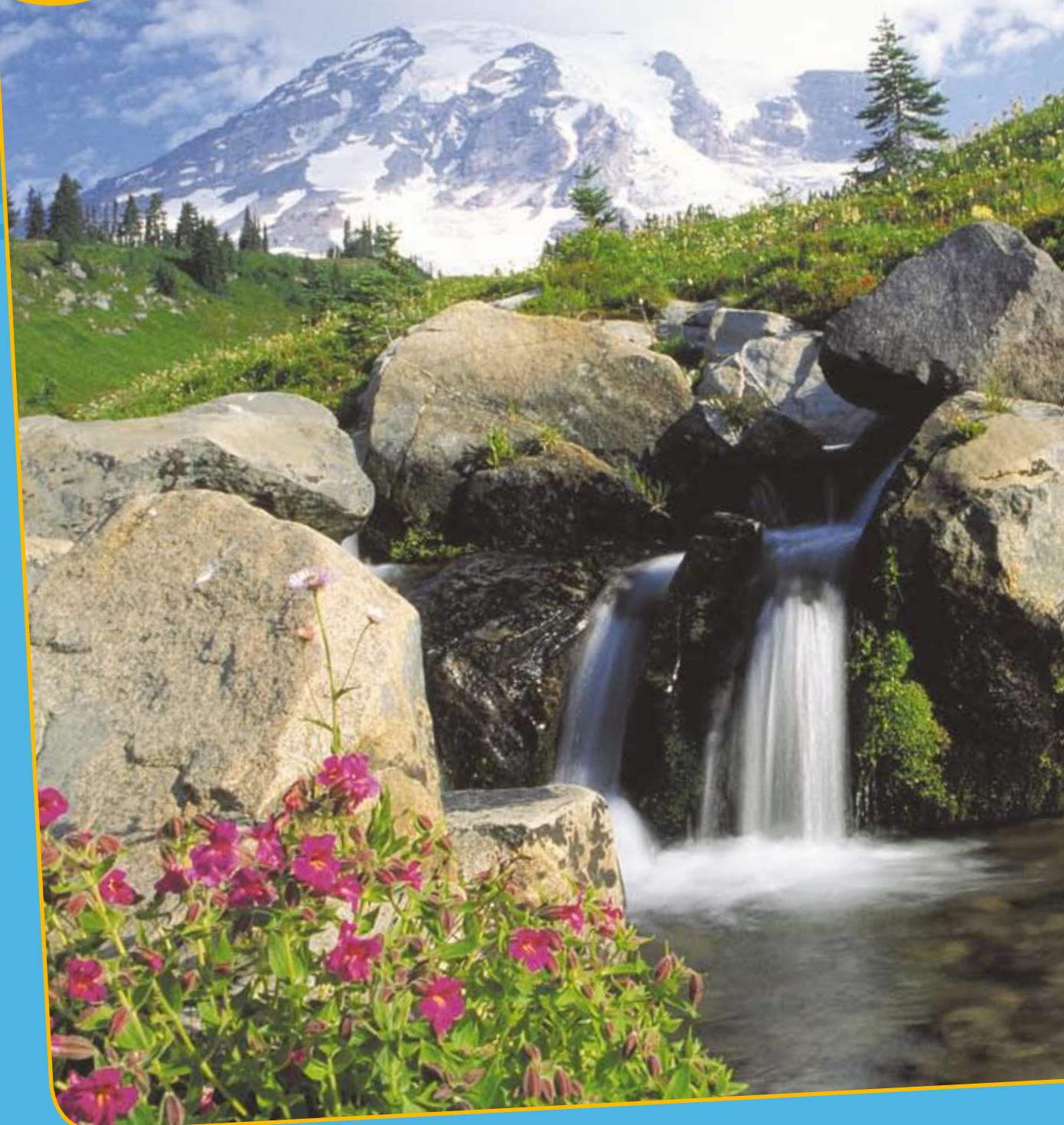
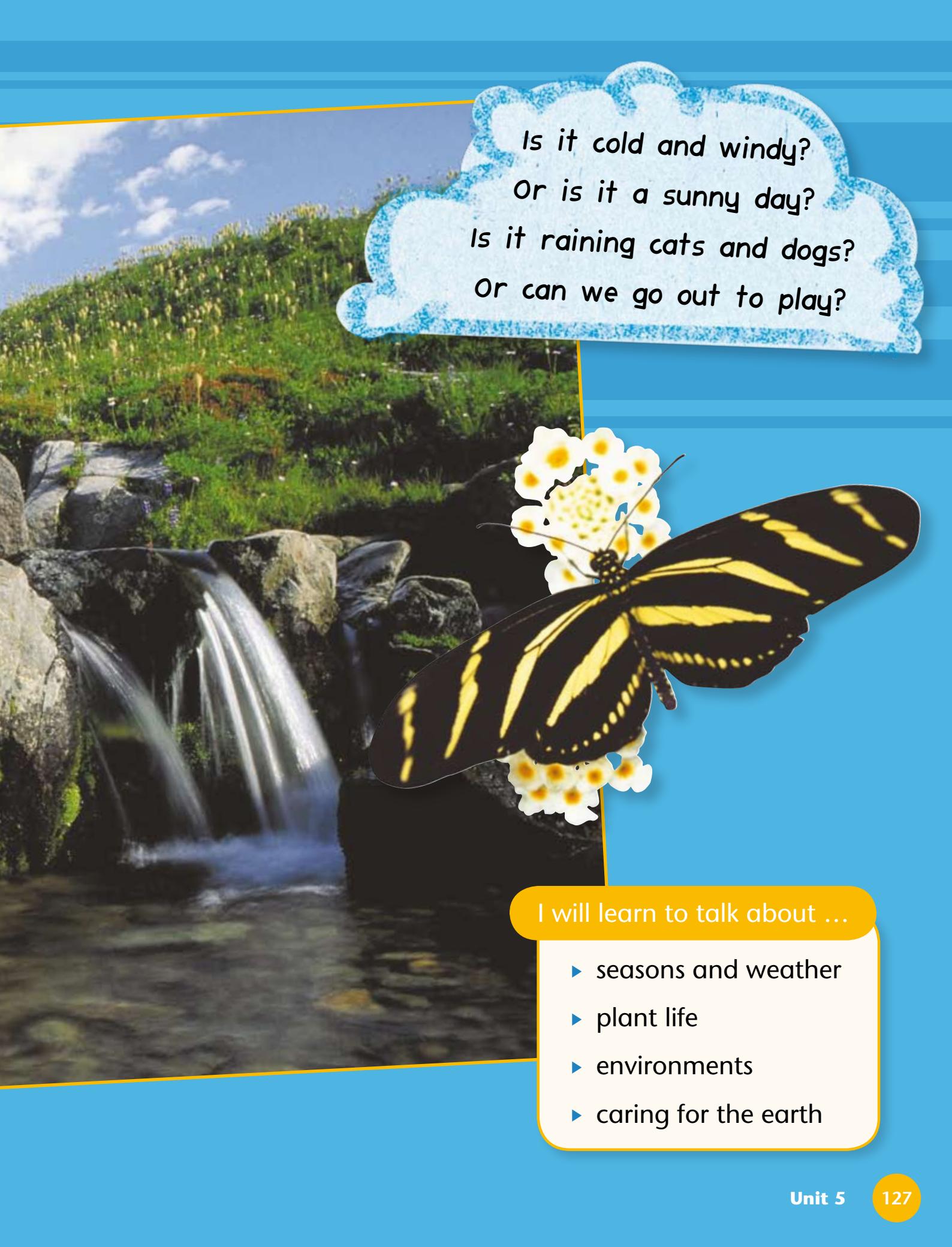


