

# Smart READING



Word Count ■ 200  
Lexile® ■ 600L-800L

# 6.2



# Contents



## Seeds Science

<b>Unit 1</b>	<b>The Mighty Travelers</b>	<b>Nonfiction</b>	<b>6</b>
<b>Unit 2</b>	<b>Banks for Seeds</b>	<b>Nonfiction</b>	<b>12</b>

## Clothing Social Studies

<b>Unit 3</b>	<b>Helpful Clothes</b>	<b>Nonfiction</b>	<b>20</b>
<b>Unit 4</b>	<b>Eco-Friendly Fashion Sense</b>	<b>Nonfiction</b>	<b>26</b>

## Movies Art

<b>Unit 5</b>	<b>Special Effects Makeup Artists</b>	<b>Nonfiction</b>	<b>34</b>
<b>Unit 6</b>	<b>Movie Sounds from a Kitchen</b>	<b>Nonfiction</b>	<b>40</b>

## Fun and Useful Technology

<b>Unit 7</b>	<b>Science behind a Slide</b>	<b>Nonfiction</b>	<b>48</b>
<b>Unit 8</b>	<b>Engineering with Origami</b>	<b>Nonfiction</b>	<b>54</b>



## Moving in the Water Sports

<b>Unit 9</b>	<b>Underwater Hockey</b>	<b>Nonfiction</b>	<b>62</b>
<b>Unit 10</b>	<b>Aquatic Therapy</b>	<b>Nonfiction</b>	<b>68</b>

## Water and Food Health

<b>Unit 11</b>	<b>A Body's Thirst</b>	<b>Nonfiction</b>	<b>76</b>
<b>Unit 12</b>	<b>Unhealthy Eating Habits</b>	<b>Nonfiction</b>	<b>82</b>

## Numbers Math

<b>Unit 13</b>	<b>Zero</b>	<b>Nonfiction</b>	<b>90</b>
<b>Unit 14</b>	<b>Unlucky Numbers</b>	<b>Nonfiction</b>	<b>96</b>

## Disappearing Nature Current Issues

<b>Unit 15</b>	<b>Melting Glaciers</b>	<b>Nonfiction</b>	<b>104</b>
<b>Unit 16</b>	<b>A World without Forests</b>	<b>Nonfiction</b>	<b>110</b>









Unit

1

# The Mighty Travelers

Seeds are amazing. They look like tiny, lifeless objects, but they are strong living things. All seeds share the same goal. That is to grow into a plant and produce more seeds. They will do everything they can to survive the dangers of nature to achieve their goal.

Unit

2

# Banks for Seeds





# The Mighty Travelers



Dandelion

What is this?  
What does it look like?

## Key Words



- Listen and repeat the highlighted words. Then choose the correct definitions.

1. We need to **spread out** to find the lost dog.

- (a) to move near others                      (b) to move away from others

2. I want to **travel** around the world.

- (a) to go on a trip                      (b) to stay at home

3. A parrot has bright, colorful **feathers**.

- (a) the outer covering of a bird                      (b) the outer covering of a fish

4. The snow **drifts** down from the sky.

- (a) to move in a quick, forceful manner  
(b) to move in a slow, easy manner





Why do you think these seeds have wings?

5. Be careful swimming. The **current** is strong.  
① a flowing movement of water      ② a flowing movement of earth
6. She packed a bag for the long **journey**.  
① a trip      ② work
7. Amazingly, the trees **survived** the rainless summer.  
① to continue living      ② to stop living
8. The **mighty** army fought and won the battle.  
① being very weak      ② being very strong



# The Mighty Travelers

## While You Read

What do plant and tree seeds do to survive?

03

Plants and trees need space to grow, so seeds must be able to **spread out**. Some seeds are good at **traveling** long distances. After they travel far away, they plant themselves into the ground. It becomes their new home. These seeds travel by wind, by water, and by animal.

## Traveling by Wind

Dandelion seeds travel by wind. Try blowing on a dandelion puff ball! The seeds will catch a gust of wind and fly far away. These seeds are light and look like **feathers**. They can fly away easily. Maple tree seeds also travel by wind. They have wings on them. Wind will carry maple tree seeds by their wings to new places.



**be good at** to be able to do something well

**carry** to take something from one place to another



## Traveling by Water

Some seeds use water to travel. Coconut palm trees grow near the ocean. The coconut seeds fall into the ocean. Then, they float and **drift** away on ocean **currents** until they reach a beach.



## Traveling by Animal

In New Zealand, over 70% of seeds are inside small fruits. Birds love these fruits. Birds eat **them** and fly far away. Then, the seeds come out in their droppings. The kereru, tui, and bellbird are examples of fruit-eating birds. They help the seeds make long **journeys**.



Plant and tree seeds must travel to **survive**. Seeds have become **mighty** travelers so they can spread out and grow.

**float** to be carried on water or air  
**dropping** waste from the body



## Comprehension Check

### ● Choose or write the correct answers.

1. What is the passage mainly about?

- Ⓐ the different ways that seeds travel
- Ⓑ the different kinds of seeds in the world
- Ⓒ the different animals that eat seeds

2. Which is NOT true about how seeds travel?

- Ⓐ Dandelion seeds travel by wind.
- Ⓑ Coconut seeds use ocean currents to travel.
- Ⓒ All seeds travel by animal in New Zealand.

3. Maple tree seeds have wings so they can fly away easily.

☐ True ☐ False

4. Coconut palm trees grow near lakes and rivers.

☐ True ☐ False

5. Why do seeds need to travel?

➔ They need to travel so they can \_\_\_\_\_ out and grow.

6. How do seeds travel to new places?

➔ They travel by \_\_\_\_\_, by water, and by \_\_\_\_\_.

### BACK TO THE PASSAGE

7. What does **them** refer to in the passage?

- Ⓐ journeys
- Ⓑ these fruits
- Ⓒ animal droppings

8. Plant and tree seeds need to travel to stay alive.

= Plant and tree seeds must travel to \_\_\_\_\_.



## Points to Remember

**A** Complete the chart.

### How Seeds Travel

By Wind	By Water	By Animal
_____ carries seeds and spreads them out.	Seeds _____ on water and reach new homes.	Birds eat small _____ and fly away. Seeds come out in their droppings.
<ul style="list-style-type: none"> <li>• _____ seeds</li> <li>• maple tree seeds</li> </ul>	coconut seeds	many seeds in N _____ _____

**B** Complete the sentences.

### The Mighty Travelers

- Plants and trees need space to \_\_\_\_\_. So seeds must \_\_\_\_\_ to find their new home.
- Seeds can travel by wind, by \_\_\_\_\_, and by animal.
- Wind \_\_\_\_\_ dandelion and maple tree seeds to new places.
- \_\_\_\_\_ seeds float on water and drift away to find their new home.
- Small fruit seeds can reach far away places in birds' \_\_\_\_\_.

carries

coconut

droppings

grow

water

travel