

NONFICTION

1

# FUTURE LITERACY

READING

80



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FUTURE

LITERACY

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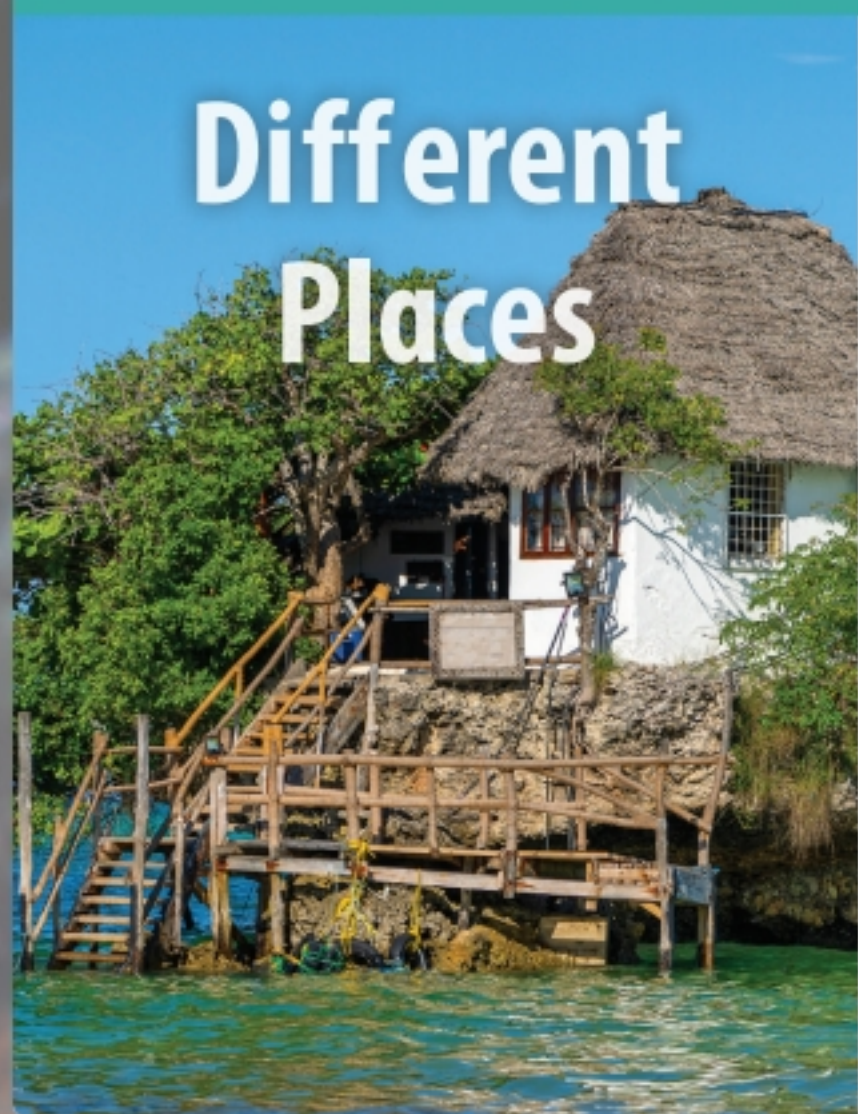
## SCIENCE



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### Word List

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# SCOPE AND SEQUENCE

SUBJECT	UNIT	TITLE	VOCABULARY
SCIENCE	1	Animals' Weather	know, when, stretch, neck, air, fat
	2	A Rainy Day	all, low, fluffy, storm, tall, top
	3	Rain, Snow, and Ice	fall, happen, snow, hail, become, dangerous
	4	Fish from the Sky	sky, surprised, tornado, wind, into, probably
SOCIAL STUDIES	5	Nature's Building Materials	Africa, rainforest, a lot of, North America, cover, of course
	6	Home on the Water	Asia, near, keep, net, sell, hundred
	7	The Sami People	Europe, language, music, reindeer, modern, office
	8	Life in the Andes	mountain, potato, corn, llama, hair, wool
PHYSICAL EDUCATION	9	Get Up and Move	shoulder, back, pain, blood, easily, get up
	10	Body Image	say, compare, magazine, real, matter, more
	11	What Does Exercise Do?	exercise, muscle, oxygen, breathe, improve, mind
	12	What Are Martial Arts?	army, soldier, fight, practice, invent, protect
MATH	13	Archimedes' Bath	thing, space, fill, bathtub, pour, excited
	14	Counting Raindrops	most, least, raindrop, gauge, measure, millimeter
	15	Faster! Faster!	before, rider, kilometer, difficult, messy, first
	16	Tallest and Shortest	average, centimeter, short, gigantic, tiny, difference