Unit

5

Our Land





Is it cold and windy?
Or is it a sunny day?
Is it raining cats and dogs?
Or can we go out to play?

I will learn to talk about ...

- ▶ seasons and weather
- ▶ plant life
- ▶ environments
- ▶ caring for the earth

Spotlight on Reading

Key Words



plant



soil



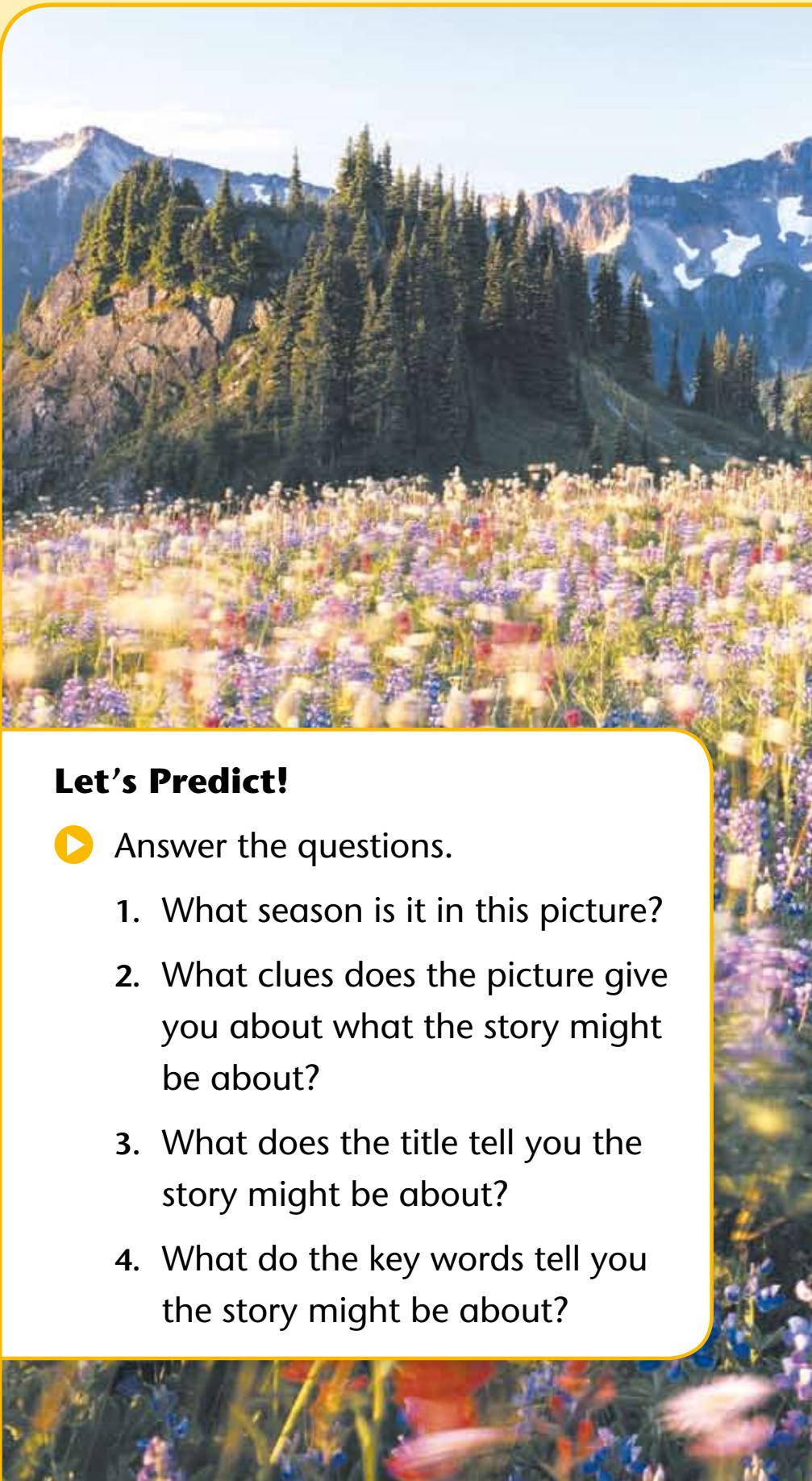
sprout



stem



leaf



Let's Predict!

