

Unit 1

Self-management

p. 29

How do you control your anger?

Unit Guide

Reading Strategy Making Inferences

Passage What Makes You So Angry?

Writing Task My Anger Management

Language treat - mistreat

The object became so big that it blocked the entire street.

The more you provoke anger, the bigger it becomes.

Warm Up

Key Words

Read the sentences and guess the meanings of the words in bold.

- 1 You should use this opportunity to your **advantage**.
- 2 People often **blame** others for their own mistakes.
- 3 I tried to get through, but there were people **blocking** my way.
- 4 Sally's failure was the **consequence** of carelessness.
- 5 Ben's inconsiderate behavior almost made me **explode** with anger.
- 6 His comments on the policy **provoked** the argument.
- 7 I have some trouble dealing with my cat's bad **temper**.
- 8 Jake's project became a **tremendous** success.

Reading Strategy

Making Inferences

helps you read between the lines and what is not explicitly stated in the passage.

How to use this strategy

- If an idea is not explicitly stated, decide if it can be inferred.
- Gather clues in the passage that lead to the idea.
- Check whether the idea makes sense in the context.

Understanding Anger

"I get this bubble of rage. I feel like crying because I don't know how to control myself. Have you ever been in a similar situation?"

What is anger?

Anger is a basic human emotion. It is a physical and mental response to a threat or harm done in the past. Sometimes anger stays locked inside us for many years because it was not dealt with sufficiently at the time.

Why do we get angry?

If we think someone has wronged us on purpose, this can make us angry. If we are having a bad day and are in a state of constant tension, we are more likely to blow up when something else goes wrong, even if it is something that would not usually bother us.

How do people behave when they are angry?

The way people act when they are angry differs from one person to another. Some people blame others and make them feel guilty. Others have healthy ways of dealing with their anger, such as going for a run or writing in a diary.

Prepare to Read

Look and Think

Look at the pictures and think about the questions. Share your opinions with your classmates.

- 1 Which situations make you angry?
- 2 Why do you get angry in these situations?

Talk About Yourself

What do you usually do when you get angry? Check and talk with your partner.

- ☐ I tend to yell or say something that I later regret.
- ☐ I try not to show my emotions and pretend I am OK.
- ☐ I chat with my friends about how I feel.
- ☐ I try to understand why someone did or said what made me angry.
- ☐ I do outdoor activities that help me manage anger.

Read and Do

What Makes You So Angry?

One day, Hercules saw an object the size of an apple on the street. He yelled, "How dare you block my way?" and kicked it angrily. Suddenly, the object became as big as a watermelon. "What in the world?" said Hercules, and began to hit it with his metal club. Then, the object became so big that it blocked the entire street. Athena, who had been watching this, came down next to the object and played music. Surprisingly, the object became as small as an apple again. Athena told Hercules, who was completely shocked by all of this, "That object is like the anger inside you. The more you provoke it, the bigger it becomes."

- **Hercules** the son of the Greek god Zeus
- **Athena** the Greek goddess of war

Reading Strategy

What can be inferred about Athena's music?

Are you famous for your short temper? Do you find yourself getting into frequent arguments and fights? Anger is a normal and healthy emotion. When you have been mistreated, it is perfectly normal to feel angry. It only becomes a problem when anger explodes all the time or easily gets out of control. Explosive anger can have serious consequences for your relationships, your health, and your state of mind.

If you have a hot temper, you may feel like there is little you can do to control it. In fact, controlling your anger is easier than you might think. With some effective anger management technique, you can learn how to express your feelings in healthier ways and keep your temper from getting out of control. When you are able to control yourself and act appropriately, you will not only feel better about yourself but also keep your relationships strong.

Q1 When does anger become a problem?

Q2 (1) ☐ T ☐ F Explosive anger is a normal and healthy emotion.

(2) ☐ T ☐ F Controlling your hot temper can help you maintain your relationships.

Over to You Have you ever exploded in anger?

Anger Management Tips

First of all, you have to be aware of the warning signs. Sometimes you may feel that you just explode in anger. The truth is that there are physical signs before this happens. Your heart beats faster to pump more oxygen and sugar into your bloodstream. Your breathing becomes more rapid, your blood pressure rises, and your muscles become tense. The angrier you get, the more your body gets tense. You should become aware of your own personal signs that you are about to lose your temper. When you do, you will be able to take steps to manage your anger before it gets out of control.

Secondly, it is important to identify the negative thoughts that make you angry. You may think that external things — for instance, the rude or inconsiderate actions of other people — are what causes your anger. However, your anger is more likely to be caused by how you interpret the situation rather than external factors. For example, you may think that people NEVER consider your needs, and that they ALWAYS disrespect you. Also, you may think that when something goes wrong, it is always someone else's fault.

Reading Strategy

What can be inferred about the cause of anger?

Finally, when you start getting upset over something, take a moment to really think about the situation. Ask yourself the following questions:

- How important is it when you look at the big picture?
- Is it really worth getting angry about?
- Does my response match the situation?

If you have decided that the situation is worth getting angry about, the key is to express your feelings in a healthy way. When expressed respectfully, anger can be a tremendous source of energy and inspiration for change.

Q1 (1) ☐ T ☐ F Anger is mostly caused by external factors.

(2) ☐ T ☐ F Thinking about the situation carefully can help you manage your anger.

Q2 If you get angry, it is important to _____ your feelings in _____ ways.

Over to You Does your body react in a special way when you get angry?

Food for Thought

Have you ever gotten into an argument over something silly? Big fights often happen over something small, like being ten minutes late. Yet there is usually a bigger issue behind it. If you find your anger rapidly rising, ask yourself, "What am I really angry about?" Identifying the real problem will help you understand your feelings better.

Also, you should avoid bringing up what happened in the past into the current argument. You may do this when you become very emotional in the middle of an argument. However, this does not help solve the situation, but actually makes it worse. Rather than looking to the past and assigning blame, focus on what you can do in the present to figure out a solution.

Expressing your anger in a healthy way can become easier if you follow this advice. You should also try to figure out your own ways to control and express your anger better. So remember: Do not let your anger get out of control. Tame it and use it to your advantage!

Q1 Big fights often occur over something (big / small).

Q2 What does "do this" in line 9 mean?

Over to You What are some examples of "a bigger issue" in your case?

Review the Passage

Organizer

Complete the organizer by filling in each blank with a word from the box.

Explosive anger can damage your _____, your _____, and your state of mind.

Anger Management Tips

A

Be aware of the warning _____ that your _____ gives you.

e.g.

- The heart beats faster.

B

Find out the _____ thoughts that make you angry.

e.g.

- People never consider my needs and always disrespect me.

C

Take a moment to think about the situation by asking a few _____.

e.g.

- Is it important when you see it from a broader point of view?
- Is it _____ the time and the energy?
- Is my reaction _____ for the situation?

negative

signs

worth

relationships

appropriate

body

health

questions

Comprehension

A Get the Facts Right

Choose the one that best completes each sentence.

- 1 To control a short temper is _____.
- 2 When you are about to get angry, _____.
- 3 When you express your anger in a healthy way, _____.
- 4 Identifying the real cause of anger will help _____.
- 5 Bringing up in an argument what happened in the past _____.

- (a) you better understand your feelings
- (b) makes you very emotional
- (c) easier than you might think
- (d) your body shows physical signs
- (e) it can be a powerful source of energy

B Complete the Summary

Fill in each blank with a word from the box. Change the form if necessary.

Athena's Message for Hercules

Hercules got very angry when he saw a small object _____ his way. He began to _____ it with his club, and the object got bigger. Athena, who had been watching him, came up to the object and played _____. Surprisingly, the object became as small as an apple again. Athena told Hercules that the object is like the _____: "The more you provoke it, the _____ it becomes."

music small big anger hit block swing

Critical Thinking

Make a group of four. Think about the questions and share your thoughts.

- 1 Have you ever used anger as a positive energy source?
- 2 Among the anger management tips in the passage, which do you think is the most helpful?

Language Work

Vocabulary Building

Some words mean "wrong" when you add mis- to them.

mistreat

mismatch

mislead

misunderstand

misuse

Fill in each blank with a word from the box above.

- 1 When you _____ your socks, you look very funny.
- 2 It is wrong to _____ someone for any reason; everyone has the right to be treated with respect.
- 3 If you want to succeed in life, do not _____ your time and energy.
- 4 First impressions can _____ us, and we might misunderstand a person.

Useful Expressions

- You will be able to take steps to manage your anger.
- You should avoid bringing up what happened in the past into the current argument.
- You should try to figure out your own ways to control your anger better.

Fill in each blank with an expression in bold above.

- 1 I do not want to _____ your mistakes again because it is useless.
- 2 You need to _____ to improve your own study habits so that you can get better grades.
- 3 I must _____ the cause of the problem before thinking of a solution.

Sentence Patterns

- The object became so big that it blocked the entire street.
I was so moved by the movie that I could not stop crying.
- The more you provoke anger, the bigger it becomes.
The more I get to know you, the more I like you.

A Put the words in order to complete the dialog.

<p>These days, I _____</p> <p>weak/that/feel/so</p> <p>I just stay home.</p>	<p>You should get some exercise then.</p>	<p>But, _____</p> <p>exercise/the/I/more</p> <p>the more I feel tired.</p>	<p>You might be at first, but later on you'll be more energized.</p>
--	---	--	--

B Choose the correct one in each box.

When someone is extremely angry, the more you speak to them, the

(A) bad / worse the situation can become. The person may be

(B) so / such angry that he[she] may not be able to understand what you truly mean. When you find yourself in such a situation, it is wise to wait (C) of / for the other person to calm down.

Plus

- I have to leave now **so that** I can get to school on time.
- You need to be honest **so that** others can trust you.

Prepare to Write My Anger Management

What makes you angry, and how do you deal with your anger? Write about it and share your ideas with your classmates.

Sample Writing

Read the passage below and answer the questions.

My Anger Management

There are two things that really make me angry. First of all, I get angry when people do not listen to me. I also get really mad when someone hurts my pride. Since I cannot concentrate when I get angry, I find ways to manage my anger. For instance, I try to deal with my anger by sleeping or doing outdoor activities such as playing basketball.

1 What are the TWO things that make the writer angry?

- (1) _____
(2) _____

2 How does anger affect the writer?

3 In what ways does the writer deal with anger?

Practice Writing

1 Examine the categories and write the appropriate letter for each statement.

- Reason for getting angry ----- R
- Effect of anger ----- E
- Managing anger ----- M

- (1) _____ Your friend lies to you.
- (2) _____ You eat your favorite food.
- (3) _____ Your face turns red.
- (4) _____ Your most cherished item gets destroyed by someone.
- (5) _____ You cannot think logically.
- (6) _____ You chat with your friends.

2 Complete the description about anger management using the information above.

There are two things that really make me angry. For example, I get angry when _____.

I also get mad when _____.

Since _____

when I get angry, I find ways to manage my anger. For instance, I try to deal with my anger by _____ or _____.

Write and Share

Gather Your Ideas

1 What makes you angry? List TWO reasons.

- (1) I get angry when _____.
- (2) I also get really mad when _____.

Help Box

- someone says bad things about me
- someone uses my stuff without asking

2 What happens when you get angry? List TWO effects.

- (1) When I get angry, I _____.
- (2) When I am mad, I _____.

3 How do you manage your anger? List TWO ways.

- (1) To manage my anger, I _____.
- (2) I find ways to manage my anger. For instance, I _____
_____.

Write Your Story

Write about your anger management.

My Anger Management

Self- Checklist	Yes No	
	<input type="checkbox"/>	<input type="checkbox"/> Did you describe TWO things that make you angry?
	<input type="checkbox"/>	<input type="checkbox"/> Did you explain how you deal with your anger?
	<input type="checkbox"/>	<input type="checkbox"/> Are spelling, punctuation, and grammar correct?

Share Your Story

Read your partner's writing and suggest TWO other ways to deal with anger.

Suggestions

- _____
- _____

More writing

화를 다스리는 효과적인 방법에 대해 글을 쓰려고 한다. 다음에 제시된 세 가지 방법 중 하나를 택해 그 방법이 좋은 두 가지를 포함하여 쓰시오. (60단어 내외)

- a walk in the park
- soft
- music yoga

	word count ()
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One the Web

“Thoughts About Anger Thoughts About Anger”

“Anybody can become angry - that is easy. But to be angry with the right person and to the right degree and at the right time and for the right purpose, and in the right way - that is not so easy.”

- Aristotle

“Anger is the ultimate destroyer of your own peace of mind.”

- Dalai Lama

“When anger rises, think of the consequences.”

- Confucius

Check Yourself

- A** 1 Fill in each blank with a suitable word from the box. Change the form if necessary.

When we feel we are _____, we often lose our _____.
 Sometimes we do things that have serious _____. It is wiser to
 sit down and take a deep breath when we feel angry. Count to ten,
 and you can figure out your own way to _____ your anger.

consequences manage temper mistreat

- 2 Match each word with its definition.

- | | | |
|----------------|---|---|
| (1) tense | • | • Ⓐ relating to the outside of something |
| (2) external | • | • Ⓑ tight and stiff, often due to anxiety or fear |
| (3) tremendous | • | • Ⓒ very large or great |

- B** 1 Choose the correct one in each box.

- (1) Billy was so exhausted that / who he could hardly stand up.
 (2) The more I have to work, the more / such I get tired.

- 2 Identify the mistake and correct it.

A Do you know Ⓐ that the new PE teacher Ⓑ was once on the
 national basketball team?
 B Yeah. He's Ⓒ such tall that he Ⓓ catches every rebound when he
 plays with his students.

Unit 2

Family

p. 53

Have You Ever Thought About Your Mom's Dream?

Unit Guide

Reading **Strategy** Increasing Reading Rates

Passage *Please Look After Mom*

Writing **Task** My Role Model

Language • appear -- **disappear** / wrap -- **unwrap**

• She said I **had planted** the tree too close to the wall.

• She **said**, "**I wanted** to give everything back to you."

→ She **said she had wanted** to give everything back to **me**.

Warm Up

Key Words

Read the sentences and guess the meanings of the words in bold.

- 1 I sincerely **appreciate** your support.
- 2 When I was a little boy, I was really **attached** to my toys.
- 3 The old man fell down on the ice and lost **consciousness**.
- 4 He fought lung cancer with **determination**.
- 5 Many soldiers are reported to be **missing**.
- 6 There will be an **opportunity** to ask questions later.
- 7 Mothers **sacrifice** everything for their babies.
- 8 Young children in many countries **suffer** from hunger.

Reading Strategy

Increasing reading rates

helps you read very quickly to get the main idea and important details in the passage.

How to use this strategy

- Read quickly to get the main idea.
- Do not stop at words that you do not understand.
- Try to read faster.

Family, Endless Source of Love

Priceless Love in Our Life

There is no word that can describe the love we feel when we are with our families. Such priceless love is illustrated in various art forms such as paintings, novels, and movies.

The Child's Bath ► Mary Cassatt 1983

Mother and Son ► Park Soo Kuen 1960

The Stickleback ► Jo Chang In 2007

This novel describes a heartwarming tale of a father and his son. Like the stickleback fish that feeds itself to its newborn baby, the father sacrifices his own life to save his son who suffers from an incurable illness.

