





## CONNECT

Starter Dream Discover Develop Connect Change

Create

Nancy Furstinger · Christine Kohler Susan Ludwig · Kelli Ripatti

## **Table of Contents**

- Unit 1 Volunteering with Technology / 8
- Unit 2 Junior Red Cross / 12
- Unit 3 Earth Day / 16
- Unit 4 Two Boys and a Volunteer Worker / 20
- Unit 5 Doctors and Technology / 24
- Unit 6 Laser Eye Surgery / 28
- Unit 7 Healthy Astronauts / 32
- Unit 8 Fitness Trackers / 36
- Unit 9 A Fictional Language / 40
- Unit 10 The Brontë Sisters / 44
- Unit 11 A Young Writer / 48
- Unit 12 Jules Verne: The Father of the Future / 52
- Unit 13 Lotte World Tower / 56
- Unit 14 The Meaning of Zero / 60
- Unit 15 Graphs / 64
- Unit 16 Pyramids and Angles / 68

# Scope & Sequence

Subject	Unit	Title	Word Count	Reading Skill		
0	1	Volunteering with Technology	133	Main Idea & Details		
SO(	2	Junior Red Cross	134	Problem & Solution		
DIES	3	Earth Day	139	Main Idea & Details		
0,	4	Two Boys and a Volunteer Worker	136	Sequencing		
SCIENCE	5	Doctors and Technology	139	Main Idea & Details		
	6	Laser Eye Surgery	138	Sequencing		
	7	Healthy Astronauts	138	Cause & Effect		
	8	Fitness Trackers	140	Main Idea & Details		
	9	A Fictional Language	131	Main Idea & Details		
_ITERATUR	10	The Brontë Sisters	120	Sequencing		
	n	A Young Writer	134	Main Idea & Details		
R	12	Jules Verne: The Father of the Future	131	Sequencing		
	13	Lotte World Tower	132	Main Idea & Details		
MATH	14	The Meaning of Zero	139	Main Idea & Details		
	15	Graphs	142	Categorizing		
	16	Pyramids and Angles	120	Main Idea & Details		

	Vocabulary		Project	21 <sup>st</sup> Cent	ury Skills
shelter donation	volunteer adopt	inspire spread	Helping Your Neighborhood	Creativity	Collaboration
organization destroy	box poor	raise save	Helping Others	Collaboration	Communication
importance grass	environment garbage	nature remove	Helping the Environment	Collaboration	Communication
company r devise	neighborhood several	earn treat	Starting a Company	Critical Thinking	Creativity
disease analyze	medical healthy	mistake history	Future Jobs	Critical	Thinking
surgery surgeon	laser focus	eyesight heal	Eye Health	Collaboration	Communication
gravity headache	blood weak	dizzy equipment	Staying Healthy	Collaboration	Communication
keep track heartbeat	step vibrate	model gentle	Check Your Heartbeat	Collaboration	Communication
character system	believe alphabet	entire continue	My Favorite Character	Commu	nication
countryside publish	pass writer	novel eventually	My Favorite Writer	Commu	nication
intelligent play	interest fantasy	literature successful	Who's the Smartest?	Critical Thinking	Communication
future exist	describe invent	subway predict	Predict the Future	Creativity	Communication
tower earthquake	impressive ton r	above measurement	Impressive Skyscrapers	Commu	nication
nothing remain	add multiply	subtract divide	Helpful Zero	Critical Thinking	Collaboration
graph fraction	across form	round connect	Weekend Activities	Collaboration	Communication
degree pile	angle pour	secret steep	How Were Pyramids Built?	Creativity	Collaboration

# How to Use

## Student Book

#### WARM-UP ←

A short reading and questions with an impactful image helps students activate their background knowledge and approach the topic.

#### **NEW WORDS** ←

Learn the meaning of important vocabulary with pictures.



#### **VOCABULARY SKILLS & READING SKILLS**

Vocabulary Skills and Reading Skills enhance students' understanding of the passage.

#### READING

 $\rightarrow$ 

Reading the passage, students learn new information related to school subjects. New words are bolded in the passage.