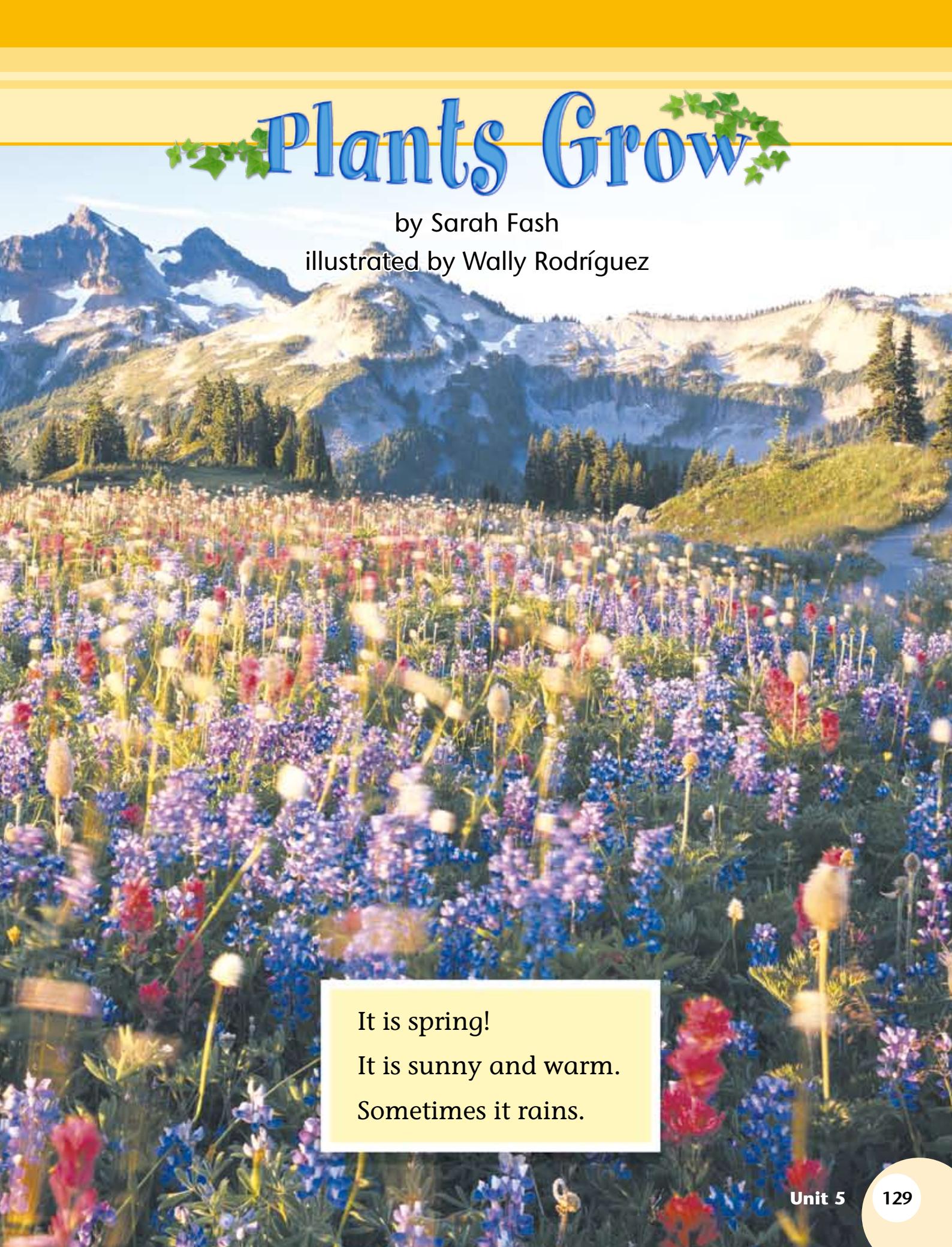


Answer the questions.

1. What season is it in this picture?
2. What clues does the picture give you about what the story might be about?
3. What does the title tell you the story might be about?
4. What do the key words tell you the story might be about?

