds stick to animals' fur or wool. Animals eat other seeds.



Observe and support

Can the child read the text fluently?

Model fluent reading for the child.

Can you read it with me? Can you make it sound like talking? Can you read it by yourself?

Seeds On the Move

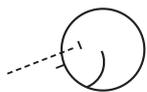
Seeds are moved by water

Some seeds are moved by water.
They float on the top of the water
until they reach land.



Talkthrough

These seeds are moved by water. They can float. The water takes them to land.



Observe and support

Can the child draw inferences from the text?
Some plants have seeds that can float. Where would these plants grow? Why?

New plants grow

Seeds are moved in many ways.
When the seeds stop moving
they can start growing.
Some seeds grow into new plants.

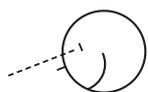


14



Talkthrough

This page tells us about what happens when the seeds stop moving. They can start growing.



Observe and support

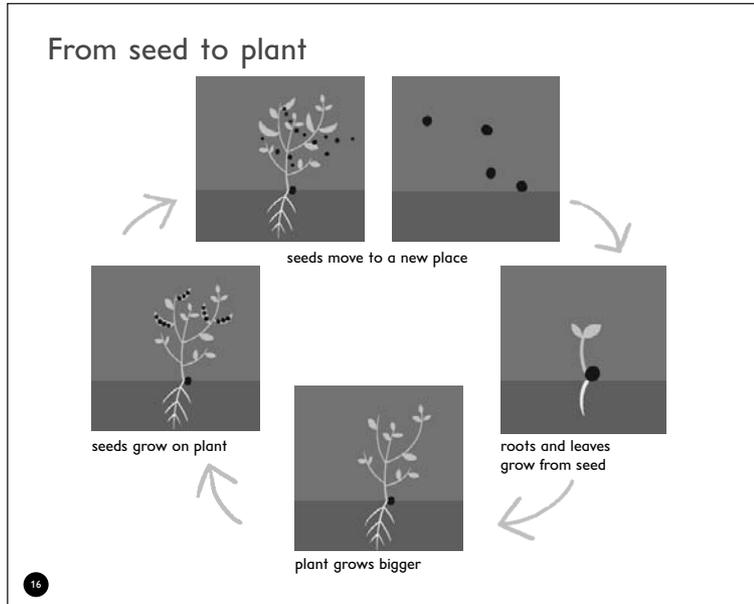
Does the child understand conditional language?
Do all seeds grow into plants? Which part of the book tells us that?



Talkthrough

This is a flow chart. It shows us the life cycle of a plant.

Point out the arrows and the continuous nature of the diagram.



Comprehension check

What are some of the ways that seeds from plants are moved from one place to another?

What happens to some of the seeds?

What would happen if seeds couldn't move away from the plant they grew on?

Responding to text



Have children use construction materials to design, build and display three seeds. One that could be moved by wind, one that could be moved by animals and one that could be moved by water. Ask children to write a caption to go with their display.



Have the children write about one of the seeds in the introduction, discussing how they might move away from the plant they grew on. Encourage children to use the book as a model.



Children could build lists of words featuring the long /e/ sound as represented by the digraphs 'ee', 'ea' and 'e-e', such as seed, seal eat, these.

For further literacy activities see the accompanying book, *AlphaWorld Literacy Learning Activities: Early Reading Levels 6–11*. It contains two reproducible blackline masters specifically related to this book.

Assessment

Can the child:

- understand technical language? (“Seeds are moved by wind.”)
- interpret pictures to explain the features of seeds that enable them to be moved by wind, water or animals?

- interpret language of classification (‘some’)?

Seeds On the Move

Topic: Plants

Curriculum link: Living Things;
Environment

Text type: Explanation

Reading level: 7

Word count: 113

High-frequency words: come, from, the, and, a, to, are, in, by, these, when, of, they, into

Vocabulary: seeds, plants, place, grow, moved, wind, animals, stick, eaten, water, float



Possible literacy focus

Understanding technical language
(e.g. seeds, plants, are moved by, wind)
within an explanation.

Understanding a flow chart.

Summary

This book is about processes of change in the natural environment. It focuses on the major ways in which seeds from plants are moved: by wind, by animals and by water. The text then describes what occurs when seeds stop moving and start to grow as new plants.

AlphaWorld



ISBN 0-7253-2950-5



9 780725 329501