- V** Vocabulary
- W** Writing
- B** Background Knowledge
- D** Digital Reading

KEY PATTERN	LITERACY UPGRADE
Farmers <b>need to know</b> about the weather.	<b>V</b> Graphic Organizer, Weather
<b>It's</b> cloudy <b>outside</b> .	<b>W</b> <u>It's</u> cloudy outside. / They <u>don't</u> make rain.
Water <b>moves up and down</b> inside storm clouds.	<b>B</b> The Water Cycle
People there <b>were surprised</b> .	<b>D</b> Weather Forecast Script
<b>There are</b> rainforests.	<b>V</b> Graphic Organizer, Definitions
People lived this way for <b>hundreds of</b> years.	<b>W</b> The nets are <u>under</u> their homes.
They <b>are different from</b> any other languages.	<b>B</b> Polar Bears and Arctic Foxes
Potatoes and corn <b>come from</b> the Andes.	<b>D</b> Social Media Advertisement
Sitting <b>is hard for</b> your shoulders and back.	<b>V</b> Graphic Organizer, Body Parts
They <b>compare</b> themselves <b>to</b> others.	<b>W</b> Most people <u>don't</u> look like that. / These pictures <u>aren't</u> real.
<b>It is time to</b> exercise.	<b>B</b> The Heart
They are <b>good for</b> your health.	<b>D</b> Online News Story
Things <b>take up</b> space.	<b>V</b> Graphic Organizer, Unscrambling Letters, Definitions
<b>How much</b> rain does your hometown get?	<b>W</b> You <u>can't</u> count every raindrop.
They were <b>faster than</b> horses.	<b>B</b> Karl Benz
He is gigantic <b>next to</b> most people.	<b>D</b> Online Chat



# HOW TO USE THIS BOOK

## STUDENT BOOK

### VOCABULARY PREVIEW

Every four units, a list of key words is given along with a QR code to practice the words in the exciting Word Kingdom game.



### ACADEMIC OBJECTIVES

This section states what students will learn in the four thematically integrated units.

### READ AND THINK

These preview questions help draw the students' focus to the subject of the units.



## AUDIO QR

A QR code at the beginning of each unit links to the audio tracks of the Vocabulary Zone and Reading section.

# 1

## Animals' Weather



**Warm Up**

The weather changes often. It can be sunny one day and rainy the next. People use technology to predict the weather. But animals can predict the weather, too.

**Answer the question.**

■ How can animals predict the weather?

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### Vocabulary Zone

**A Look, match, and listen.**

<p><b>1</b> </p> <p><b>3</b> </p> <p><b>5</b> </p>	<p>• <b>a</b> neck •</p> <p>• <b>b</b> fat •</p> <p>• <b>c</b> when •</p> <p>• <b>d</b> know •</p> <p>• <b>e</b> stretch •</p> <p>• <b>f</b> air •</p>	<p><b>2</b> </p> <p><b>4</b> </p> <p><b>6</b> </p>
--	--	--

**B Look and write the missing letters to complete the sentences.**

- 1.** The giraffe has a long \_\_\_\_\_.ck.
- 2.** Don't forget to \_\_\_\_\_retch before you exercise.
- 3.** The cat is short and f\_\_\_\_\_.

**C Check the best words for the blanks.**

1. Sarah eats \_\_\_\_\_ she feels hungry.  
☐ and      ☐ about      ☐ when
2. We need \_\_\_\_\_ to breathe and live.  
☐ rain      ☐ air      ☐ winter
3. Do you \_\_\_\_\_ the answer to this question?  
☐ read      ☐ dance      ☐ know

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## WARM UP

A level-appropriate question helps students activate their background knowledge and think about the unit topic.

## VOCABULARY ZONE

Students learn the unit key words and then perform fill-in-the-blank and multiple choice activities to help strengthen memory retention and ensure they understand not only the words' meanings but also their usage in context.



## VIDEO LINK

Videos related to the main passage are available to boost students' understanding. Click the icon in the eBook to view the videos.

## KEY PATTERN

Students practice the Key Pattern from the reading passage with other example sentences.