Plants Grow

by Sarah Fash
illustrated by Wally Rodríguez



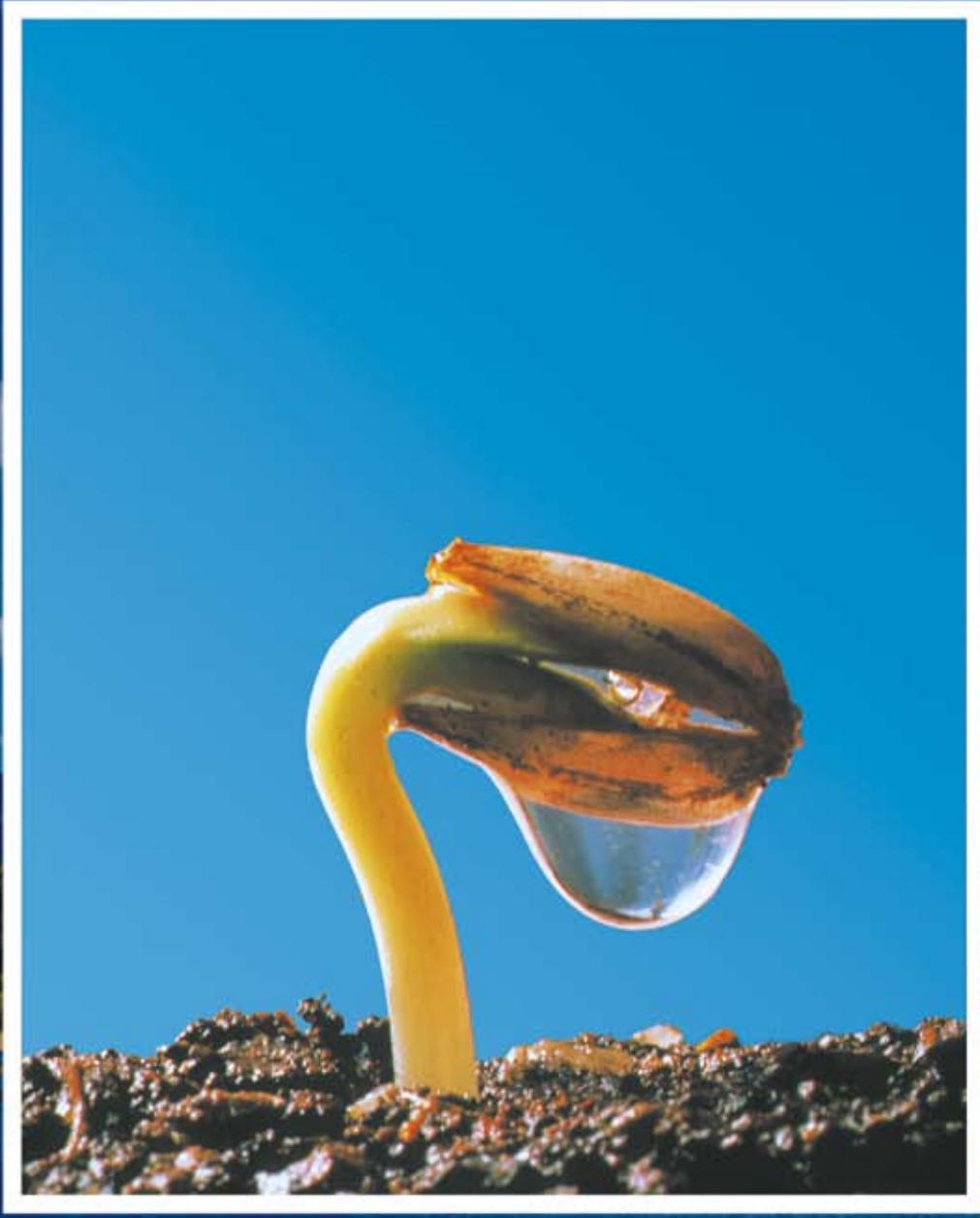
It is spring!
It is sunny and warm.
Sometimes it rains.



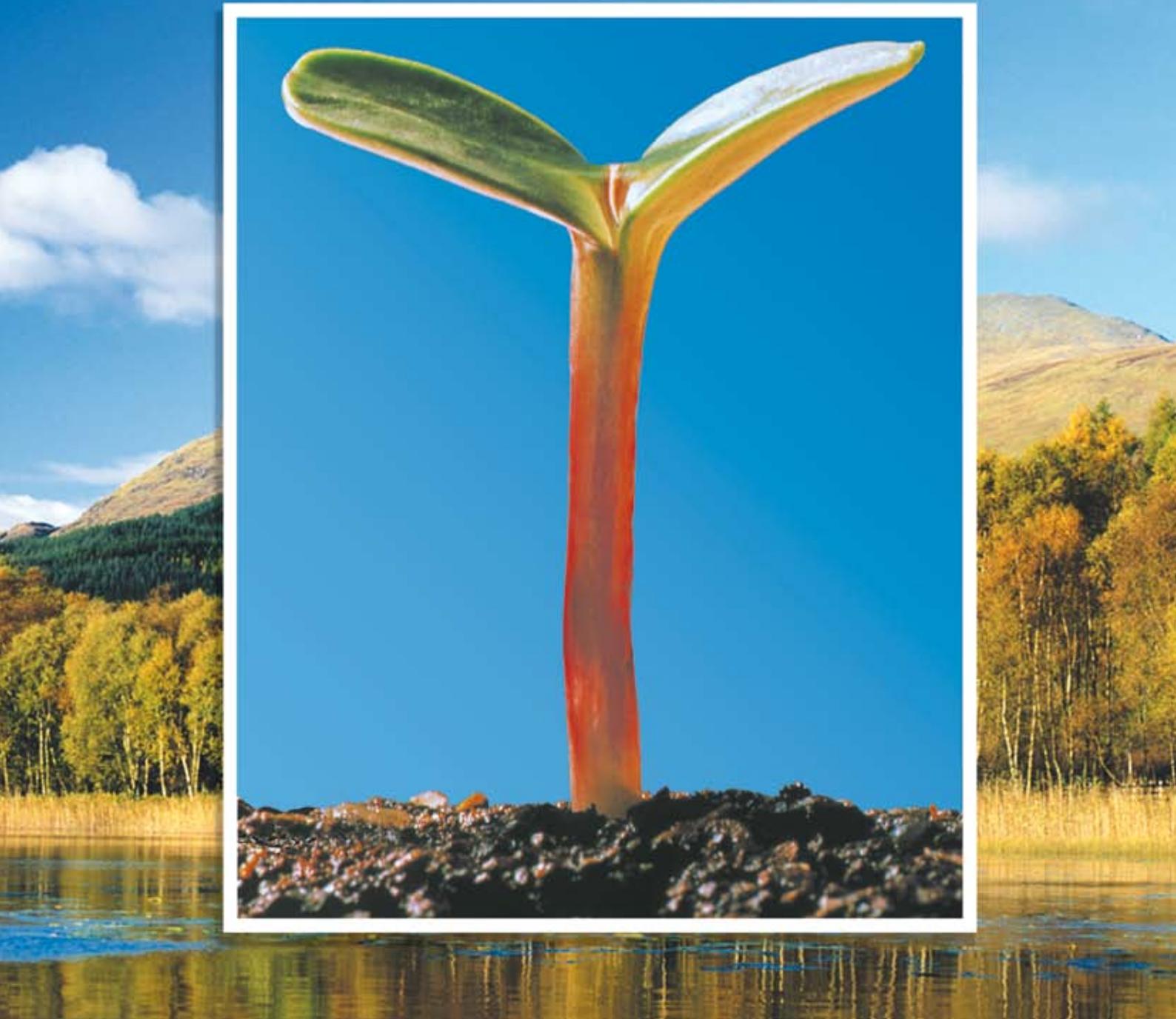
A seed is planted in the soil.
The seed will grow into a plant.
The seed needs soil and water.