 $\rightarrow$  The images help students understand the text and give more information about the topic.

WARM-UP

#### **READING** ← **COMPREHENSION**

Comprehension questions ensure understanding.

#### **READING SKILLS** ←

Students use different graphic organizers to practice reading skills.

#### **READING COMPREHENSION** one the right arrest

#### ING SKILLS Main M



## VOCABULARY as the right word to complete each PROJECT My Favorite Ch

#### 

Students learn the meaning and use of each word.

#### $\rightarrow$ **PROJECT**

Project uses the topic of the unit and allows students to think of further steps. Students can develop 21<sup>st</sup> century skills through the Project.

### Workbook





#### → COMPREHENSION CHECK

Comprehension Check gets students to recall the passage and think more deeply.

#### → SUMMARY

Students summarize information from the passage. By completing the summary, they check their understanding of the passage and vocabulary together.

#### **VOCABULARY CHECK**

Vocabulary Check gets students to recall the meaning, usage, and spelling of vocabulary.



# Earth Day

**Social Studies** 

## WARM=UP

April 22<sup>nd</sup> is Earth Day. There are lots of ways to make our planet better. For example, we can plant trees. That will help make the Earth healthier.

#### Answer the questions.

- What are the children doing?
- What do you do to make the Earth healthier?

## NEW WORDS

#### Listen and match the word with its meaning.



- a. the natural world
- b. the quality of having great value
- a. everything on the Earth that is not made by people
- b. to take away
- a. things people throw away; trash
- b. green plants that grow in fields and are eaten by animals







## **READING T**ack Listen and read.

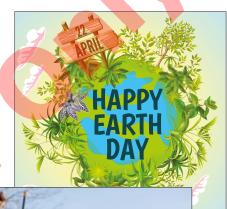
## Earth Day

April 22<sup>nd</sup> is Earth Day. It is a special day around the world. On Earth Day, students learn about the **importance** of the Earth's **environment**. Some teachers <u>take</u> their class to a park. There are many things they can do at the park on Earth Day.

Students can enjoy **nature** in the park. They can look at the plants and animals. They can play on the **grass** and learn about nature.

Teachers and students can also help keep the park clean. They can pick up garbage and put <u>it</u> in garbage cans.

Students can also help make the park look nice. They can remove the weeds. And they can plant trees and flowers.





Doing these things on Earth Day is a good way to think about why the Earth's environment is important and what we can do to help.

Reading Time: \_\_\_\_\_m \_\_\_\_s / 139 words

#### VOCABULARY SKILLS

- 1. What does take mean in the reading? a. to carry b. to go with c. to send
- 2. What does it refer to in the reading?a. the garbage b. the park c. the can

#### **READING SKILLS**

#### Main Idea & Details

- How can teachers and students help keep the park clean? <u>Underline</u> the sentence in the passage.
- 2. How can students help make the park look nice? <u>Underline</u> the sentences in the passage.

## **READING COMPREHENSION**

#### Choose the right answer.

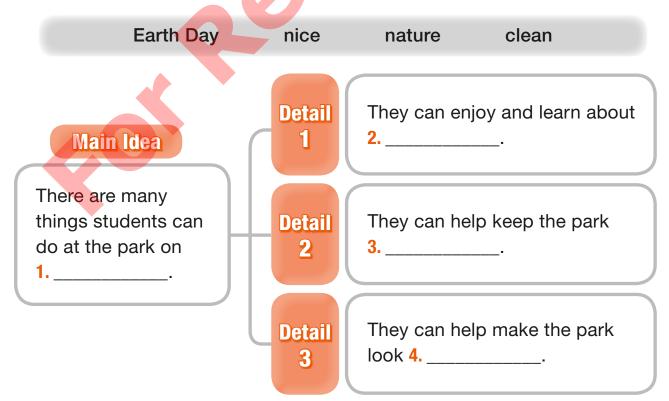
- 1. What is the reading mainly about?
  - a. What students can do on Earth Day
  - b. Where the best park for enjoying nature is
  - c. People who plant flowers and trees at the park
  - d. Why parks are important
- 2. What do students pick up in the park?
  - a. Plants b. Grass c. Garbage
- 3. Which is NOT true according to the reading?
  - a. Students learn about the importance of weeds on Earth Day.

d. Flowers

- b. Earth Day is on April 22<sup>nd</sup>.
- c. Students can learn about nature at the park.
- d. Teachers and students can help clean the park.