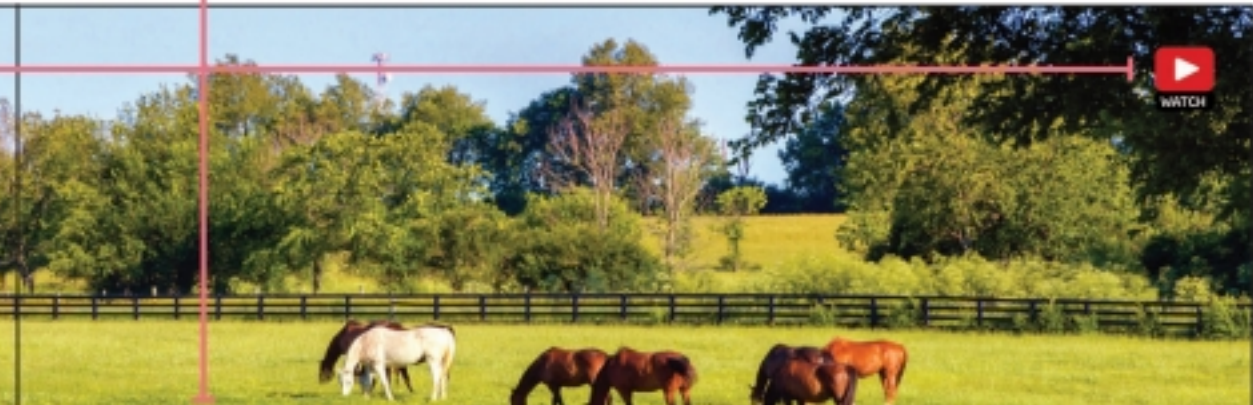


### A Listen and read out loud. 🎧

Farmers need to **know** about the weather.  
Their farms need it!  
Animals can help.  
Cows and horses know **when** it will rain.  
They **stretch** their **necks**.  
They smell the **air**.  
Then the farmer knows it will rain.



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### Key Pattern ♀

Practice the key pattern.

- ✓ Farmers **need to know** about the weather.
- You **need to know** how to use the machine.
- We **need to know** about good manners.



Winter is coming.  
The rabbits are eating a lot.  
They are getting very **fat**.  
Then the farmer knows it will be a long, cold winter.  
How do the animals know?

### B Find and write the sentence with the key pattern in the reading.

### C Choose the correct answers.

- Why do farmers watch the animals?  
☐ a to change the weather ☐ b to know about the weather
- How do farmers know it will be a long, cold winter?  
☐ a The cows and horses smell the air. ☐ b The rabbits get very fat.

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## READING A

Students read a level-appropriate passage about a familiar and interesting topic using the key words.

## READING B

Students review the Key Pattern of the reading.

## READING C

Students complete a quick comprehension check to confirm their understanding of the passage's details while it is fresh in their minds. This will prepare them for the following comprehension questions.



### Literacy Training

**A Read and choose the correct answers.**

**MAIN IDEA** 1. What is the reading mainly about?

☐ a farmers  
☐ weather and animals  
☐ winter

**DETAIL** 2. Farmers need to know about the weather for their \_\_\_\_\_.

☐ TVs ☐ farms ☐ houses

**VOCABULARY** 3. The word **when** in the reading means \_\_\_\_\_.

☐ what place ☐ what time ☐ the way

**DETAIL** 4. What do cows and horses do before it rains?

☐ They get fat. ☐ They eat a lot. ☐ They smell the air.

**B Circle T if the sentences are true, and F if they are false.**

1. Thanks to cats, farmers know it will be rainy. T F

2. Horses stretch their necks and smell the air to predict rain. T F

3. Rabbits get thin in the winter. T F

**C Read and fill in the blanks.**

1. Cows, \_\_\_\_\_, and rabbits can help farmers predict the weather.

2. Farmers know it will be a long, \_\_\_\_\_ winter when they see fat rabbits.

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### Literacy Upgrade

**Vocabulary**

**A Complete the graphic organizer. One word is extra.**

fat    neck    stretch    know

**Main Idea**

Animals can help farmers (1) \_\_\_\_\_ about the weather.

**Supporting Idea 1**

Cows and horses know when it will rain.

**Detail 1**

They (2) \_\_\_\_\_ their necks.

**Supporting Idea 2**

Rabbits know about the winter.

**Detail 3**

They eat a lot.

**Detail 4**

They get very (3) \_\_\_\_\_.

**B Read the words about the weather. Write the numbers in the boxes to match the words and pictures.**

cloudy ☐

cold ☐

foggy ☐

hot ☐

rainy ☐

windy ☐

1.

2.

3.

4.

5.

6.

**C Complete the sentences with words from above.**

1. You should take an umbrella because it is \_\_\_\_\_ outside.

2. She felt \_\_\_\_\_, so she drank hot chocolate.

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## LITERACY TRAINING

Students complete a variety of reading comprehension questions and exercises. These exercises engage students by going beyond the main idea and asking about specific details of the reading. This helps form a solid foundation in reading literacy.

## LITERACY UPGRADE

Students are introduced to a sequential cycle of interconnected modules: Vocabulary, Writing, Background Knowledge, and Digital Reading. Innovative videos in the Digital Reading section extend the learning experience beyond the traditional page.

# WORKBOOK

## VOCABULARY CHECK

Students review the key words and practice spelling them through puzzles.

## COMPREHENSION CHECK

Students recall key information from the reading and practice what they have learned.