"A person who has his or her child living on earth is not really dead, although he or she is dead physically."

My Mom

This movie tells a story of a young woman who has never appreciated her mother's love for her but finally realizes how valuable and precious it is when the young woman is diagnosed with a serious illness.

My Sister's Keeper

An inspiring movie about how family love triumphs over hardships. Anna is born to save her older sister with leukemia. Anna searches for the meaning of family as she is forced to decide between finding herself and saving her sister's life. In the end, she discovers that there is nothing that is more important than being with her family.

Prepare to Read

Look and Think

Look at the picture and think about the questions. Share your thoughts with your classmates.

- 1 What was your mom's dream when she was in her teens?
- 2 When was the saddest moment in your mom's life?
- 3 What makes your mom happy?
- 4 What does your mom do for you and your family?
- 5 What comes to mind when you hear the word "mom"?

Read and Do

Please Look After Mom

Please Look After Mom centers on the life of So-nyo, a hardworking, uncomplaining woman who goes missing in a bustling Seoul subway station. After the woman's disappearance, her grown children and her husband are filled with guilt and regret having taken her for granted and reflect on her life and role in their lives. Having achieved professional success through their mom's dedication, her children understand for the first time the hardships she endured. Her irresponsible and harshly critical husband, meanwhile, finally acknowledges the depth of her love and the seriousness of her sacrifices for him.

One of So-nyo's daughters wrote the letter below to her older sister after her mother's disappearance.

Dear Sister,

When I went to Mom's soon after coming back from America, she gave me a young persimmon tree that was as tall as my knees. I went there to get the things I had left there. Mom was lying in the storage area next to the shed. When I shook her, she managed to open her eyes, as if she were waking up, looked at me, and smiled. She said, "You're here, my baby daughter!" Mom told me she was fine. I could see that she had lost consciousness, but she insisted that she was fine. Mom kept all my stuff there when I went to America. She said that she almost used the portable gas range but then didn't. "Why not?" I asked, and she said, "I wanted to give everything back to you the way you had left it."

When I finished loading all the things onto the truck, Mom came over with the persimmon tree from behind the house, where she kept all the jars. The roots of the tree were wrapped in dirt and plastic. She had bought it for the yard at our new place. It was so small that I wondered when it would start bearing fruit. Honestly, I didn't want to take it home. Who would take care of the tree? Mom said, "You'll find persimmons on this tree very soon; even seventy years go by quickly."

I brought the little tree to Seoul on the truck, although I didn't know if it would survive, and buried the roots in the ground, as deep as Mom had marked on the tree. Later, when Mom came to Seoul, she said I had planted it too close to the wall, and that I should move it to another spot in the yard, which Mom pointed to. Afterward, she asked me often if I had moved it.

Q1 What does it[It] in line 4 of this page refer to?

Q2 Why did Mom tell the narrator to move the tree?

Over to You Why do you think Mom gave the narrator a persimmon tree?

Not until yesterday, with the baby on my back, did I take a cab to So-orung and buy powdered chicken droppings for fertilizer, dig a hole on the spot Mom had pointed out, and move the persimmon tree. I was surprised. When I had first brought the tree, I doubted it could even grow, but when I dug it up to move it, its roots had already become strong. I was impressed with its determination to survive in the cold earth. Did Mom mean to give me the tree so that I could watch its branches multiply and its trunk thicken? Was it to tell me that if I wanted to see fruit I had to take care of it? For the first time, I felt attached to that tree. My doubts that it could ever bear fruit disappeared.

Do you remember asking me a while ago to tell you something about Mom that only I knew? I told you I didn't know Mom. All I knew was that Mom was missing. It is the same now. I especially don't know where her strength came from. Think about it. Mom did things that one person couldn't do by herself. Since she went missing, I have often thought: Was I a good daughter? Could I do the kind of things for my kids she did for me?

Q1 (1) ☐ T ☐ F The narrator moved the tree to the spot Mom had pointed out.

(2) ☐ T ☐ F The narrator at first thought that the tree could grow well.

Q2 Why was the narrator surprised when she dug the tree up?

Over to You Do you think you are a good daughter or son?

I know one thing. I can't do it like she did, even if I wanted to. I love my kids, but I can't give them my entire life like Mom did. I have so many dreams of my own! Mom didn't have the opportunity to pursue her dreams and, all by herself, faced everything — poverty and sadness. She couldn't do anything about her very bad luck other than suffer through it. Why did I never think about Mom's dreams?

Why did this thought never occur to me when she was with us? Even though I am her daughter, I had no idea, how alone she must have felt? How unfair is it that all she did was sacrifice everything for us, and she wasn't understood by anyone?

Do you think we will be able to be with Mom again, even if it is just for one day? Do you think I will be given the time to understand Mom and hear her stories? If I am given even a few hours, I am going to tell Mom that I appreciate all the things she did, and that I love her. I miss Mom.

Please don't give up on Mom. Please find Mom.

Reading Strategy

Read the story again for important details. How fast did you read this time?

853 words / _____ minutes = _____ wpm

Q1 Mom must have felt _____ because she was not _____ by anyone.

Q2 Why does the narrator think she cannot give her entire life for her kids?

Over to You What kind of parent do you want to be?

Review the Passage

Organizer

Complete the organizer by filling in each blank with a word from the box.

Memories About Mom
<ul style="list-style-type: none"> • I went to Mom's to get my _____ that I had left there. • Mom gave me a young _____ tree for the yard at my new place. • I planted it in the yard, but I _____ that it would bear fruit. • Later, I saw the tree had strong _____. • I wondered why Mom gave me the tree.

Reflections on Mom's Life
<ul style="list-style-type: none"> • I thought I could not do the kinds of things for my _____ that Mom had done for me. • I never thought about Mom's _____.

Wishes for Missing Mom
<ul style="list-style-type: none"> • I will not give up on looking for Mom. • I am going to tell Mom that I _____ her and miss her.

doubted	love	dreams	kids
roots	stuff	persimmon	

Comprehension

A Get the Facts Right

Read the statements below and check T or F.

- 1 ☐ T ☐ F After Mom gained consciousness, she admitted she was sick.
- 2 ☐ T ☐ F Mom took care of the narrator's stuff while the narrator was in America.
- 3 ☐ T ☐ F Mom told the narrator to move the persimmon tree away from the wall.
- 4 ☐ T ☐ F The narrator was told why Mom gave her a persimmon tree.
- 5 ☐ T ☐ F The narrator and Mom often talked about each other's dreams.

B Complete the Story

Fill in each blank with a word from the box.

The story is about a _____ mom. One day, the narrator's mother _____, and all the family members try to find her. Recalling _____ of her mom, the narrator realizes how much Mom _____ herself and suffered from poverty and sadness. Mom's love for the family is very _____.

disappears	success	missing	memories
forgetful	sacrificed	touching	

Critical Thinking

Think about the questions and share your thoughts with your partner.

- 1 What do you think of the story?
- 2 Do you have a special memory of your mom?

Language Work

Vocabulary Building

Some verbs have opposite meanings when you add dis- or un- to them.

	verb		opposite
dis- +	appear	=	dis appear
	agree	=	dis agree
un- +	wrap	=	un wrap
	lock	=	un lock

Fill in each blank with a word from the box. Change the form if necessary.

- 1 Kevin often _____ with his father about world politics.
- 2 Tim ran away and _____ into a crowd of people.
- 3 The detective _____ the door to the suspect's house.
- 4 I untied the yellow ribbon and _____ the small gift.

disappear	unwrap	unlock	disagree
-----------	--------	--------	----------

Useful Expressions

- When I shook her, she managed to open her eyes.
- Her children regret having taken their mom for granted.
- When I dug up the tree to move it, its roots had already become strong.

Choose the one that best completes each sentence.

- 1 Many young people have a tendency • • ㉠ to dig up the ruins that he had read about in a book.
- 2 The explorer came to the island • • ㉡ to take their family for granted.
- 3 The little girl could manage English. • • ㉢ to make herself understood in English.

Sentence Patterns

- She said I **had planted** the tree too close to the wall.
When I got to school, the class **had** already **begun**.
- She said, "**I wanted** to give everything back to **you**."
→ She said **she had wanted** to give everything back to **me**.

A Correct the underlined parts in the dialog.

Did you enjoy the musical yesterday?

Yes. My mom really enjoyed it. Mom said I had wanted to watch it for a long time.

That's great!
Did you buy the CD?

No, I didn't. When I went to the shop, it has already sold out.

B Choose the correct one in each box.

When I got home, my brother (A) has / had already eaten dinner and was washing the dishes. With a worried tone in his voice, he asked me where (B) you were / I had been. I told him I had to study in the library. He asked me why I (C) have not / had not called. I said, "I forgot to bring my cellphone." My brother smiled warmly and made me a nice dinner.

Plus

- He **said**, "Are **you** okay?"
→ He **asked if** I was okay.

Prepare to Write My Role Model

Role models are those who have the qualities that we would like to have. A family member, friend, or famous person can be a role model. Who is your role model? Write about your role model and introduce him or her to your classmates.

Sample Writing

Read the passage below and answer the questions.

My Role Model

My dad is my role model. Although he is very busy, he tries to find time to enjoy many things in life. For example, he always spends time with us when he comes back from work. He also enjoys different types of challenges. In fact, he just started to learn how to rollerblade. Because of my dad, I try to spend time with my family and learn new things even though I am busy with schoolwork. My dad is the best!

1 Who is the writer's role model?

2 What does the writer like about the role model?

3 What influence does the role model have on the writer?

Practice Writing

1 Examine the categories and complete the table using the examples in the box.

- The characteristics of the role model ----- ㉠
- Specific examples of the characteristics ----- ㉡
- How the role model influences me ----- ㉢

㉠	㉡	㉢
puts people in a good mood	(2) _____	(3) _____
(1) _____	helps someone in trouble	will try to help out others

- considerate to others
- tells funny stories to make people laugh
- would like to make other people happy

2 Complete the description about the role model using the information above.

My role model is my best friend David. He always _____.
 For instance, _____.
 _____. Also, _____.
 _____. For example, I can often see that he
 _____. I _____
 _____ happy like David. I will try to
 help out others, too.
 David, you are the coolest person ever!

Write and Share

Gather Your Ideas

1 Who is your role model?

My Role Model _____	family friend teacher sports hero actor musician
------------------------	--

2 List TWO characteristics of your role model and specific examples.

Characteristics		Examples
diligence		
creativity		
Your own	(1)	
	(2)	

3 How have you changed because of your role model? List TWO changes.

<ul style="list-style-type: none"> • try to wake up earlier in the morning • try to think outside the box • Your own (1) _____ <li style="margin-left: 100px;">(2) _____
--

Write Your Story

Write about your role model.

My Role Model

Self- Checklist	Yes	No
	<input type="checkbox"/>	<input type="checkbox"/>
	Did you include TWO characteristics of your role model?	
	<input type="checkbox"/>	<input type="checkbox"/>
	Did you present specific examples clearly?	
	<input type="checkbox"/>	<input type="checkbox"/>
	Did you describe the role model's influence on you?	
	<input type="checkbox"/>	<input type="checkbox"/>

Share Your Story

Present your role model to your classmates. Then write down the role models of three classmates and give some comments on them.

Friend's name	Role model	My comment

More writing

자신이 가장 큰 고마움을 느끼는 친구에 대해 다음 내용을 포함하여 쓰시오.

(60 ~ 80 단어)

- name of your friend
- why you feel thankful
- what you will do for the friend

	word count
<hr/>	
<hr/>	
<hr/>	
<hr/>	

One the Web

For My Mother,

My Friend

by Candice Winn

I don't think I ever told you,
how much I appreciate the things you do.
You have been there when I cried,
and always known when I've lied.
You taught me how to read and sing,
and punished me when I did the wrong thing.
You were there to tell me goodnight,
and always knew how to make things all right.
I look up to you, Mom,
and I love you very much.
I don't know what it would be like
without your loving touch.
You will always come first in my heart,
no matter how far we are apart.
Mom, I have not told you,
I don't know where I've been.
You're not only just my mother,
you're forever my best friend.

Check Yourself

A 1 Fill in each blank with a suitable word from the box.

About six months ago, I _____ a memory book for my mother. It was a birthday present for her, and she really _____ it. I looked forward to reading a wonderful book of memories. Today I got a birthday gift from my mother. When I _____ the gift, I was surprised to see a memory book filled with family photos and stories about me.

appreciated	unwrapped	purchased	wondered
-------------	-----------	-----------	----------

2 Fill in each blank with an expression from the box. Change the form if necessary.

(1) Despite his injuries, the athlete _____ advance to the finals.

(2) People flocked to the town to _____ gold and silver.

(3) It is important to appreciate what people usually _____.

manage to	take for granted	dig up
-----------	------------------	--------

B 1 Choose the correct one in each box.

(1) This morning I lost a pair of earrings I bought / had bought for my girlfriend yesterday.

(2) When I arrived at the platform, the subway train has / had left.

2 Rewrite the sentence.

The boy told the doctor he did not want to get a shot.

→ The boy said to the doctor, " _____."

C Read the passage and answer the questions.

It was not until yesterday that I took a cab to So-orung and bought some fertilizer, dug a hole on the spot Mom had pointed out, and moved the persimmon tree. Because I doubted it could even grow, I was surprised to find its roots much **Ⓐ** stronger than before when I dug it up to move it. What a strong **Ⓑ** determination to survive in the cold earth it had! I wondered why Mom gave me the tree. Did she want me to watch its branches multiply and its trunk thicken? Did she mean to teach me that if I wanted to see fruit I had to **Ⓒ** take care of it? For the first time, I felt an emotional attachment to the tree. My doubts that it could ever bear fruit **Ⓓ** increased.

1 What can be inferred from the passage?

- Ⓐ The narrator was sure that the persimmon tree would grow well.
- Ⓑ The narrator's mom bought some fertilizer for the tree.
- Ⓒ The narrator was impressed with the tree's strong will to survive.
- Ⓓ The narrator felt attached to the tree when her mom gave it to her.

2 Among Ⓐ - Ⓓ , which one does NOT fit the context?

D Examine Jessica's memo and complete the description of her role model.

-
- **My role model** my father
 - **Characteristics** does lots of volunteer work
 - **Specific example** is busy, but he visits a nursing home once a month
 - **Influence on me** try to look for opportunities to help others
-

My Role Model
_____ is my role model. I want to be like _____ when I grow up. This is because _____ _____ Now I try to _____ _____

Unit 3

Sports

p. 77

How Did You Overcome Difficulties?

Unit Guide

Reading **Strategy** SQ3R

Passage The Fastest Man on No Legs

Writing **Task** My Future Plans

Language • compete - competitive

- Oscar thinks the desire to **keep** improving himself and **be** the best has been a great source of energy for him.
- My parents convinced me that I could do **whatever** I dreamed of doing.

Warm Up

Key Words

Read the sentences and guess the meanings of the words in bold.

- 1 Paul was awarded for his **achievement** in science.
- 2 The room was decorated with **artificial** flowers.
- 3 My sister tried to **convince** Dad to raise her allowance.
- 4 He was born with a **disability**: He could not see.
- 5 The little boy **impressed** the audience with his piano performance.
- 6 Tim cannot play in the soccer match due to his recent knee **injury**.
- 7 If you want to be a good leader, learn how to **motivate** others.
- 8 Laura is trying to **overcome** her shyness.