Roots grow out of the seed.
They grow deep into the soil.
The roots carry food from the soil
to the rest of the plant.



A little plant grows out of the ground.
It is called a *sprout*.
The sprout needs sunlight, air, and water.
It grows and grows.



Soon the plant has a stem.
There are leaves on the stem.
The leaves make food for the plant.
The stem carries food between the
leaves and the roots.



Flowers bloom on the plant.

The flowers attract birds, bees, and butterflies.

They drink nectar from the flowers.



The birds, bees, and butterflies carry pollen
from flower to flower.

Now new seeds will grow.
These seeds will grow into plants.



Plants grow all over the world.

There are plants in the mountains.

There are plants in the desert.

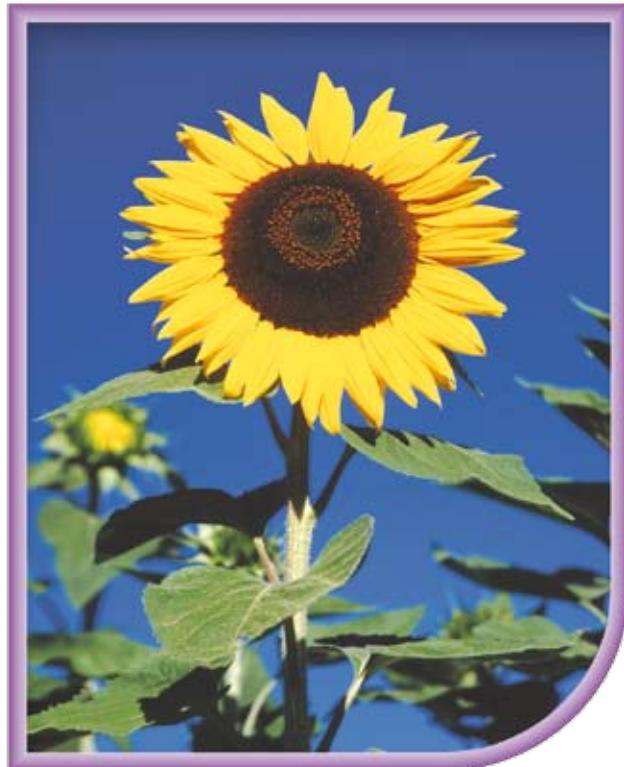
There are also plants in the ocean.



Plants are important.
They clean the air.
They provide food for animals.
They also make the world a beautiful place.

Let's Check!

- Use the pictures to describe how a plant grows.



Let's Summarize!

- Talk about the story.

1. Talk about what plants need to grow. Write a list.
2. Name some places where plants grow.
3. Tell some ways plants help the earth.



Let's Reflect!

- A Look at the photographs. Discuss the questions.

1. What are the people in each picture doing?
2. Are they helping or hurting the earth?

- B Make a list of things you can do to take care of the earth.