### 1 Animals' Weather

#### Vocabulary Check

Complete the puzzle.

know    when    stretch    neck    air    fat

**Across →**

1. When rabbits eat a lot, they get \_\_\_\_\_.

4. Cows and horses \_\_\_\_\_ their necks to know when it will rain.

5. A \_\_\_\_\_ connects our head to our body.

**Down ↓**

2. Cows and horses might smell rain if they smell the \_\_\_\_\_.

3. How do animals know \_\_\_\_\_ it will rain?

6. Farmers need to \_\_\_\_\_ about the weather.

#### Sentence Check

Unscramble the sentences.

1. Cows and horses    it will rain    know when

2. a lot    are eating    The rabbits

3. know    How do    the animals

4

#### Comprehension Check

**A Check the correct sentences.**

1. ☐ Farmers need to change the weather.  
☐ Farmers need to know about the weather.

2. ☐ Cows help the farmer know when it will rain.  
☐ Cows help the farmer know about the winter.

3. ☐ Rabbits get very fat when a long, cold winter is coming.  
☐ Horses get very fat when a long, cold winter is coming.

**B Circle T for true or F for false.**

1. Farmers need to know about the weather for their farms. T F

2. Cows smell the air when winter is coming. T F

3. Rabbits get very fat for a hot summer. T F

#### Summary

Complete the summary.

air    fat    know    necks    rabbits    weather

Cows and horses stretch their (1) \_\_\_\_\_. They smell the (2) \_\_\_\_\_. The farmers (3) \_\_\_\_\_ it will rain soon. Animals help farmers know what the (4) \_\_\_\_\_ will be like. Farmers know it will be a long, cold winter by watching the (5) \_\_\_\_\_. They eat a lot and get very (6) \_\_\_\_\_ when a long, cold winter is coming.

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## SENTENCE CHECK

Students practice writing sentences by doing an unscrambling activity.

## SUMMARY

Students check their understanding by completing a summary of the reading passage.



# Weather

## ■ Academic Objectives

- Understand common and unusual kinds of weather.
- Understand the effects of weather on local areas.

## ■ Read and Think

- What kinds of weather do you know?
- What causes different kinds of weather?



## Vocabulary Preview

1

air  
fat  
know  
neck  
stretch  
when

2

all  
fluffy  
low  
storm  
tall  
top

3

become  
dangerous  
fall  
hail  
happen  
snow

4

into  
probably  
sky  
surprised  
tornado  
wind



Game



# 1 Animals' Weather



## Warm Up

The weather changes often. It can be sunny one day and rainy the next. People use technology to predict the weather. But animals can predict the weather, too.

**Answer the question.**

- How can animals predict the weather?



# Vocabulary Zone

## A Look, match, and listen. TRACK 02



- **a** neck •
- **b** fat •



- **c** when •
- **d** know •



- **e** stretch •
- **f** air •



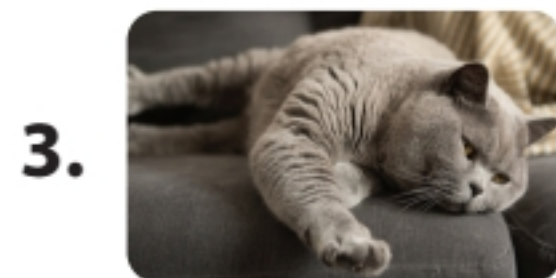
## B Look and write the missing letters to complete the sentences.



The giraffe has a long \_\_\_\_ ck.



Don't forget to \_\_\_\_ retch before you exercise.



The cat is short and f \_\_\_\_ .

## C Check the best words for the blanks.

1. Sarah eats \_\_\_\_\_ she feels hungry.

☐ and

☐ about

☐ when

2. We need \_\_\_\_\_ to breathe and live.

☐ rain

☐ air

☐ winter

3. Do you \_\_\_\_\_ the answer to this question?


☐ read

☐ dance

☐ know





**A** Listen and read out loud. 

Farmers need to **know** about the weather.

Their farms need it!

Animals can help.

Cows and horses know **when** it will rain.

They **stretch** their **necks**.

They smell the **air**.

Then the farmer knows it will rain.





## Key Pattern ♀

Practice the key pattern.

- ✓ Farmers **need to know** about the weather.
- You **need to know** how to use the machine.
- We **need to know** about good manners.



Winter is coming.

The rabbits are eating a lot.

They are getting very **fat**.

Then the farmer knows it will be a long, cold winter.

How do the animals know?

**B** Find and write the sentence with the key pattern in the reading.

**C** Choose the correct answers.

1. Why do farmers watch the animals?

**a** to change the weather

**b** to know about the weather

2. How do farmers know it will be a long, cold winter?

**a** The cows and horses smell the air.

**b** The rabbits get very fat.