Reading Strategy

SQ3R

helps you understand the passage more fully when there is a lot of information in the passage.

How to use this strategy

Survey	Preview the passage first.
Question	Ask questions and make predictions.
Read	Read the passage closely.
Recite	Summarize the passage in your own words.
Review	Go over the passage again and check your comprehension.

If Life Gives You Lemons ...

Some people give up hope because of difficulties. Others, however, succeed in spite of them. Their success stories give hope.

Jisung Park

Jisung Park started playing soccer at 11. He was short and had flat feet. He did not give up, though. Now he is one of the greatest soccer players in the world.

Dr. Jill Bolte Taylor

At the age of 37, Dr. Taylor experienced a massive stroke when a blood vessel exploded in the left side of her brain. As a brain doctor, she observed all that was happening—from the time she woke up with a sharp pain in her head to her recovery process—over the course of several years, and wrote a book about her recovery.

Jamie Oliver Jamie Oliver

Jamie Oliver had difficulty with reading, so he could not graduate from high school. At 16, he discovered his talent for cooking in a special school. Now he is a world-famous chef!

Instead of complaining that you did not get apples, Instead of complaining that you did not get apples, just make lemonade with lemons. Do everything to get just make lemonade with lemons. Do everything to get apples, but do enjoy your lemonade all the same!

Prepare to Read

Look and Think

Look at the picture and think about the questions. Share your ideas with your classmates.

- 1 What makes the athlete special or unique?
- 2 Should he be allowed to compete in the Olympics?

Guess and Talk

The athlete in the picture above is called "the fastest man on no legs." Circle the expressions that you think will appear in an interview with him and talk about them with your partner.

gold medal	winning spirit	advantage
lade	rugby	limb

Read and Do

The Fastest Man on No Legs

Oscar Pistorius is a sprint runner from South Africa. Called “the Blade Runner” and also known as “the fastest man on no legs,” he has impressed people with his hopes and achievements. *High Teens* met with the athlete to learn more about his life.

High Teens Hello, Mr. Pistorius. Thank you for taking the time to meet with us.

Oscar No problem. Please call me Oscar.

High Teens OK. First, can you briefly tell us about yourself, Oscar?

Oscar Well, I was born in 1968 in South Africa. Unfortunately, I was born with a problem in both legs. When I was 11 months old, I had to have both legs cut off below the knee. Despite my physical disability, I’ve loved playing sports since childhood, and as you know, I’m now a runner.

Reading Strategy

Survey the entire interview. Write two questions you expect the interview to answer.

High Teens Wow, that's awesome. What sports did you like to play as a kid?

Oscar All kinds. I really liked rugby. But I suffered a serious knee injury during a rugby game.

High Teens I didn't know you played rugby. When did you start running, then?

Oscar I started running in January 2004. I really love it. I'm very happy when I run.

High Teens Do you feel uncomfortable when you run?

Oscar Never. I've used my artificial limbs since I was 17 months old. They aren't different from normal legs. They just belong to me. My parents convinced me that I could do whatever I dreamed of doing. Nothing can stop me. That's my motto in life.

High Teens Do you do any special type of training?

Oscar Not really. I go through training like any other athlete such as keeping my muscles strong and working on running speed.

Q1 Find TWO sentences that describe how Oscar feels about running, and underline them.

Q2 Oscar thinks that his artificial limbs are the _____ as normal legs.

Over to You What is your motto in life?

High Teens You've become a symbol for overcoming difficulties. How did you do it?

Oscar My family always taught me that there was nothing that I couldn't achieve if I tried hard. I was always encouraged to do everything everyone else did. I've lived my life, believing that I can overcome any difficulty. Plus, I just keep trying to do better.

High Teens What keeps you motivated?

Oscar I don't have legs, but I have a winning spirit. I mean, I try to win whenever I do something. I think the desire to keep improving myself and be the best has been a great source of energy for me.

High Teens How did you feel when you took part in the 2011 International Association of Athletics Federations World Championships in Daegu?

Oscar I was really thrilled because I'd dreamed of competing in major championships for a very long time. Stepping out onto the track for the first time in Daegu was a very special moment. I was pleased that I reached the semi-finals in the 400 meter race and helped the relay team break the South African national record.

Q1 What motivates Oscar?

Q2 What had Oscar dreamed of for a long time?

Over to You What is one thing you really want to do in life?

You can't say that you can't do something. If you want to do something and you put your mind to it, then you'll get it done.

High Teens But there are still some people who think that you shouldn't be competing with other athletes. They argue that the artificial legs give you an unfair advantage. What's your opinion?

Oscar I've seen some ill-informed comments online. However, some of the world's leading scientists in this field have proven that I have no advantage when competing against other athletes. Actually, I don't really pay attention to such comments. I just try to do my best.

High Teens Finally, do you have any advice for our teen readers?

Oscar My advice is this: Always believe in yourself and never let anyone tell you that you can't do something. I always say to myself, "You're not disabled by the disabilities you have; you're abled by the abilities you have." It's great to live your life always believing in yourself.

High Teens Thank you so much for this interview.

Oscar My pleasure.

Reading Strategy

Summarize the interview from line 1 to line 9.

Q1 Why do some people think that Oscar should not compete with other athletes?

Q2 Oscar advises that we should _____ ourselves.

Over to You What other questions would you like to ask Oscar?

Review the Passage

Organizer

Complete the organizer by filling in each blank with a word from the box.

Name: Oscar Pistorius

known as "the Blade Runner"

Nationality: South Africa

Difficulty

Oscar had his legs cut off below the _____ when he was 11 months old.

Motivator

Oscar has the desire to keep _____ himself and be the best.

Achievements

In Daegu, Oscar reached the _____ in the 400 meter race and helped the relay team _____ the South African national record.

Oscar's advice for teens

in yourself and have _____ that you can do anything.

confidence	break	improving	knee	semi-finals	believe
------------	-------	-----------	------	-------------	---------

Comprehension

A Get the Facts Right

Read the statements on Oscar Pistorius and check T or F.

- 1 ☐ T ☐ F He is a sprinter called "the Blade Runner."
- 2 ☐ T ☐ F He feels uncomfortable in his artificial limbs.
- 3 ☐ T ☐ F When he was a child, he did not like to play sports.
- 4 ☐ T ☐ F He was seriously injured during a game of rugby.
- 5 ☐ T ☐ F He receives the same kind of training as any other athlete.

B Complete the Summary

Fill in each blank with a word in the passage that starts with the given letter.

Oscar Pistorius was born with a problem in both legs. When he was 11 months old, he had to have both legs cut off below the knee. Despite this d_____, he has become the fastest man on no legs. In 2011, his dream came true: He p_____ in the major championships in Daegu. Although some people claim that his a_____ legs give him an unfair advantage, he ignores such criticisms. His view toward life and his attitude to challenges are truly i_____.

Critical Thinking

Think about the questions and share your thoughts with your classmates.

- 1 Among Oscar's responses in the passage, what impresses you the most?
- 2 Do you think it is fair for Oscar to compete against other athletes?

Language Work

Vocabulary Building

Some words become nouns meaning a person when you add *-or*, *-er*, or *-ian* to them.

operate			person
interview			operator
logic	+	-or -er -ian	interviewer
			logician

Complete the table with the correct form of each word. Check spelling in a dictionary.

challenge		music	
navigae		library	

Useful Expressions

- First, **figure out** how much progress the frog makes each day.
- According to the tribe's custom, the three men had to pass an intelligence test.
- He got it correct, and they were set free.

Fill in each blank with an expression in bold above.

- 1 The prisoners were _____ without any condition.
- 2 _____ the weather report, it will be sunny tomorrow.
- 3 World leaders have to _____ a solution to air pollution problems.

Sentence Patterns

- Finding the answer to the riddles is not **as** simple as it seems.
The sneakers are not **as** comfortable **as** you think.
- The last man is silent, **which** means that he does not know the color of his headband.
I gave my mother a gift for her birthday, **which** made her happy.

A Choose the correct ones in the dialog.

Tim and Jim are as
(different/differently)
as night and day.

I agree with you.
Except for their looks,
they have nothing in
common.

Tim is active
but Jim isn't.

You're right.
Look! He is playing
soccer, (what / which)
means he's Tim.

B Identify the mistake and correct it.

If a teacher asks a student not to describe an apple but ① to write a simple riddle about an apple, it greatly affects the student's mental development. ② Making up his or her own riddle becomes a real creative task. The student is not busy ③ remembering old facts about an apple; the student is trying to write a creative riddle for classmates, ④ that makes a great difference.

Plus

- I have a diary, **which** I call "the secret island."
- have two younger brothers **who** love playing basketball.

Prepare to Write Creating a Poster

A good description of a person includes essential facts about the person. To lay a "Who Am I?" game using such a description, it is a good idea to give general information first and then more specific information.

Sample Writing

1 Read the descriptions below and guess who are being described.

I was a Korean man who lived in the 20th century. I fought for my country's independence from Japan. When people hear my name, most of them think of a lunchbox. The last hint is that my family name is the 8th most common surname in Korea. Who am I?.

I am a woman from the United Kingdom. I am famous because I have ruled my country for a long time. You can easily find me because of my crown. The last hint is that I live in Buckingham Palace in London. Who am I?.

2 How did you make the correct guesses? Underline the critical clues.

3 Which clues are presented in BOTH descriptions above?

- | | | |
|--|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> nationality | <input type="checkbox"/> gender | <input type="checkbox"/> occupation |
| <input type="checkbox"/> reason for popularity | <input type="checkbox"/> appearance | |

Pattern Practice

Look at the pictures and complete the sentences.

1 (1) I was a Korean _____ who lived _____.

(2) A lot of people know me because of _____.

(3) My name reminds people that _____.

2 (1) I am a _____ who lives _____.

(2) I am famous because _____.

(3) You can easily find me because of _____.

Help Box

man	woman
in the Joseon Dynasty	in the swamp
I was a great painter	I married a princess
my green skin	the 50,000-won bill

Write and Share

Writing Practice

Read the clues below and complete the description of a famous person.

Gender	male
Time period	Joseon Dynasty
Occupation	admiral
Nationality	Korea
Achievements	defeated the Japanese

Other clues

• quoted as saying, "Don't let the enemy know about my death."

• made the first Turtle Ship

Who Am I?

I was a Korean man who lived _____.

I was _____ who fought for my country and
_____. When people hear of my name, most of
them think of what I said: _____

The last hint is that _____.

Who am I?

Write Your Story

Think of a famous person and take notes. Then write a description of that person.

Gender	
Time period	
Occupation	
Nationality	
Achievements	
Other clues	
	•
	•

Who Am I?

	Yes	No
Self- Checklist	<input type="checkbox"/>	<input type="checkbox"/> Does your description include enough clues?
	<input type="checkbox"/>	<input type="checkbox"/> Are general clues given first and then specific ones?
	<input type="checkbox"/>	<input type="checkbox"/> Is each clue described clearly and concisely?

Play the Game

Play a "Who Am I?" game with your classmates.

More writing

다음 그림을 보고, 은행 안에 있는 사람들이 각각 무엇을 하고 있는지 묘사하시오.
(20~30단어)

So what are the four people
doing now?

I can't talk now.
I'll text you, OK?

word count

- 1 A man in shorts _____.
- 2 A woman in a long skirt _____.
- 3 On the bench, a man wearing glasses _____.
- 4 Behind him, a woman with short hair _____.

One the Web

This is an interesting test of your ability to observe. How many people can you "spot" in this picture?

Check Yourself

A

1 Complete each sentence with a word from the box.

- (1) He used to be _____, but now he is friendly.
 (2) It takes a _____ mind to solve riddles.
 (3) Sam learned how to add and _____ numbers when he was very young.

2 Fill in each blank with a word that is hidden in the puzzle.

S	R	E	C	Y	C	L	E
B	E	S	O	L	V	E	S
O	M	U	S	E	B	U	T
U	V	R	E	M	O	V	E
L	E	G	G	U	T	O	B
D	O	E	L	S	T	L	I
D	O	R	L	S	O	L	I
R	A	Y	R	I	M	O	U

- (1) Love has the power to _____ all kinds of problems.
 (2) Answers are given at the _____ of the page.
 (3) We are all encouraged to _____ cans and bottles.
 (4) She received _____ on her injured shoulder.

B

1 Choose the ones that are correct.

- (1) You can notice James easily, because he is as tall so / as a basketball player.
 (2) It is a fact of life that women use twice as / as twice many words as men d

2 Combine the two sentences into one beginning with the given word.

Eric has a habit of working out in the morning. It helps him lose weight.

→ Eric _____

C Read the passage and answer the questions.

Three men were caught by a hostile tribe. _____ the tribe's custom, they had to pass an intelligence test to save their lives. There were five headbands—two red and three white. The three men were blindfolded and positioned one after another, face to back. The chief put a headband on each of their heads and removed their blindfolds. The rules were that any one of the three men could speak first and try to guess his headband's color. If he guessed correctly, they all could go free. But if not, they would be killed. They all remained silent for a few minutes. Then the first man in the line said: "My headband is white."

1 Which statement is true about the three men?

- Ⓐ They were arrested for breaking the tribe's law.
- Ⓑ They could see one another because they sat in a circle.
- Ⓒ They could be released if one of them knew his headband's color.
- Ⓓ They solved the riddle with their blindfolds on.

2 What is the best expression for the blank?

- Ⓐ Thanks to Ⓑ According to Ⓒ Instead of Ⓓ In addition to

D Complete the description of a famous person for a "Who Am I?" game.

-
- **gender** male • **time period** born in 1889
 - **occupation** actor & director
 - **achievements** produced many famous silent films
 - **other clues** wears a black suit, a hat, and a mustache and carries a stick
-

Who Am I?

I was an English man. I was an actor and director who _____
 _____. People can easily recognize me, because
 I _____. Who am I?

Unit 4

Science

p. 101

How Many Uses Does Sound Have?

Unit Guide

Reading • **Strategy** Identifying Problems and Solutions

• **Passage** Sounds Great, Doesn't It?

Writing • **Task** Top 7 Annoying Noises

Language • **audible** / **available**

- The sound can be sent as far as 500 meters, **making** the device a powerful weapon.
- We have creative applications and can anticipate more useful **ones** in the future.

Warm Up

Key Words

Read the sentences and guess the meanings of the words in bold.

- 1 Tony **aimed** his bow at the center of the target.
- 2 Researchers **analyzed** the data using various approaches.
- 3 Her voice was barely **audible** because of the background noise.
- 4 The loud noise coming from the party **disturbed** the neighbors' sleep.
- 5 The cold weather **numbed** my feet.
- 6 This camera is highly **sensitive** to temperature.
- 7 The police arrested two **suspects**.
- 8 Due to the fog, all flights are **temporarily** delayed.

Reading Strategy

Identifying problems and solutions

helps you understand the relationship between facts presented in the passage.

How to use this strategy

- Read the passage quickly to find a problem and a solution.
- Examine relevant parts of the passage more closely to find out whether a real problem-solution relationship exists.

Can You Hear the Sound?