Spotlight on Language

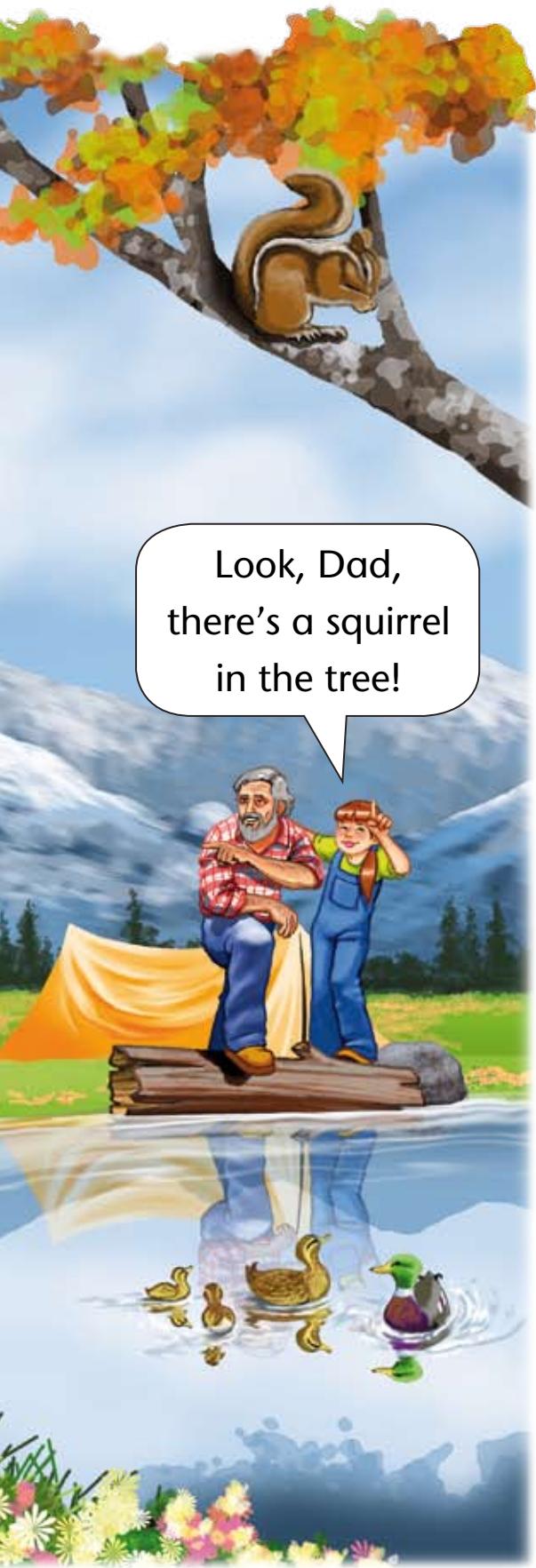
Let's Connect!

▶ Listen and point.



Key Words

- beehive
- bird
- deer
- ducks
- fish
- lake
- mountains
- rabbit
- squirrel



Let's Focus!

► Copy and complete the sentences.

is are

1. There ____ ducks on the lake.
2. There ____ trees in the forest.
3. There ____ a beehive in the tree.
4. There ____ snow on the mountain.

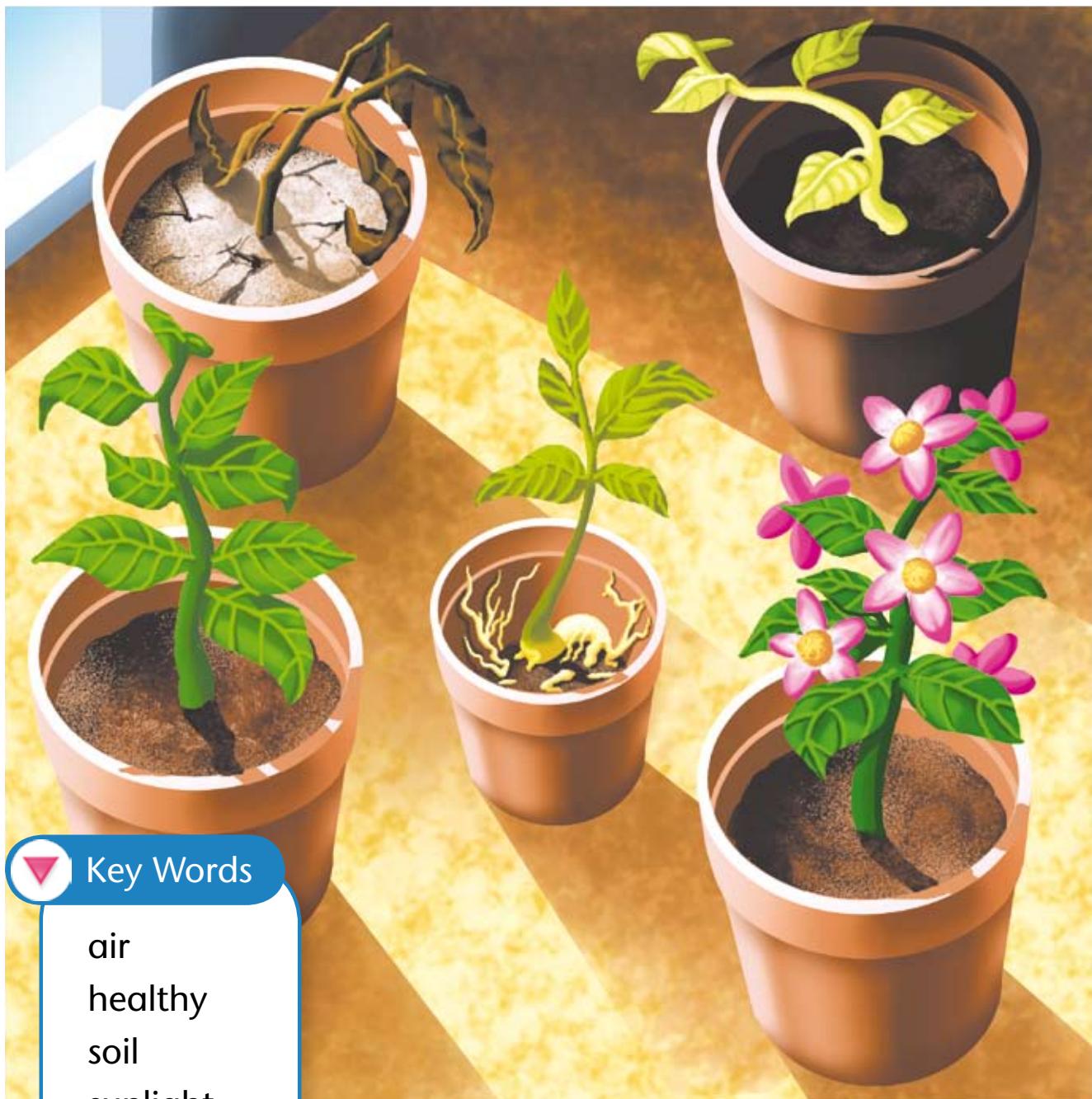
Let's Apply!