## **READING SKILLS** Main Idea & Details

#### Complete the chart with the words in the box.





#### Choose the right word to complete each sentence.

garbage nature remove importance grass environment

- 1. Before a test, you must \_\_\_\_\_\_ all of your books from your desk.
- 2. Jen loves hiking and being close to \_\_\_\_\_.
- 3. The children played soccer on the \_\_\_\_\_.
- 4. Please don't leave your \_\_\_\_\_ on the ground.
- 5. My parents teach me that we have to take care of the
- 6. We learned about the \_\_\_\_\_\_ of plants and animals in class.

### CENTURY SKILLS Critical Thinking Creativity

Collaboration

Communication

## **PROJECT** Helping the Environment

You learned about Earth Day. Now, let's talk about ways we can work together to take care of the environment.

Step1 Look at the pictures. What are the people doing?

Step 2 Make a group of four. Make a list of ideas about how you can help take care of the environment.

Ideas:

Step 3 From your list, choose one thing that your group will do for Earth Day.

Sample For Earth day, we will pick up garbage around our school.







For Earth Day, we will \_\_\_\_\_





## CONNECT

# Workbook



Nancy Furstinger · Christine Kohler · Susan Ludwig · Kelli Ripatti

## **VOCABULARY CHECK**

Find the words in the puzzle. Then, fill in the blanks.

importanc	е	envi	ronn	nent	r	emo	ve	nat	ture	g	arba	ge	gras
	Χ	J	В	Т	0	G	S	V	Q	J	Т		
	Ι	F	R	Н	Q	κ	Е	0	Y	Η	0		
	R	Q	R	0	V	V	Ν	G	F	L	Е		
	G	Е	С	R	Х	J	A	R	Ν	F	Ι		
	Α	T	Μ	Ρ	0	R	T	Α	Ν	С	Е		
	R	R	Ν	0	M	K	U	S	В	L	0		
	В	С	G	Q	V	Н	R	S	I	Ζ	Υ		
	Α	М	Α	Ţ	Ν	Е	Е	Ζ	Y	W	Q		
	G	S	H	Μ	U	С	F	L	Y	Μ	κ		
	Ε	Ν	V	I	R	0	Ν	Μ	Е	Ν	Т		
hings peop	le th	row a	away	; tra	sh: _								
he natural v						_							
everything o	n th	e Eai	rth th	nat is	not	mad	e by	рео	ple:				

- 4. green plants that grow in fields and are eaten by animals: \_\_\_\_\_
- 5. to take away: \_\_\_\_\_
- 6. the quality of having great value: \_\_\_\_\_

## **COMPREHENSION CHECK**

#### **A.** Circle T for true or **F** for false.

- 1. Earth Day is in April.
- 2. Students study in their classrooms on Earth Day.
- 3. Students can play and clean up the park.
- 4. Students can plant some weeds in the park to make it look nice. T
- **B.** Write the right word in each blank. There are two extra words.

	weed	importance	grass	garbage	nature					
-	1. They put the in trash cans.									
<b>2.</b> The c	2. The class learn about the of an environment.									
<b>3.</b> At the	<b>3.</b> At the park, the class can enjoy									
SUMN	ЛARY									
Complete the summary.										
	teachers	garbage	I	remove	grass					
	nature	importance	e en	vironment	plants					
Earth Day, on April 22 <sup>nd</sup> , is a special day around the world. On this day,										
students lea	arn about	the ┨	of th	າe <mark>2</mark>	Some					
<b>3</b> take their classes to the park. Students can enjoy the										
4	т	hey can look at t	he <mark>5</mark>	8	and animals. They					
can play on the 3, too. Teachers and students can help keep										
the park clean by picking up $7$ They can also make the park										
look nice. They can 3 weeds and plant trees and flowers.										

F

F

F

F