Have you ever heard the sounds ants make when they move? There are sounds that are inaudible to the human ear, but are loud and clear to animals. There are also devices that use sounds humans cannot hear.

Sounds that humans can hear

Humans can hear sounds in the range of 20 to 20,000 Hz. As we grow older, our hearing range is reduced. An elderly person can usually hear sounds in the range of 50 to 8,000 Hz.

Sounds that animals can hear

Some animals can hear sounds that we humans cannot hear. For example, elephants and moles can hear sounds that are very low in frequency, while bats and dolphins can hear very high frequency sounds.

Devices that use sounds

There are devices that use sounds for various purposes. Some devices emit sounds that mice, rats, and insects cannot stand. Very high frequency sounds are used to scan human bodies, creating images of muscles and organs.

Prepare to Read

Look and Think

Look at the pictures and think about the questions. Share your opinions with your classmates.



- 1 What problem is described in each picture? Have you ever been in similar situations?
- 2 Can you think of ways to use sounds to solve these problems?

Did You Know?

- ☐ Read the statements below and check the ones you already know.
- ☐ Dogs hate extremely high-pitched sounds.
- ☐ Sounds with the same frequency can cancel each other out.
- ☐ Sounds can be used as a powerful weapon.
- ☐ Earthquakes create low frequency sounds in the initial stage.
- ☐ Like a spotlight, sounds can be focused to a specific area.

Read and Do

Sounds Great, Doesn't It?

What does audio technology mean to you? If you only think of devices for recording or playing music, think again. In fact, audio technology provides a wide range of applications that use sound in innovative ways. Here are some creative applications based on the science and technology of sound.

An Invisible Fence

Some dog owners build a fence to keep their pet in the yard. However, if the gate is left open, it just takes one moment for a dog to be out in the streets. Audio technology offers a great solution to this problem. A special wire can be buried around the yard to create an invisible fence. There is a special dog collar that sends out a high-pitched sound when the dog gets too close to the wire. Humans cannot hear the sound, but dogs hate it. The dog quickly learns that it has to stay in the yard to keep away from the annoying sound.

Reading Strategy

What is the problem, and what solution is offered?

A Silence Maker

You are reading a book in the park. Then you hear a girl behind your bench humming a tune from a commercial. You cannot concentrate because of the humming and desperately need some peace and quiet. Thanks to a special machine, you can get rid of offending noise without offending anyone. The machine analyzes the waves of an incoming sound and creates a set of outgoing waves that have the same frequency. The two sets of waves cancel each other out. This way, you can block out just one noise while leaving everything else audible. Simply turn on the machine, point it at the offender, and you can create silence

Q1 A special wire can be buried around the yard to create a(n) _____ fence.

Q2 A silence maker creates a set of _____ waves that have the same frequency as the waves of a(n) _____ sound.

Over to You Where and why would you use a silence maker?

A Loud Weapon

Can we use sound as a weapon? Imagine that a police officer cannot catch a suspect because he is a fast runner. The officer does not want to shoot him with her gun, but she cannot let him get away. Now she can use a gun that has no bullets but produces a sound which can numb the suspect for a few seconds. This special device produces a sound with a maximum of 151 decibels. The sound is painful enough to deafen a person temporarily. Unlike regular sound waves that travel in all directions, those from this device can be aimed like a laser beam. The painful sound can be made to reach the targeted person. The sound can be sent as far as 500 meters, making the device a powerful weapon.

Reading Strategy

Identify the problem and the solution.

Q1 How does the special device work to catch a suspect?

Q2 Like a laser beam, _____ from the device can be aimed at a specific person.

Over to You Are you for or against using this special sound device? Why?

An Infrasound Detector

Natural disasters have always caused devastating results. In many cases, people have been almost defenseless against them. A new way to predict natural disaster is by using an infrasound detector. It is an instrument that can detect the very low frequency sounds that come from earthquakes or volcanic eruptions in their initial stages. While these sounds are too low for the human ear, a sensitive infrasound detector can pick them up and help the authorities issue a warning in time. A large number of infrasound detectors have been set up around the world to help save lives.

A Sound Spot

Just as spotlights are used in a theater, a sound spot can create a circle of sound in a specific area. In other words, people in the sound spot can hear the sound sent to them, but those outside the sound spot cannot hear it. Sound spot technology can be very useful for restaurants, stores, and other businesses. Restaurants, for example, can create several sound spot areas, each of which contains different music. Someday, it may be possible to use sound spot technology in the classroom so that you can chat with your best friend in the back without disturbing the rest of the class.

In what other ways can sound be used? The sky is the limit when it comes to the possible applications of audio technology. We can anticipate more useful ones in the future.

Q1 How does an infrasound detector predict natural disasters?

Q2 A sound spot refers to a _____ area within which a _____ can be heard that cannot be heard outside of it.

Over to You Can you think of a place where a sound spot can be used?

Review the Passage

Organizer

There are five devices in the box that are intended to deal with problems around us. How does each device work? Fill in each blank with one device in the box and match it with its use.

A silence maker	A loud weapon	An infrasound detector
A sound spot	An invisible fence	

- | | |
|--|--|
| <p>(1) _____ •
 _____ senses
 low frequency sounds
 emitted from earthquakes or
 volcanic eruptions.</p> | <p>• _____
 It keeps your dog in the yard.</p> |
| <p>(2) _____ •
 _____ turns a
 specific area into a circle of
 sound.</p> | <p>• _____
 It gets rid of offending noise
 without offending anyone.</p> |
| <p>(3) _____ •
 _____ produces
 painful sounds, which are
 targeted at one person.</p> | <p>• _____
 It helps an officer catch a
 suspect without using a
 gun.</p> |
| <p>(4) _____ •
 _____ emits
 high-pitched sound that
 dogs hate.</p> | <p>• _____
 It helps people predict
 natural disasters.</p> |
| <p>(5) _____ •
 _____ cancels
 out sound waves with the
 same frequency.</p> | <p>• _____
 It allows people to listen to
 their music without
 disturbing others.</p> |

Comprehension

A Get the Facts Right

Read the statements below and check T or F.

- 1 ☐ T ☐ F A special collar sends out a high-pitched sound when the dog is far from the wire.
- 2 ☐ T ☐ F You can use a silence maker by pointing it at the source of the noise.
- 3 ☐ T ☐ F The sound waves from the loud weapon are sent in all directions.
- 4 ☐ T ☐ F In the initial stages, earthquakes make high-frequency sounds.
- 5 ☐ T ☐ F People outside a sound spot cannot hear the sound played inside the spot.

B Complete the Summary

Fill in each blank with a word from the box. Change the form if necessary.

Do you have trouble concentrating because of offending _____ ?

There is a perfect solution! The Silence Maker _____ the waves of an incoming sound and creates a set of outgoing waves with the frequency. As a result, the two sets of waves _____ each other out, creating silence. Just imagine: By simply turning on the machine, you can have _____ and quiet anytime and anywhere!

same	mix	peace	analyze
noise	absorb	cancel	provoke

Critical Thinking

Think about the questions and share your thoughts with your partner.

- 1 Among the five items, which do you like best? Why?
- 2 Do you know of other products that use audio technology in innovative ways? If so, what are they?

Language Work

Vocabulary Building

Most words that end with -ible or -able are adjectives which express the meaning of "possible."

audible

visible

available

reasonable

predictable

Fill in each blank with a word from the box above.

- 1 The price of the shirt is _____, so I might buy it.
- 2 Cracks are _____ on the surface of the old painting.
- 3 Poverty is a _____ cause of many social problems.
- 4 Is there any laptop computer _____ nearby?
- 5 The sound is not _____, so we need a special device to hear it.

Useful Expressions

- You can get rid of offending noise without offending anyone.
- A sensitive infrasound detector can pick up very low frequency sounds.
- The sky is the limit when it comes to the possible applications of audio technology.

Choose the one that best completes each sentence.

- | | |
|----------------------------------|---------------------------------------|
| 1 The alarm system can pick up • | • ㉠ freshness is most important. |
| 2 Get rid of any distractions • | • ㉡ suspicious smoke in the building. |
| 3 When it comes to food, • | • ㉢ before you start studying. |

Sentence Patterns

- The sound can be sent as far as 500 meters, **making** the device a powerful weapon.
The children came in with their shoes on, **leaving** marks on the floor.
- We have creative applications and can anticipate more useful **ones** in the future.
This chair is too small for my son, so I need to buy a bigger **one**.

A Choose the correct ones in the dialog.

My brother always stays up late, (make / making) it difficult for me to sleep.

Then, why don't you sleep in another room?

I wish I could, but there isn't (one / it) for me to sleep in.

Then, you should just get a sleep mask.

B Identify the mistake and correct it.

Buy our ① amazing dog whistle! Every time you blow the whistle, your dog will immediately pay attention, ② wonder what is going on. In fact, humans cannot hear the whistle's high frequency sounds dogs ③ which can hear. Visit our website and choose ④ one from a wide selection of colors. There are many other useful products that can help you train your dog!

Plus

- **(Being) Kept** in the freezer, ice cream can last for months.
- **Having heard** of many horrible stories about the giant, the children got scared.

Prepare to Write Expressing Opinions

In describing visual data(graphs, diagrams, tables, and charts), figure out what they are about and examine the facts. You can also try to find an interesting aspect of the data.

Sample Writing

Look at the diagram below and answer the questions.



1 What is the diagram about?

2 What are the least loud and the loudest noises according to the diagram?

3 Can you find an interesting fact in the diagram?

Practice Writing

Use the expressions below and complete the description about the diagram on the left.

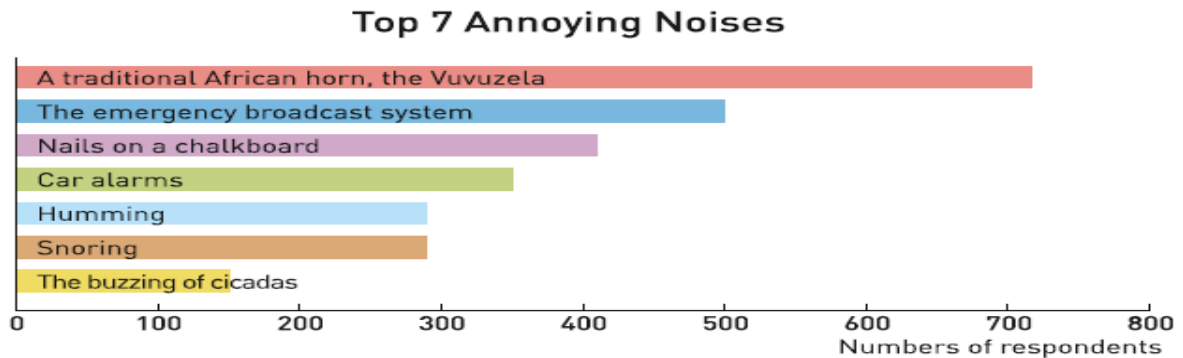
- the noise from wind turbines is far less than that inside a car
- greater than industrial noise
- falling leaves
- jet airplanes
- comparisons of everyday noises to utility sounds

The diagram shows _____.
According to the diagram, _____ are the least
loud noise while _____ are the loudest noise.
The diagram also illustrates that the noise made by drilling is _____
than _____. An interesting fact is
that _____.

Write and Share

Gather Your Ideas

Look at the graph and describe the data.



Based on the survey results above, answer the questions. Use the expressions below.

1 What is the graph about?

2 What are some of the facts shown in the graph? List TWO.

3 What do you regard as the most interesting fact from the graph?

Help Box

- the most annoying noise
- as much as
- ... is a more annoying noise than ...

Write Your Report

Describe the graph shown on the left

Top 7 Annoying Noises	
What noises do people find really annoying? The graph shows	
	_____.

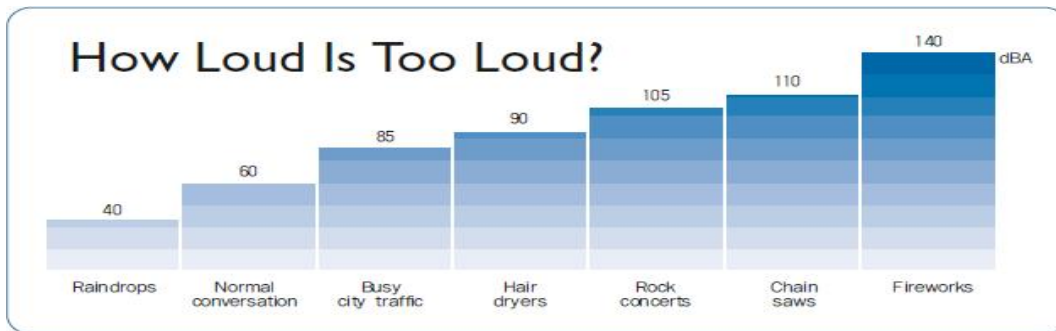
Self- Checklist	Yes	No
	<input type="checkbox"/>	<input type="checkbox"/> Did you mention the topic of the graph?
	<input type="checkbox"/>	<input type="checkbox"/> Did you present the facts shown in the graph correctly?
	<input type="checkbox"/>	<input type="checkbox"/> Did you include an interesting fact about the graph?

Share Your Report

Compare your description with your partner's.