► Look at the pictures. Talk about what is the same and what is different.



Let's Connect!

- A Listen and point to the plants that are healthy.
Then, point to the plants that are unhealthy.



Key Words

air
healthy
soil
sunlight
unhealthy
water

- B Discuss what plants need to be healthy.
C Discuss what you need to be healthy.

Let's Focus!

A Compare the needs of a plant and a child.

Make a Venn diagram.

B Copy and complete the sentences.

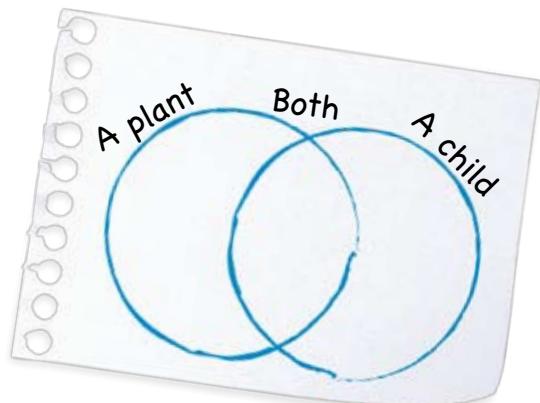
1. A plant needs _____.

2. A plant doesn't need _____.

3. A child needs _____.

4. A child doesn't need _____.

5. Both plants and children need _____.



Let's Apply!

A Write sentences about what you need and what you don't need to grow.

I need ...

I don't need ...



B Share your sentences with a friend.



Let's Connect!

- A Look at the pictures and read about the seasons.

It is hot in **summer**.

There are many sunny days.

Sometimes it is cloudy.



It is cold in **winter**.

Some trees lose their leaves.

Sometimes it snows.



It is cool in **fall**.

Sometimes it is windy.

Some leaves change color
and fall off the trees.



It is warm in **spring**.

There are many flowers.

Sometimes it rains.

- B Talk about the weather where you live.

Let's Focus!

► Rewrite the sentences with the correct words.

cold warm windy snow
cool hot cloudy rain

1. It is  at the beach. But sometimes it is .
2. It is  today. There is  on the mountains.
3. I like  days. I like to play in the .
4. It is  and  today.



Let's Apply!

A Answer the questions about each of the seasons where you live.

1. What is the weather like?
2. What outdoor activities do you do?
3. What clothes do you wear?

B Draw a picture for each season.

C Write about each season.

D Make a seasons booklet.

It is hot in summer.

We go swimming at the beach.

We wear shorts and sandals.



Spotlight on Content



Expository Writing



The Desert

It is very difficult to live in the desert. It is hot and sunny in the daytime. It is cold at night. There is very little rain. There are almost no plants. There are some animals and insects. They usually come out at night. Desert plants and animals have to adapt to the dry climate.



A Answer the questions.

1. What is this paragraph about?
2. What is the title of this paragraph?
3. How many facts and details are included in this paragraph?
4. What is the purpose of this paragraph?



Writing an Expository Paragraph



Expository writing gives information about a topic.

Remember to include:

- a sentence that introduces your topic.
- facts and details about your topic.
- a conclusion based on the information you included.

- A** Copy and complete the organizer about one of the places in the photos.

Topic: _____

Facts and details:

1. What is it like?

2. What lives there?

3. What can you do there?



Ocean



Mountains



Jungle

- B** Write a paragraph about your topic.

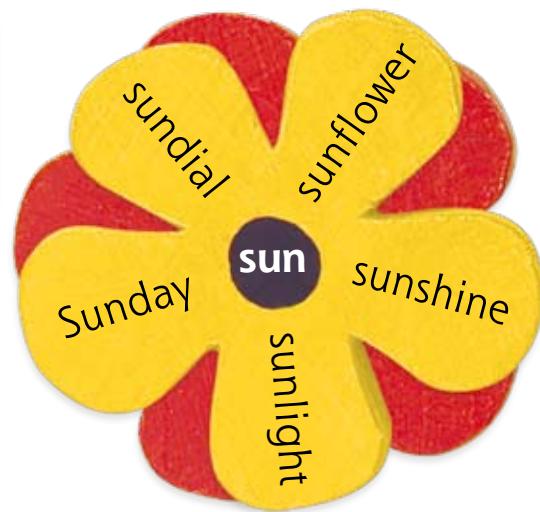
- C** Draw a picture to illustrate it.

Compound Words



Remember!

A compound word is one word that is made up of two words.



- A** Guess the meaning of the words in the flower.
- B** Choose one word from each box to create compound words.