More writing

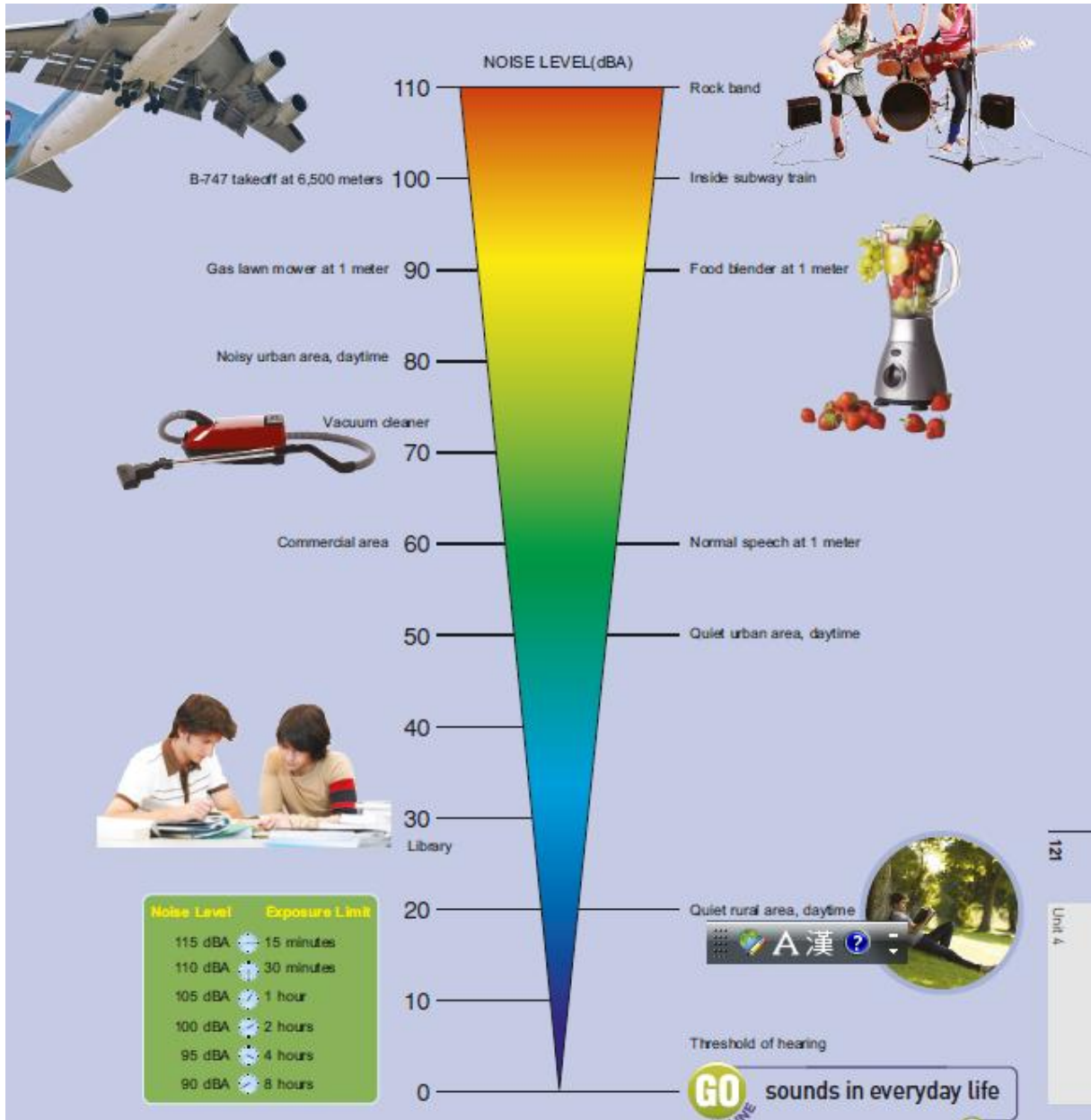
다음 그래프를 보고 아래 정보를 포함하여 청력 손상을 막기 위해 할 일을 제안하는 글을 쓰시오. (60~80단어 내외)



- safe exposure to noise
(to 85 decibels for eight hours a day)
- two things to avoid on a regular basis

word count

One the Web



Check Yourself

- A** 1 Fill in each blank with a suitable word from the box.

The animals living near the railroad are always exposed to various _____, so many of them are hearing-impaired. Thus, they have difficulty running away from danger, often resulting in _____. Also, the noises can _____ the health of young animals, making them sick and even die. A fence that can _____ out the noises is needed.

- 2 Match each word with its definition

- (1) analyze • • ① reacting to very small changes in light, sounds, or temperature
- (2) numb • • ② loud enough to be heard
- (3) audible • • ③ to make someone unable to feel or sense
- (4) sensitive • • ④ to consider something in detail in order to fully understand it

- B** Choose the correct one in each box.

(1)

A This liquid kills germs, leave / leaving the bathroom germ-free.
B That's great! I'll take a bottle.

(2)

A Little Sammy's bed is too small for him. He's growing up so quickly.
B You're right. We need to buy a new one / it for him.

C Read the passage and answer the questions.

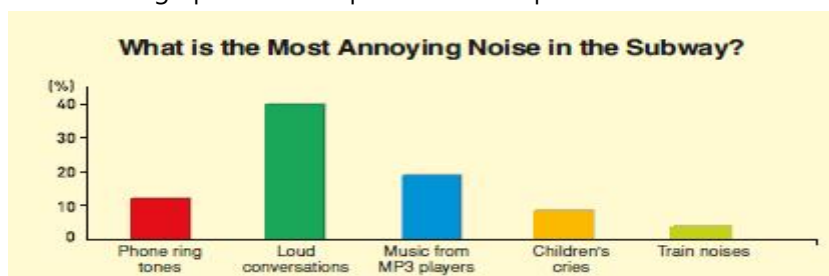
- (A) Thanks to ① a special machine, you can get exactly what you want without offending anyone. ② This magical thing analyzes the waves of an incoming sound, creating a set of outgoing waves with the same frequency. The two sets of waves cancel each other out.
- (B) This way, you can block out ③ a particular noise while leaving everything else audible. All you have to do is activate the device and point ④ it at the offender.
- (C) You are taking a rest in a park. Then you hear a boy singing a song from a commercial. The little boy behind your bench keeps humming the song. You just want some peace and quiet.

1 What is the correct order of the paragraphs?

- ① (A) - (C) - (B) ② (B) - (A) - (C)
 ③ (C) - (A) - (B) ④ (C) - (B) - (A)

2 Among ① — ④, which one refers to a different thing?

D Look at the graph and complete its description.



The graph shows _____.

According to the graph, _____ are the most hated, while _____ are the least annoying. _____

is greater than that of people who hate children's cries. An interesting fact is _____.

Unit 5

Lifestyle

p. 125

Is Being Different Better or Worse?

Unit Guide

- Reading**
 - **Strategy** Compare and Contrast
 - **Passage** Choosing to Be Different
- Writing**
 - **Task** My Opinion
- Language**
 - vary - various, variety, variable, variation
 - Urban homesteaders are **not** skeptical of **all** modern conveniences.
 - **What** the residents like most is that they can look after one another.

Warm Up

Key Words

Read the sentences and guess the meanings of the words in bold.

- 1 K-pop concerts **attract** lots of young music lovers around the world.
- 2 It is sometimes difficult to **distinguish** fact from opinion.
- 3 You can meet people from **diverse** cultures while traveling.
- 4 A **nomad** does not have a permanent home, but moves from place to place.
- 5 The old man is a **resident** of the nursing home.
- 6 My uncle has lived in the countryside since he **retired**.
- 7 Some people **sacrifice** comfort and health to appear fashionable.
- 8 Traffic is heavier in **urban** centers than in the countryside.

Reading Strategy

Compare and contrast helps you recognize similarities and differences in the passage.

How to use this strategy

- Look for signal words that show similarities or differences.
- Compare or contrast the information presented in the passage.
- Make sure that comparisons or contrasts make sense.

Are You One of Them?

People live in a variety of ways for one reason or another. Since no one way of life can be proven to be better than another, it is important to appreciate ways of life that are different from yours.

Nomads: People on the Move

Nomads move from one place to another in search of water and food for themselves and their animals. There are an estimated 30 to 40 million nomads in the world.

Urban Homesteaders: Farmers in the City

An urban homesteader is someone who enjoys living in the city and grows food or raises animals in their backyard.

Vegetarians: Lovers of Plant-based Diets

There are hundreds of millions of vegetarians in the world. More and more people choose a vegetarian diet based on grains, fruits, vegetables, and other foods.

Motivations for vegetarianism include concerns about health, animal rights, and the environment.

Prepare to Read

Look and Think

Look at the pictures. Which lifestyle do you like better? Share your opinions with your classmates.

Talk About Yourself

Examine the imaginary situation described in the box. If you were one of Mr. Urban's children, what would you say?

Mr. Urban, who has a wife and two children, works for a large firm in the city. All of a sudden, he decides to go to the country to farm.

Read and Do

Choosing to Be Different

In the north of Iran, Ishmael and his family walk their goats through the desert to a remote summer home in the mountains, sacrificing comfort and risking danger. In Vancouver, Canada, a teenage boy reads from a history book at home and talks with his father about it. He has not gone to school in over a year. In the heart of Sydney, Australia, Paul and his family enjoy a healthy and balanced diet but never go shopping for groceries. They drive cars and use appliances but never go to a gas station or pay a utility bill. Finally, a group of retired people in Texas live a happy life in a gated community far from where they used to work and live. They enjoy quality time on their own in their golden years.

These people come from different cultures around the world. They behave the way they do for various reasons. There is one thing, however, that these people have in common: They have chosen lifestyles that distinguish them from others.

Reading Strategy

What do the people in the passage have in common?

Modern Nomads

Around the globe, there are groups of people who know about modern life but quietly resist it. Bakhtiari nomads of Iran are one such group. About a third of them have chosen not to go to cities or get jobs other than goat-herding. During the last century, Iran's leader, the Shah, made the Bakhtiari give up their tradition. After the Shah was forced out of power, however, the Bakhtiari went back to their traditional nomadic lifestyle. Every spring they pack up their animal-hair tents and everything else they own. They leave the desert on foot, traveling more than 300 kilometers to their summer home high in the majestic Zagros Mountains. In the fall, they pack everything up again and return to the desert in Khuzestan Province to spend the winter.

Zagros Mountains a mountain range in southern Iran

Khuzestan Province one of the 31 provinces of Iran

Q1 What does "one such group" in line 4 refer to?

Q2 Every spring the Bakhtiari leave the desert on _____ and travel to their home _____ in the mountains.

Over to You If you were one of the Bakhtiari people, would you choose traditional or modern life?

Learning out of School

Many people in different parts of the world do not send their kids to school. Instead, they choose home-schooling because they are attracted to the lifestyle it allows. By participating in community life, home-schooled children feel comfortable with diverse people, and they can build friendships with them more easily. At family baseball games, kids of all ages — siblings, friends, and newcomers — play with each other and with adults. With home-schooling, family members have more time to talk and listen; more time to spend in libraries, museums, and concert halls; more time to hike, ride bikes, read, or think. Just a decade ago, not many families considered home-based education a serious option for their children, but the tide has turned.

Reading Strategy

In what ways is home-based education different from traditional education?

Q1 Why do many people choose home-schooling over traditional education?

Q2 How can home-schooled children form friendships with diverse people?

Over to You If you were a parent, which would you choose for your children, home-schooling or traditional education?

A Small Farm in the Backyard

Another group includes those in big cities like Los Angeles who are concerned about the environment. They believe that the future of the planet depends on the creation of new ways of living. These people belong to the urban homesteaders movement. Urban homesteaders live in the middle of large cities. However, they stay away from supermarkets, malls, and gas stations. They grow fruit and vegetables. They raise animals in their small urban backyards. They use wind and solar power to produce their own electricity. They make their own fuel to power their cars and trucks. The urban homesteaders even collect rainwater for washing. If there are any essentials that they cannot make or grow, they get them by trading with other homesteaders. Urban homesteaders are not skeptical of all modern conveniences. Rather, they promote ways to enjoy life in the 21st century without harming the environment.

A Disneyland for Senior Citizens

The final group is small but growing at a fast rate. It is made up of people 55 or older who live in retirement communities in southern U. S. states like Texas and Florida. In these communities, residents live a worry-free life every day of the year. Everything is perfect: The climate is nice, the streets are safe and clean, facilities are specially designed for elderly residents, and there is peace and quiet. What the residents like most about the retirement communities is that they can look after one another and do many things together. Children can visit, but only for a few days a year. Free from the stress of working long hours and the burden of raising a family, these retirees choose to live their golden years in happy isolation. They are in their own child-free "Disneyland."

Q1 Urban homesteaders are mainly concerned about the _____.

Q2 What do residents like most about their retirement community?

Over to You What would you do if your parents wanted to live in a retirement community?

Review the Passage

Organizer

Complete the organizer by filling in each blank with a word from the box.

1 Modern Nomads

_____ modern life and lead
a nomadic life

- herd goats
- spend summers in the
_____ and winters in
the desert

2 Learning out of School

choose home-based education

- form _____ with many
different kinds of people by
participating in community life
- spend more time enjoying
activities with _____

3 A Small Farm in the Backyard

care about the environment

- grow food and raise animals in
the _____
- produce _____ and collect
rainwater

4 A Disneyland for Senior Citizens

live in a _____ community

- live a _____ life
- look after one another and do
many things together

resist	city	retirement	friendship
electricity	mountains	worry-free	family

Comprehension

A Get the Facts Right

Read the statements below and check T or F.

- 1 ☐ T ☐ F Almost all of the Bakhtiari nomads choose to live the traditional way.
- 2 ☐ T ☐ F During the last century, the Shah forced Bakhtiari nomads to give up their tradition.
- 3 ☐ T ☐ F Home-schooled children learn how to interact with others outside the school.
- 4 ☐ T ☐ F Urban homesteaders choose a lifestyle that resists all modern conveniences.
- 5 ☐ T ☐ F Children can visit their parents in retirement communities at any time.

B Complete the Diary Entry

Fill in each blank with a word from the box.

Today I visited my grandparents living in a retirement community. Two months ago, they said they would spend the rest of their lives there. I was very surprised to see the peaceful atmosphere and many convenient _____ for the elderly. I talked with my grandparents about life in the retirement community. They sounded very happy and _____. They do not have to work long hours and endure the _____ of raising a family. All they have to do there is to have a good time in happy _____. On the way back home, I thought it would be a great idea to live in a retirement community when I am older.

facilities	uncomfortable	content
burden	freedom	isolation

Critical Thinking

Make a group of four. Think about the questions and share your thoughts.

- 1 Which of the four lifestyles do you like best?
- 2 Which do you prefer, following the crowd or living your own way?

Language Work

Vocabulary Building

Related forms of a word often express very different meanings.

• various	• successful
vary	• success
• variety	• successive
• variable	• succession
• variation	
succeed	

Choose the correct one in each box.

- 1 The movie was an instant succession / success.
- 2 He has done various / variable experiments to find the cure for the disease.
- 3 After several successive / successful attempts, Tom finally got a driver's license.
- 4 The store has a wide variation / variety of fruits.

Useful Expressions

- The retired people live in a gated community far from where they **used to** work and live.
- About a third of Bakhtiari nomads have chosen not to get jobs **other than** goat-herding.
- The future of the planet **depends on** the creation of new ways of living.

Fill in each blank with an expression in bold above.

- 1 When in middle school, I _____ play soccer after school with my friends.
- 2 The chances of making new friends _____ how open-minded you are.
- 3 We have no choice _____ going on foot because the last bus just left.

Sentence Patterns

- Urban homesteaders are **not** skeptical of **all** modern conveniences.
Not every new technology makes the world a better place.
- **What** the residents like most about the retirement communities is that they can look after one another.
You must say clearly **what** must be said.

A Correct the underlined parts in the dialog.

So what do you want, son?

Well, that I want is to have my hair dyed, Mom.

Green hair is in style.

No way! No every kid has their hair dyed.

B Choose the correct one in each box.

Some students seem naturally enthusiastic about (A) what / that they learn, but many need their teachers to inspire or motivate them. Unfortunately, there is no single magical formula. In other words, (B) no / not all students are motivated by the same needs, desires, or wants. There are many factors (C) what / that affect a student's motivation to learn: interest in the subject matter, perception of its usefulness, general desire to achieve, and so on.

Plus

- **Whatever** you want, I will get it for you right away.
- I do not believe that **whatever** she says is true.
- You can ask **whatever** you want.

Prepare to Write My Opinion

When you write your opinion about something, it is important to state whether you agree or disagree clearly. Also, you should add examples to support your claim.

Sample Writing

Read the passage below and answer the questions.

My Opinion on Home-schooling

There have been many debates about home-schooling. In my opinion, students should attend school rather than study at home. Many who support home-schooling argue that students can learn at their own pace in a safe environment. However, I think that there are benefits to studying in school that home-schooling cannot provide. For example, students take part in club activities and learn how to socialize. Moreover, students can become more motivated by being in a competitive environment. This will help them work harder.

1 What is the writer's opinion about the topic?

2 What is the opposing view?

3 What TWO reasons are provided to support the writer's opinion?

Practice Writing

1 Examine the categories and write the appropriate letter for each statement.

- Opinion about the topic —①
- Supporting reasons ——— ⑤
- Opposing view ———— ⑥

- (1) O Volunteer work should be a requirement for every student.
- (2) When volunteer work becomes mandatory, it can allow students to build the habit of helping others.
- (3) Many argue that students should be given the freedom to make their own decisions.
- (4) It can ensure that there are enough volunteer workers available to help those in need.

2 Complete the passage using the information above.

My Opinion on Mandatory Volunteer Work

There have been many debates about making volunteering mandatory for high school students. In my opinion, _____
 _____. Many who oppose the idea argue that _____
 _____.
 However, I think that there are benefits to making volunteer work mandatory. For example, _____
 _____.
 Moreover, _____
 _____.

Write and Share

Gather Your Ideas

1 Check your position on the topic given below.

Topic	Extending break time in school
My opinion	<input type="checkbox"/> I think break time should be longer. <input type="checkbox"/> I do not think we need to make break time longer.

2 Brainstorm possible reasons that support your opinion. Then choose TWO.

- | |
|--|
| <ul style="list-style-type: none">• We will have more time to get ready for the next class.• We will be able to spend more time with friends.• Your own (1) _____
(2) _____ |
|--|

3 List TWO reasons that your opponents may use to support their opinions.

- | |
|---|
| <ul style="list-style-type: none">• School will finish later than now.• With longer break time, we will waste time doing unnecessary things.• Your own (1) _____
(2) _____ |
|---|

Write Your Opinion

Write your opinion on extending break time.

Extending Break Time in School

There have been many debates about extending break time in school. In my opinion, _____.

Self- Checklist	Yes	No
	<input type="checkbox"/>	<input type="checkbox"/>
	Was your opinion clearly stated?	
	<input type="checkbox"/>	<input type="checkbox"/>
	Did you mention the opposing view?	
	<input type="checkbox"/>	<input type="checkbox"/>
	Did you include TWO reasons that support your opinion?	
	<input type="checkbox"/>	<input type="checkbox"/>

Share Your Opinion

Present your opinion and compare it with your partner's.

More writing

다음 세 가지 질문에 대한 답을 생각해 본 후, 자신이 선택하고 싶은 생활 방식과 그것의 장점을 두 가지 포함하여 쓰시오. (90~100단어)

Q1 Where would you like to live?

Q2 What do you want to do in your free time?

Q3 Why would you choose to live this way?

word count

One the Web

DO NOT **UNDERESTIMATE**
YOURSELF BY **COMPARING**
YOURSELF WITH OTHERS. IT'S
OUR **DIFFERENCES** THAT MAKE
US UNIQUE
AND
BEAUTIFUL.

Check Yourself

- A** 1 Fill in each blank with a suitable word from the box.

People should ask questions to make sure a retirement community is _____ for them. How much is the monthly _____? Which services and activities are included in the community program? What social and physical activities are _____? Are the _____ well maintained? Remember: A retirement community should be chosen with care.

fee facilities comparable available suitable

- 2 Complete each sentence with a word containing the given letters.

- (1) In fact, identical twins are not easy to d□□t□□g□□□□.
- (2) For more ideas about saving on the electricity b□□□, visit our website.
- (3) She lives in virtual i□□l□t□□□ in her large house accompanied only by her dog.

- B** 1 Choose the correct one in each box.

- (1) Whenever I faced an obstacle, I always remembered that / what my father said to me.
- (2) Political leaders all over the world completely ignored what / which was going on in Rwanda.

- 2 Combine the two sentences into one beginning with the given word.

Some people like rock music. However, others do not.

→ Not _____.

C Read the passage and answer the questions.

Some people in big cities are concerned about the environment. These urban homesteaders believe that without new ways of living, the future of the planet will be dark. They live in large cities. ____ (A) ____, they do not go to the supermarkets, malls, and gas stations. They grow fruit and vegetables and raise animals in their small backyards. They use wind and solar power to produce their own electricity. Nevertheless, there are daily necessities they cannot make or grow. These items they get by trading with other homesteaders. Urban homesteaders are not against all modern conveniences. ____ (B) ____, they are looking for ways to enjoy life without harming the environment.

1 What can be inferred about urban homesteaders from the passage?

- Ⓐ They live in rural areas, hoping to stay healthy.
- Ⓑ They do not need any daily necessities at all.
- Ⓒ They are not skeptical of all modern technology.
- Ⓓ Family happiness is the most important value for them.

2 What is the best expression for each blank?

- | | | | |
|-----------|---------|---------------|-----------|
| (A) | (B) | (A) | (B) |
| Ⓐ However | Besides | Ⓑ For example | Moreover |
| Ⓒ However | Rather | Ⓓ For example | Similarly |

D Complete the opinion on no cellphones in school.

No Cellphones in School

There have been many debates about having cellphones in school. In my opinion, students should not be allowed to have their cellphones in school. Many who support using cellphones in school argue that _____. However, I think that there are benefits to _____. For example, _____. Moreover, students will be effectively prevented from _____.

Unit 6

Art

p. 149

Have You Ever Heard of Land Art?

Unit Guide

- Reading**
 - **Strategy** Note-Taking
 - **Passage** Land Art in Small Frames
- Writing**
 - **Task** A Story-telling Painting
- Language**
 - span / work
 - Only **rarely does a work of land art take** on a fixed, permanent form.
 - **It is** through photographs **that** land art is given a much longer life.

Warm Up

Key Words

Read the sentences and guess the meanings of the words in bold.

- 1 We have to **arrange** the chairs in a circle.
- 2 The photo **exhibition** will be held in the art center.
- 3 The book full of good photos is enough to **grab** readers' attention.
- 4 I wanted to take photos of the beautiful **landscape**.
- 5 The sculpture The Thinker is a **monumental** work of art by Auguste Rodin.
- 6 The artist was awarded a prize for her **outstanding** achievements.
- 7 Paul no longer has to look for a part-time job he has found a **permanent** job.
- 8 We need to **transform** crisis into opportunity.

Reading Strategy

Note-taking

helps you sort, relate, and recall information from the passage better.

How to use this strategy

- Read the passage all the way through.
- Underline the important information and details.
- Write them in graphic or written organizers.

Have You Ever Seen These Works of Art?

Generally, artists use clay, metal, paint, and other materials to create physical art objects. However, there are different forms of art such as performing arts and video art.

Performing Arts

Performing arts are art forms in which artists use their body or voice to express meaning artistically. They include dance, music, opera, theater, magic, and circus arts.

Street performance is the practice of performing art, usually music, in public places mostly to get some money. People engaging in this practice are called street performers or street musicians.

Video Art

Video art is a type of art which relies on moving pictures. It came into being during the 1960s and 1970s. One of the most famous video artists is Paik Nam June.

Prepare to Read

Look and Think

Look at the pictures and think about the questions. Share your opinions with your classmates.

- 1 Do you think the pictures are works of art?
- 2 What do you think is the message of each picture?

Talk About Yourself

What are good artists supposed to do? Check and share your opinions with your partner.

- ☐ think creatively
- ☐ delight viewers with fantastic images
- ☐ create art in a fixed, permanent form
- ☐ display art in a museum
- ☐ produce art on a physical landscape
- ☐ _____

Read and Do

Land Art in Small Frames: Earth Art Photo Exhibition

Dates: September 1—7, 2013

Venue: COEX, Seoul

Do not miss a rare opportunity to explore outstanding land art in small frames! A collection of photographs will delight you with fantastic images and let you wonder what possibly motivated the artists to create art not on a canvas but on land. The exhibition lasts for one week only, so mark your calendar!

What Is Land Art?

The name “land art” is commonly used to identify a specific form of art. Most importantly, land art involves using physical landscapes to create art. This means that art is not confined to the museum but is kept outdoors. Thus, people are forced to view land art in a natural context where Mother Nature rules. It is also noteworthy that land art is designed to evolve, change, and eventually decay. Some land art lasts only for a few hours or days, whereas other land art is exposed to all the natural forces so that it transforms itself over time. In land art, only rarely does a work of art take on a fixed, permanent form. The special exhibition presents the photographs that capture some beautiful examples of land art.

Major Works on Display

Spiral Jetty

Location: Utah, U. S.

This is Robert Smithson's best known work of art, and probably the most famous piece of all land art. To create *Spiral Jetty* (1970) on the shore of the Great Salt Lake in Utah, Smithson arranged 457 meters of rock, earth, salt, and red algae into a counter-clockwise spiral. He moved about 6,650 tons of rock and earth from the shore into the water. The jetty was completely under water for some time. However, after years of drought, water levels went down, and the jetty became visible again in 2004, over three decades after its creation. The jetty transforms itself every year because salt layers from the Great Salt Lake are formed around the spiral. Every year, tens of thousands of art lovers travel to view the work of art. In several decades, however, the great work may completely lose its shape and colors.

Reading Strategy

Read the passage and take notes of interesting things about *Spiral Jetty*.

Q1 What do land artists use to create art?

Q2 Why does *Spiral Jetty* look different every year?

Over to You What message do you think Robert Smithson wanted to convey?

Bunjil Geoglyph

Location: You Yangs National Park, Australia

Is this an ancient temple? Is this bird a sign of aliens? Neither. It is a work of art called *Bunjil Geoglyph* created by contemporary Australian sculptor, Andrew Rogers. A geoglyph is an image made either by clearing away rocks and soil or by arranging stones or earth within a landscape. Literally, *geo* and *glyph* mean land and writing, respectively. Rogers has created geoglyphs around the world. His most famous geoglyph is located in the You Yangs National Park, which is 55 kilometers southwest of Melbourne, Australia. Rogers constructed the geoglyph to recognize the indigenous people of the area, the Wautharong Aborigines. The geoglyph depicts Bunjil, a mythical creature, cherished by the local aborigines. The creature has a wing span of 100 meters, and about 1,500 tons of rock was used to construct it. Construction was completed in March of 2006.

Reading Strategy

Read the passage and take notes of important things about *Bunjil Geoglyph*.

Wrapped Coast

Location: Little Bay, Australia

Something wrapped reminds us of presents. It makes us wonder what is inside. Christo Vladimirov Javacheff and Jeanne-Claude Denat de Guillebon, a Bulgarian couple, worked together to produce a work of art by wrapping. This installation by the couple depicts a wrapped-up coast, which spans about 90,000 square meters. It was huge and very dramatic, immediately grabbing viewers' attention. The coast, not far from Sydney, Australia, remained wrapped for ten weeks in 1969. Then all the fabric and ropes were removed and recycled, and the site was returned to its original condition.

Many land artists rely mostly on wealthy patrons and private foundations to fund their often costly projects. However, the Bulgarian couple accepted no sponsor contracts. All the materials were recycled, and the funds for their project were raised by selling their own works of art such as collages and drawings.

Q1 What is a geoglyph?

Q2 How long was the work *Wrapped Coast* displayed?

Over to You Why do you think the Bulgarian couple refused to accept sponsor contracts?

The Roden Crater Project

Location: Arizona, U. S.

Some works of land art are not in front of your eyes. They have to be viewed from the sky. *Roden Crater Project* is one such work of art. Roden Crater is an extinct volcanic cone in Arizona. The crater stands more than 1,600 meters above sea level and can be seen even from the Grand Canyon and Painted Desert. The crater is roughly 400,000 years old and about 200 meters deep. The red and black cone is being turned into a monumental work of art by the artist James Turrell. After buying the crater and the pasture land around it in the early 1970s, Turrell designed a system of rooms, connecting passageways, and lookout points. Nobody knows for sure when the project will be finished, but Turrell hopes visitors can experience the beauty of his land art during his lifetime.

Most land art is usually removed after a period of time. Like childhood and life itself, land art is valued because we know that it will not last forever. It is through photographs that such art is given a much longer life.

Q1 Where is James Turrell creating his land art?

Q2 What did James Turrell include in his design for *the Roden Crater Project*?

Over to You If you were a land artist, what would you like to create on a landscape?

Review the Passage

Organizer

Complete the pamphlet by filling in each blank with a word from the box.

Land Art in Small Frames	
<p>1 Title <i>Spiral Jetty</i></p> <p>Location Utah, U. S.</p> <p>Size 457 meters</p> <p>Material 6,650 tons of _____ and earth</p> <p>Features</p> <ul style="list-style-type: none"> • forms a counter-clockwise spiral • always changes because of new _____ layers 	<p>2 Title <i>Bunjil Geoglyph</i></p> <p>Location You Yangs National Park, Australia</p> <p>Size 100 meters in _____ span</p> <p>Material 1,500 tons of rock</p> <p>Features</p> <ul style="list-style-type: none"> • depicts Bunjil, a _____ creature loved by theAborigines • created to recognize the Wautharong Aborigines
<p>3 Title <i>Wrapped Coast</i></p> <p>Location Little Bay, Australia</p> <p>Size 90,000 square meters</p> <p>Material _____ and ropes</p> <p>Features</p> <ul style="list-style-type: none"> • wrapped the coast for ten weeks • removed and _____ the materials after display 	<p>4 Title <i>The Roden Crater Project</i></p> <p>Location Arizona, U. S.</p> <p>Size 200 meters deep</p> <p>Material an volcanic cone</p> <p>Features</p> <ul style="list-style-type: none"> • stands more than 1,600 meters above level • designed to include rooms, passageways, and lookout points • still in progress

wing	salt	recycled	rock
fabric	extinct	sea	mythical

Comprehension

A Get the Facts Right

Read the statements below and check T or F.

- 1 ☐ T ☐ F A work of land art usually takes on a fixed, permanent form.
- 2 ☐ T ☐ F To create *Spiral Jetty*, Robert Smithson moved tons of rock and earth from the shore into the water.
- 3 ☐ T ☐ F *Bungil Geoglyph* was installed in a national park by an Australian artist.
- 4 ☐ T ☐ F *Wrapped Coast* was funded by wealthy patrons and private foundations.
- 5 ☐ T ☐ F *Roden Crater* and the pasture land around it were donated to James Turrell.

B Complete the Summary

Fill in each blank with a word from the box. Change the form if necessary.

Spiral Jetty created in 1970 is probably the most famous _____ of land art. It forms a long, wide _____ spiral spreading from the Great Salt Lake. It had been under water for almost three decades after its _____. Due to a _____, the jetty became _____ again in 2004.

create	destroy	work	visible
flood	drought	counter-clockwise	

Critical Thinking

Think about the questions and share your thoughts with your partner.

- 1 Which of the four works of land art do you like best? Why?
- 2 What do you think of the argument that land art could damage the environment?

A Bulgarian couple **worked** together to produce a **work** of art.

force form work span

3 Some people insist that infants should not

-
- © rely on parents for tuition.

Sentence Patterns

- In land art, only **rarely does a work of art take** on a fixed, permanent form.
Little did I dream that my sister would grow up to be such a famous singer.
- **It is** through photographs **that** land art is given a much longer life.
It was at the photo exhibition **that** I first met my girlfriend.

A Put the words in order to complete the dialog.

Never _____
I / did / dream
that I would win
first prize.

You really deserve it.
You worked so hard
for it.

Without your
encouragement,
I couldn't have done
it.

No. _____
that/ your / is / will / power / it
helped you win the prize.