basket
straw
back
rain



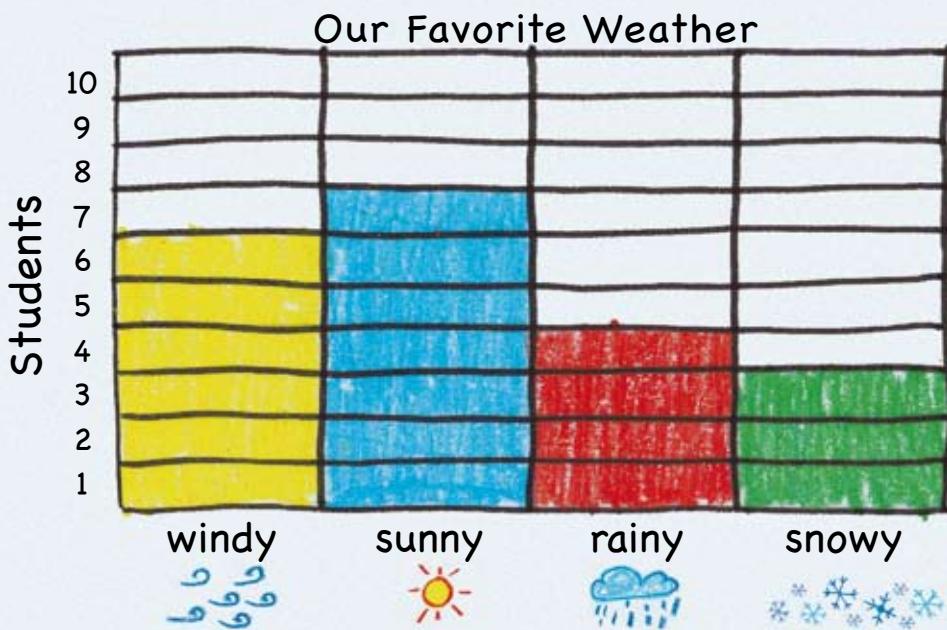
bow
pack
berry
ball



- C** Write sentences with the words.

Graphing Information

Our class collected data about our favorite weather. We recorded our responses on this bar graph.



- A** Look at the bar graph. Answer the questions.

- How many students are in the class?
- How many students like windy weather?
- Which type of weather do most students like?
- Which type of weather do the fewest students like?
- How many more students like windy weather than like rainy weather?

- B** Do your own class survey.

- C** Make a bar graph to represent your results.



The Effects of Rain



Rain affects people in many ways. People living on farms need rain so their crops can grow. When it does not rain, their plants and animals may die. Too much rain can cause problems as well. Cities and towns may flood. This can destroy homes and businesses.



- A** Look at the pictures and answer the questions.
1. What is happening in each photograph?
 2. How is the rain affecting each place in the photographs?
- B** Write a paragraph about how rain can be helpful and how it can be harmful.

Science Experiments



Scientists experiment to answer questions about our world. An experiment includes these steps:

- Investigate a topic and ask a question.
- Form a hypothesis to answer the question.
- Conduct an experiment to test the hypothesis.
- Make and record observations during the experiment.
- Draw a conclusion based on your observations.

► Conduct an experiment. Then, answer the questions.

Question

What happens when a plant does not get what it needs?

Supplies



4 plastic cups



4 seeds



soil



water



marker

Steps

1. Label cups: 1, 2 (No sunlight), 3 (No water), and 4 (No soil).
2. Fill cups 1–3 with soil. Plant a seed in the soil of each cup. Put a seed in the bottom of cup 4.
3. Put cups 1, 3, and 4 in a sunny place. Put cup 2 in a dark place.
4. Water cups 1, 2, and 4 every day for two weeks. Do not water cup 3.



Sing Along

- A Listen to the song.

You Are My Sunshine

You are my sunshine,
My only sunshine.
You make me happy
When skies are gray.
You'll never know dear
How much I love you!
Please don't take
My sunshine away!



- B Sing the song. Talk about how the song makes you feel.



Painting Sunflowers



Vincent van Gogh is a famous painter. He was born in Holland in 1853. He used lots of color in his work. He included sunflowers in many of his paintings. His art is extremely valuable today.



▶ Create your own sunflowers.

1. Paint the outline of a sunflower.
2. Paint the sunflower, copying the way Vincent van Gogh used color.

Supplies

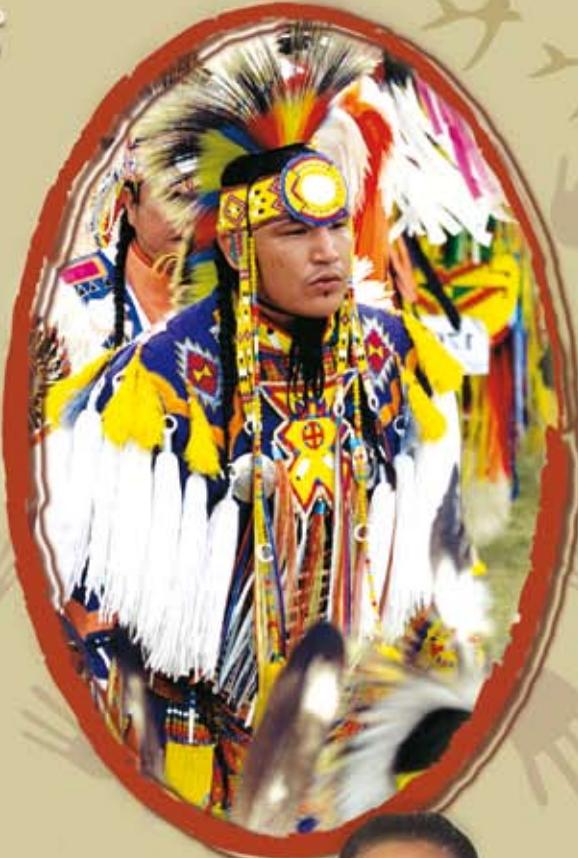
- paper
- paint
- paintbrushes



Impressions

Rain Dances

Rain is important in all cultures. Some Native American tribes perform rain dances. They believe the dances will bring rainfall. Most rain dances include dancing in a circle, pouring water, and whirling around like the wind. The rain dance of the Hopi Indian tribe includes a live snake! Many other cultures perform rain dances as well.



▶ Answer the questions.

1. Are there traditions in your native country that are similar to the Native American rain dances?
2. Why do you think the Native American people performed rain dances to bring the rain?
3. What do you imagine a rain dance would look like?



Project

Earth Day

- A** Create a bulletin board about your earth day.
Use the materials you created in this unit to illustrate your bulletin board.
- B** Develop a plan, based on your bulletin board, that outlines what activities your earth day would include.