B Choose the correct one in each box.

Never (A) I thought / did I think that I could create art with leaves.
But one day, I learned how to be an artist with leaves. It was on an
Internet site (B) that / what I read an article about how to create art
with fallen leaves. As they are readily available, you only have to select
leaves of different sizes, colors, and shapes. Glue them to paper or to
any object you like, (C) and / or you will have your own work of art!

- Plus**
- **What she said** I cannot believe at all.
 - **Out of the dark** came a terrifying voice.
 - **So exciting** was the soccer game that I forgot to do my homework.

Prepare to Write A Story-telling Painting

There are paintings that describe interesting events or tell stories. When you write about such paintings, it is important to describe important details. Let's write about paintings that tell interesting stories.

Sample Writing

There is the painting *The School of Athens* by Raphael. Identify the ancient people (A — C) and write about what they are doing.

A - Pythagoras

B - Plato

C - Aristotle

1 Examine the categories and write the appropriate letter for each expression.

- Position -----Ⓟ
- Action -----Ⓐ
- Interesting things -Ⓢ

- (1) _____ next to
- (2) _____ on the left-hand side
- (3) _____ pointing at the sky [at the ground]
- (4) I we can see ...
- (5) _____ writing something in a book

2 Complete the description about *The School of Athens* using the information above.

The School of Athens

This painting by Raphael shows the most important figures of ancient times. The person who is _____ is Plato, the philosopher. _____ him, there is a person who is _____. He is Aristotle. The man who is sitting _____ and _____ is the famous mathematician Pythagoras. This painting is really interesting because we can see what such important figures looked like.

Write and Share

Gather Your Ideas

Study the painting carefully and describe important details in it.

- (1) In the middle of the painting, a man _____.
- (2) On the left-hand side, _____.
- (3) Between the man and the cat, _____.
- (4) _____.

Write Your Story

Describe the painting shown on the left, focusing on FOUR important things.

Pajeokdo

This painting by Kim Deuksin shows how an incident disturbed
a peaceful farmhouse. _____

This painting is really interesting because _____

_____.

Self- Checklist	Yes	No
	<input type="checkbox"/>	<input type="checkbox"/>
	Did you describe FOUR things the painting shows?	
	<input type="checkbox"/>	<input type="checkbox"/>
	Did the details match the picture?	
	<input type="checkbox"/>	<input type="checkbox"/>
	Did you mention why the painting is interesting?	
	<input type="checkbox"/>	<input type="checkbox"/>

Share Your Work

Write two things your friends have found interesting in the picture.

More writing

미술 전시회에서 그림을 감상하는 방법에 대해 다음 내용을 포함하여 쓰시오. (60~30단어)

- what to do before you visit
- what to look for in a painting
- how to make sense of the artist's intentions

word count

One the Web

Which Mona Lisa do you like?

by Leonardo da Vinci 1506)

by Marcel Duchamp 1919)

by Fernando Botero 1977)

<*Leonardo and Mona Lisa*> by Lillian Schwartz

Check Yourself

A

1 Fill in each blank with a suitable word from the box.

The land art movement _____ natural materials -wood, earth and stones -and rejects the commercial _____ of art. The artists produce works that are in _____ with the environment. They always make sure their works of art are a part of the _____.

2 Fill in each blank with a word that is hidden in the puzzle.

D	R	S	I	T	E	N	T	R
A	A	T	O	Y	C	C	E	E
R	R	F	U	N	O	D	E	S
P	E	R	M	A	N	E	N	T
E	L	E	T	E	F	P	A	T
E	Y	E	A	R	I	I	B	A
P	P	O	U	O	N	C	L	R
A	M	P	U	W	E	T	E	E

(1) Baby teeth are replaced by _____ teeth as children mature.

(2) _____ has any photo captured so much media attention.

(3) The doctor asked me to use color to _____ my feelings.

(4) The doctor will _____ the patient to an isolated room.

B

1 Choose the correct one in each box.

(1) Not only I admire / do I admire his writing, but I respect him for his social work.

(2) Hardly he had / had he come home than his mother started telling him to study harder.

2 Rewrite the sentence below so that each underlined part may be stressed.

Be sure to use the structure "It was ... that".

A farmer had a car accident on the way back home.

→ It _____.

→ It _____.

C Read the passage and answer the questions.

People commonly use the name "land art" to identify a specific form of art. (a) Most importantly, physical landscapes are used to create land art. (b) This means that art is not confined to the museum but is kept outdoors. (c) Thus, people are forced to view land art in a natural context where Mother Nature rules. (d) While some land art lasts only for a few hours or days, other land art is exposed to all the natural forces so that it transforms itself over time. In land art, only rarely does a work of art take on a fixed, permanent form.

1 What cannot be inferred from the passage??

- (a) Natural landscapes are the main ingredients of land art.
- (b) Land art is kept outdoors out of the museum.
- (c) Land art is often blamed for destroying the laws of nature.
- (d) Land art is bound to change its shape due to natural forces.

2 Among (a) — (d), where is the best place for the sentence below?

What is also noteworthy is that land art is designed to evolve, change, and eventually decay.

D Complete the description of the painting.

This painting by Marc Chagall shows _____. In the middle of the painting, _____.

Below them, _____

_____. This painting is really interesting because _____.

Unit 7

Environment

p. 173

Can You Save the Earth by Buying?

Unit Guide

- | | | |
|-----------------|-------------------|---|
| Reading | • Strategy | Drawing Conclusions |
| | • Passage | Green Shoppers to the Rescue |
| Writing | • Task | A Very Special Event |
| Language | • | big about / bring up |
| | • | She appreciates the fact that the clothes are all made of organic materials. |
| | • | It is much more effective to reward responsible stores. |

Warm Up

Key Words

Read the sentences and guess the meanings of the words in bold.

- 1 A wise **consumer** makes choices that help protect the environment.
- 2 **Eco-friendly** products are more widely available than ever before.
- 3 Measures should be taken to reduce **emissions** of air pollutants.
- 4 Education is a good **investment** for the future.
- 5 Joe is criticized for being an **irresponsible** leader.
- 6 The chef only uses **organic** vegetables.
- 7 The salesperson tried to **persuade** me to buy the product.
- 8 Lisa is so **picky** about her food that she never eats fast food.

Reading Strategy

Drawing conclusions

helps you make a personally relevant conclusion based on the information from the passage and your knowledge.

How to use this strategy

- Figure out the main idea and important details.
- Relate the passage content to what you already know.
- Based on the passage content and your knowledge, form a conclusion that is personally meaningful.

Everything you buy affects the environment, but some choices are better than others. By changing even one small area of your buying habits, you can make a difference. Read the tips below and make yourself a green shopper.

Buying Recycled Products

Buying recycled products stops waste from being sent to the landfill. By recycling, you can save resources and energy.

Be a Green Shopper!

Buying Local Products

Buying products made or grown locally, whether they are vegetables, clothes, or other products, can help reduce energy consumption.

Carrying a Shopping Bag

Bringing a cloth bag when you shop can help you avoid using plastic or paper bags. Plastic or paper bags end up in landfills. While paper bags will break down quickly, they still take up space. Plastic bags can take hundreds of years to fully biodegrade.

Are You a Green Shopper?

- ☐ Do you avoid buying products with excessive packaging?
- ☐ Do you try to buy local products?
- ☐ Do you check if a product includes recycled materials when you buy it?
- ☐ Do you carry a reusable cloth bag when you go shopping?
- ☐ Do you check the energy-efficiency label when you buy a product?

Prepare to Read

Look and Think

Look at the pictures and think about the questions. Share your thoughts with your classmates.

1 What message do you think the pictures above express?

2 Which picture is appropriate for each slogan?

- Recycle, Reduce, Reuse! _____
- Reduce Your Carbon Footprint _____
- We Miss Our Ice Caps _____
- Eat organic! _____

Did You Know?

Read the statements below and check the ones that you already know.

- ☐ Traditional cotton production requires lots of chemical pesticides.
- ☐ Polyvinyl chloride (PVC) is used in making clothes and shoes.
- ☐ A carbon footprint shows the amount of greenhouse gas emitted during the production of an item.
- ☐ It takes 200 to 500 years for a soda can to break down naturally.
- ☐ Only a small percentage of plastic bottles that are collected actually get recycled.

Read and Do

Green Shoppers to the Rescue

Have you ever thought about the environment when you shop? We can help make the earth greener by shopping wisely, but we can also damage the earth by shopping carelessly. Which kind of shopper are you?

Sojin, A Green Shopper

Meet Sojin! She is a seventeen-year-old high school student who lives in Incheon, Korea. She loves Korean idol stars, tteokbokki, and comic books. She looks like an ordinary high school girl. However, there is something extraordinary about the way she does her shopping: She is a very picky consumer.

Kiwi Clothing Shop

Sojin does not mind the long bus rides to Kiwi Clothing Shop to purchase T-shirts. She has chosen to shop there because the store carries T-shirts made of organic cotton. She appreciates the fact that the clothes at this shop are all made of organic materials. She knows organic materials are produced the hard way — without using chemical fertilizers and pesticides. Although such eco-friendly materials and clothes are a bit more expensive, they are worth the investment for the earth.

Did you know?

At the global level, almost 16 % of all chemical pesticides are used in traditional cotton production.

Q1 What kind of consumer is Sojin?

Q2 Why does Sojin go to Kiwi Clothing Shop to buy her T-shirts?

Over to You Do you buy organic products? If so, what kind do you buy?

Happy Foot Shoe Store

This store carries a lot of shoes that look no different from other brand-name shoes. But there is something special about the shoes at this store. Happy Foot Shoe Store only carries shoes that are PVC-free. That is the reason why this is Sojin's favorite store, and she knows that she is doing the right thing when she buys her shoes here.

Did you know?

Polyvinyl chloride (PVC) releases toxic hydrochloric acid (HCl) when burned. Hydrochloric acid goes into the atmosphere and falls to the earth as acid rain.

Uncle Kim's Supermarket

She often goes to Uncle Kim's Supermarket near her house to buy her snacks. One day she reads an article that says her favorite potato chips cause too much CO₂ emissions. After finding this out, she develops the habit of checking the carbon footprint of snacks before she purchases them.

Reading Strategy

What conclusion can you draw from
Sojin's story?

Carrotmob Organized Green Shoppers!

While many shops ask, "Paper or plastic?" when bagging your groceries, there are stores that insist on using cloth bags. If you come across such a store, you probably want to reward the eco-friendly store and its owner somehow. Perhaps you may think there is not much you can do. But actually there is a lot you can do in collaboration with a large number of other consumers. Shoppers can get organized and carry out a "buycott," the act of purposely shopping somewhere to bring about change.

Q1 What kind of shoes does Happy Foot Shoe Store carry?

Q2 Customers can get organized to _____ a(n) _____ owner.

Over to You Have you ever seen a carbon-footprint label on a product?

Carrotmob is a good example of buycotting. The term is a combination of "carrot" (an incentive) and "mob" (a group of people). It is one effective way to persuade businesses to go greener by promising them a large number of new customers. Traditionally, people who wanted to influence stores would boycott, or threaten not to shop there. In contrast, in a carrotmob campaign, consumers promise to support a particular business by spending their money. In return, the business promises to make a responsible change. The concept behind carrotmob is simple: Rather than to punish environmentally irresponsible stores, it is much more effective to reward responsible stores.

The first carrotmob event took place in March 2008. It was organized by Brent Schulkin. He told 23 store owners in San Francisco that he would bring many new shoppers to the one that promised to spend the highest portion of the profit in a greener way. On March 29, Schulkin's carrotmob showed up and spent more than \$9,200 at the selected convenience store in just a couple of hours. It was about four times the amount of sales on an average day. The store then put 22 % of the money into energy-efficient lights, as promised.

Since then, thanks to a videoclip showing how a carrotmob campaign can work, the idea has spread around the world. Now more and more people want to be part of a carrotmob, hoping to make the earth greener.

Reading Strategy

What can you conclude from the carrotmob movement?

Q1 In the term "carrotmob," "carrot" means a(n) _____, and "mob" is a _____ of people.

Q2 What kind of greener change did the owner of the selected store make with the money?

Over to You What type of store would you like to reward?

Review the Passage

Organizer

Complete the organizer by filling in each blank with a word from the box.

Sojin	Green Shoppers	Carrotmob
<p>Kiwi Clothing Shop</p> <p>She shops there because T-shirts are made of _____ materials.</p>		<p>_____ promise to reward a green store by purchasing there.</p>
<p>Happy Foot Shoe Store</p> <p>She shops there because shoes are PVC-free.</p>		
<p>Uncle Kim's Supermarket</p> <p>She checks the _____ of the snacks.</p>		<p>The _____ promises to invest money to make _____ changes.</p>

business	greener	organic
consumers	carbon	footprint

Comprehension

A Get the Facts Right

Read the statements below and check T or F.

- 1 ☐ T ☐ F Sojin walks to Kiwi Clothing Shop to buy her T-shirts.
- 2 ☐ T ☐ F PVC releases harmful substances into the environment when burned.
- 3 ☐ T ☐ F Sojin's favorite potato chips cause too much CO2 emissions.
- 4 ☐ T ☐ F Brent Schulkin is the first carrotmob event organizer.
- 5 ☐ T ☐ F The store first selected by Schulkin's carrotmob sold double its average daily amount on the day of the event.

B Complete the Summary

Fill in each blank with a word from the box. Change the form if necessary.

A boycott is an act of _____ from a business in support of its policies. Carrotmob is an organized movement of _____. It is built on the "carrot instead of the _____" concept. In a carrotmob campaign, consumers promise to buy a lot of products from businesses if they promise to make _____ changes. A carrotmob is a way that is _____ to businesses, consumers, and the planet.

mob	eco-friendly	purchase	stick
benefit	boycott	avoid	organic

Critical Thinking

Make a group of four. Think about the questions and share your thoughts.

- 1 What conclusions have you drawn from the passage?
- 2 Are you for or against carrotmob campaigns? Why?

Language Work

Vocabulary Building

Some verbs may take on different meanings when combined with different words.

e. g. bring about / bring up carry out / carry away
come across / come up with pick up / pick on
show up / show off turn on / turn down

Choose the correct one in each box.

- 1 How can we bring up / about a change in attitudes?
- 2 Tom wanted to show up / off his new laptop computer to his friends.
- 3 The old lady is the most pleasant woman I have ever come across / up with.
- 4 Scientists are required to carry out / away chemical experiments carefully.

Useful Expressions

- Kiwi Clothing Shop carries T-shirts **made of** organic cotton.
- There is a lot you can do in collaboration with **a large number of** other consumers.
- Shoppers can get organized and **carry out** a "boycott."

Choose the one that best completes each sentence.

- 1 The first bridge in town • ① to carry out the plan.
- 2 A large number of people • ② was made of wood.
- 3 It will be very costly • ③ gathered to see the movie star.

Sentence Patterns

- She appreciates the fact **that** the clothes at this shop are all made of organic materials.
There is an old belief **that** a little bit of fear is good for a person.
- It is **much** more effective to reward responsible stores.
Taking a quick shower is **a lot** greener than having a long bath.

A Correct the underlined parts in the dialog.

Is there a possibility
which I could win
the piano contest?

Come on. You practiced
really hard.

I know, but I feel
so nervous.

Be confident. You're
very better than
anyone in the contest.

B Choose the correct one in each box.

The carrotmob participants share the idea (A) which / that businesses can be socially or environmentally responsible as consumers make collective purchases. Last Sunday, more than 150 people living in Vancouver visited Salt Spring Coffee, helping to increase its sales by 120 %. The money it earned that day was (B) much / very more than it did on a typical Sunday. The cafe decided to direct all of the day's profit toward (C) improve / improving its energy efficiency.

- Plus**
- It is true **that** batteries are harmful for the environment.
 - Pesticides are dangerous chemicals **that** can cause cancer.
 - I could not believe **that** David Beckham gave me a hug.

Prepare to Write A Very Special Event

A special event is often announced through posters. When letting others know about the event, it is important to be clear about its purpose and what will take place. Write a poster that announces a special event.

Sample Writing

Read the poster below and answer the questions.

Buy Nothing Day	
Date	Friday, December 4
What to do	To buy nothing for an entire day
<p>These days, we produce too much waste through careless spending. As a result, we cause more pollution that harms the environment. Through this event, we hope that we can reduce unnecessary spending and help protect the environment. We hope everyone will participate!</p>	

1 What is the problem?

2 What are the goals of the event?

3 What do people do during the event?

Practice Writing

1 Examine the categories and write the appropriate letter for each statement.

- | | |
|----------------------------|---|
| • Statement of the problem | Ⓟ |
| • Goal of the event | ⓖ |
| • What to do | ⓓ |

- | | |
|-----------|--|
| (1) _____ | We can save energy and protect the environment. |
| (2) _____ | We can begin to act more responsibly to protect the environment. |
| (3) _____ | We waste too much energy in our daily lives. |
| (4) _____ | We do not use electricity for an hour. |
| (5) _____ | We are simply running out of energy sources. |

2 Complete the poster using the information above.

Earth Hour	
Date	Sunday, November 29
What to do	_____
These days, _____.	
As a result, _____. Through this event,	
we hope that _____.	
Also, we hope that _____.	
We hope everyone will participate!	

Write and Share

Gather Your Ideas

1 Choose an environmental issue and write what the problems are.

water pollution	oil leaks
food waste	plastic waste
use of disposables	

(1) _____

(2) _____

2 Write the goals for the event.

3 What do people do during the event?

4 When and where would you like to hold the event?

Day and Time _____

Place _____

Write Your Story

Complete the poster that announces your special event.

<div style="text-align: center; margin-bottom: 20px;">_____</div> <div> Day and Time _____ Place _____ What to do _____ </div>
--

	Yes	No
Self- Checklist	<input type="checkbox"/>	<input type="checkbox"/> Did you mention the environmental problem?
	<input type="checkbox"/>	<input type="checkbox"/> Did you present the goals of the event?
	<input type="checkbox"/>	<input type="checkbox"/> Did you include what to do during the event?

Share Your Story

Put your poster on the classroom wall and vote for the best event.

More writing

다음의 표는 온라인 쇼핑의 장점과 단점에 대한 생각이다. 이를 참고하여 자신의 입장을 선택하여 서론을 쓰고, 한 가지 이유를 추가하여 세 가지 이유를 모두 논한 후, 결론을 쓰시오. (80~120단어)

Online Shopping

Advantages	Disadvantages
Introduction	Introduction
Body 1 convenience	Body 1 difficulty in checking a
2 easy price comparison	product's quality
3 _____	2 wait time for delivery
	3 _____
Conclusion	Conclusion

word count

One the Web

Plans to protect air and water, wilderness and wildlife, are in fact plans to protect man. - *Stewart Udall*

We do not inherit the earth from our ancestors, we borrow it from our children.
- *Native American*

Check Yourself

- A** 1 Fill in each blank with a suitable word from the box.

Our green calendar is printed on _____ paper and _____
12 green living tips. This calendar shows you are living in an _____
style. By _____ the calendar, you will be helping create a clean
and safe world.

- 2 What does each underlined word mean? Write the word next to its definition.

- Consumers demand vegetables grown without the use of pesticide.
- Consumers have the right to know what is in their food.
- Metal recycling reduces CO₂ emissions as well as saves energy.

- (1) _____: a person who buys goods or services
(2) _____: a chemical used for killing insects
(3) _____: gas or radiation released into the atmosphere

- B** 1 Choose the correct one in each box.

- (1) The Internet makes it very / much easier than in the past to find information.
(2) The belief that / which money can buy happiness is not completely true.

- 2 Identify the mistake and correct it.

The government is taking ① very ② stronger measures to boost the country's economy ③ because economists pointed out the possibility that the economy might get ④ worse.

C Read the passage and answer the questions.

The originator of the carrotmob event was Brent Schulkin. He told store owners in San Francisco that if they promised environmental improvements, they would be rewarded with a mob of new customers. On March 29, 2008, Schulkin's first carrotmob showed up. Surprisingly, the selected store earned about four times its average daily income. The store then invested 22 % of the day's income to _____ as it had promised. Since then, the carrotmob movement has spread across America and around the world. Now more people want to be part of a carrotmob.

1 Which statement is NOT true according to the passage?

- Ⓐ Brent Schulkin organized the first carrotmob event.
- Ⓑ Carrotmob participants bought products at the selected store.
- Ⓒ The store spent most of the day's income on greener lighting.
- Ⓓ The carrotmob movement aims to make the earth greener.

2 What is the best expression for the blank?

- Ⓐ donate to charity
- Ⓑ install greener lighting
- Ⓒ attract more customers
- Ⓓ give a raise to its employees

D Complete the poster that announces your special event.

Date	Saturday, September 1
What to Do	To use no plastic bags for an entire day

	Through this event, we hope _____
	_____.

Stage 1

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01 Another Perspective

We usually look at things from the narrow perspective we are used to. We believe, without really thinking, that we have the right perspective. This very common phenomenon was explained by the former Secretary-General of the United Nations, Kofi Annan, in the book *When We Were Young* compiled by John Burningham. In an English class in Ghana, Africa, he learned an important lesson about how people really see the world. He also learned about how people could see the world in new ways.

A professor put a large sheet of white paper on the wall. The paper had a little black dot in the right-hand corner. When the professor asked, "Boys, what do you see?" they all shouted without thinking, "A black dot!" He stepped back and said, "So, no one saw the white sheet of paper. You only saw the black dot." The professor added, "This is awful. People never see the broader picture."

People indeed see things only one way. If you want to see the broader picture, you have to change how you see the world. Do not be afraid to take another perspective, perhaps a broader one.

Reading Strategy Unit 1 Making Inferences

1 What can be inferred from the passage?

- Ⓐ Kofi Annan wrote a book.
- Ⓑ Kofi Annan went to school in Ghana.
- Ⓒ Kofi Annan took pictures as a hobby.
- Ⓓ Kofi Annan was very strict.

2 Find a word in the passage that best fits the blank.

3 Read the statements below and check T or F.

- (1) ☐ T ☐ F Kofi Annan learned a valuable lesson in an English class in Ghana.
- (2) ☐ T ☐ F The professor had Kofi Annan connect the dots on the blackboard.
- (3) ☐ T ☐ F The professor was dissatisfied with the students' answers.

4 Fill in each blank with two words from the passage to complete the summary.

Kofi Annan, the former Secretary-General of the United Nations, introduces a story about our _____. His professor put a large sheet of _____ on the wall that had a black dot in the right-hand corner. Students focused on the black dot. The professor advised students to see the _____.

02 Everybody Hiccups

There are many factors that can cause a person to have hiccups. Eating or drinking too quickly gives some people hiccups. Sometimes spicy food, very hot food, or very cold food causes hiccups. Any quick intake of breath — sneezing, laughing, or coughing — can lead to hiccups, too. Sometimes, there is not any easily identifiable reason. Medically speaking, hiccups are caused by a sudden, uncontrollable tightening of the diaphragm.

There are many different ways to stop hiccups. Almost everyone knows at least one way to treat hiccups. Common cures for hiccups include gulping a glass of water or taking small sips. As another way for curing hiccups, some people recommend taking short, fast breaths or breathing into a paper bag, but this can cause dizziness. Scaring someone is still another possible way for hiccup relief.

Most cases of hiccups go away in a few minutes, but they can sometimes last for days or weeks. While hiccups are generally not dangerous, long-lasting ones can be related to some serious health conditions and may require medical attention. When all folk remedies fail, doctors can administer drugs that will help your diaphragm begin functioning normally again.

* diaphragm 횡경막

Reading Strategy Unit 2 Increasing Reading Rates

1 Read the passage for the main idea and important details. Read twice and calculate your reading rates. (wpm=word per minute)

1st 192 words / _____ minutes = _____ wpm

2nd 192 words / _____ minutes = _____ wpm

2 Read the statements below and check T or F.

- (1) ☐ T ☐ F Sometimes you can have hiccups for no apparent reason.
- (2) ☐ T ☐ F No hiccups can last for days or weeks.
- (3) ☐ T ☐ F One possible way to stop someone's hiccups is to scare them.

3 Fill in each blank with two words from the passage to complete the summary.

There are many reasons why you hiccup. Eating or drinking too quickly, or eating spicy, very hot, or very cold food, or any _____ of breath can lead to hiccups. A common way to stop hiccups is gulping a glass of water or taking _____. Or you can take short, fast breaths or breathe into a paper bag, but this can _____. In rare, extreme cases, _____ may be required.

03 Chimps at School

As you read the passage, try the "SQ3R" activity on page 19.

How do animals learn? Some wild animals appear to transmit skills and knowledge from generation to generation not through genes, but through education.

Chimpanzees, for example, educate their young for 5 to 15 years. According to chimpanzee researchers, a chimpanzee mother never forces her young to learn something. She takes her baby with her if she thinks he needs to learn something. Then she just lets him observe.

Take the example of cracking hard nuts with a rock. Cracking nuts with a tool is a useful skill in the jungle, but it is hard to do well. The mother never teaches which rock is best for the base and which rock is best for the hammer. Instead, she always takes her offspring with her and just lets the young chimp eat the delicious nuts she has cracked. As this becomes routine, the young chimp imitates the behavior of the mother in order to eat nuts by himself. It takes 2 to 3 years for him to master the technique. The chimp's desire to grow up and be independent seems to be the driving force in learning the nut-cracking skill as well as other important survival skills.

Reading Strategy Unit 3 SQ3R

1 Survey the passage and write two questions you expect the passage to answer. After you read the passage carefully, check if your predictions were right.

Q1 _____
Q2 _____

2 Which statement is true according to the passage?

- Ⓐ Chimpanzees teach their young for more than 20 years.
- Ⓑ A young chimpanzee is forced to learn skills by his mother.
- Ⓒ Chimpanzees use rocks as the base and the hammer when cracking nuts.
- Ⓓ It takes 2 to 3 months for a young chimpanzee to master the nut-cracking skill.

3 In the passage, where is the best place for the sentence below?

Instead, she always takes her offspring with her and just lets the young chimp eat the delicious nuts she has cracked.

4 Fill in each blank with a word from the passage to complete the summary.

Chimpanzees transmit skills and knowledge through _____.
However, they never force their young to learn a skill. Instead,
they just let him _____. Over time, the young chimpanzee
_____ his mother's behavior and eventually masters the skill.

04 SODIS to the Rescue

Imagine that you are desperately thirsty. If the only water you had were dirty and full of dangerous bacteria, what would you do? Sadly, this is a question that over a billion people in the world have to ask themselves daily. In India alone, over 200 million people live without clean water. Of course, there are ways to make water safe for drinking, but they are often expensive.

Now there is an affordable way to get clean water through solar water disinfection (SODIS, for short). The SODIS method is based on scientists' discovery that ultraviolet light from the sun kills bacteria. The good news is that the method is very simple and effective. First, a PET bottle is cleaned with soap. Then, the bottle is filled with dirty water and placed in full sunlight for at least 6 hours. The water should be disinfected. To make sure, place the PET bottle on top of a newspaper headline. If the letters of the headline are readable from the neck at the top, the water is ready. The treated water should be drunk directly from the bottle or poured into a cup immediately before use. In this way, you can prevent the treated water from becoming dirty again.

Reading Strategy Unit 4 Identifying Problems and Solutions

1 Complete the problem and the solution mentioned in the passage.

(1) Problem Many people only have dirty water full of _____
_____.

(2) Solution Use _____ from the sun to kill
bacteria and make dirty water clean.

2 In the passage, where is the best place for the sentence below?

To make sure, place the PET bottle on top of a newspaper headline.

3 Read the statements below and check T or F.

- (1) ☐ T ☐ F More than 200 million people in India drink unclean water.
 (2) ☐ T ☐ F The SODIS method uses the sunlight to kill bacteria.
 (3) ☐ T ☐ F It takes a full day to treat water using the SODIS method.
 (4) ☐ T ☐ F The treated water should be kept in a new container.

4 Fill in each blank with a word from the passage to describe how the SODIS method works.

_____ a PET bottle with
soap.

→

Fill the bottle with dirty
_____.

↓

Use a newspaper and check if
water is _____.

←

Expose the bottle to full
_____ for at least 6 hours.

↓

Drink the clean water.

05 The Real Movie Capital: Bollywood

Most people think that the capital of the movie world is Hollywood. However, the real movie capital is Mumbai, India. Mumbai used to be known as Bombay, so the film industry there is called "Bollywood." Bollywood makes twice as many movies as Hollywood—more than 800 a year.

The movies from Bollywood are very different from Hollywood movies. For one thing, Bollywood movies are much longer than most Hollywood movies. In fact, most Bollywood movies are more than 3 hours long, and contain singing, dancing, action, adventure, mystery, and romance.

Another big difference between Bollywood and Hollywood movies is the way the movies are made. Filming of a Bollywood movie may begin even before the script is finished. The director and writers often make up the story as the film is being made.

Bollywood actors are very popular, and some are in such high demand that they work on several movies at the same time. They may even shoot scenes for several films on the same day, using the same costumes and scenery. Most Bollywood movies follow the same basic story. So, it is often possible to shoot scenes for different movies at the same time.

Reading Strategy Unit 5 Compare and Contrast

1 Choose the one that is NOT mentioned as a difference between Bollywood and Hollywood movies.

- Ⓐ the number of movies made a year
- Ⓑ the typical length of movies
- Ⓒ types of popular characters
- Ⓓ ways to make movies

2 Read the statements below and check T or F.

- (1) ☐ T ☐ F Bollywood is referred to as the capital of the film industry in Mumbai, India.
- (2) ☐ T ☐ F Bollywood makes almost the same number of movies as Hollywood.
- (3) ☐ T ☐ F Bollywood movies begin filming only after the script is completed.

3 Fill in each blank with two words from the passage to complete the summary.

Bollywood is a _____. Bollywood movies differ from _____. First, they are much longer. Second, the story is often made up while the film is being shot. Finally, most of them share the same _____, so popular actors can shoot scenes for _____ at the same time.

06 How About a Bowl of *Patjuk*?

On the winter solstice, when there are the shortest hours of day and the longest hours of night, Koreans eat *patjuk*, a red bean porridge. This bowl of porridge was believed to scare away ghosts.

Winter solstice is called *dongji* in Korean. It is said to be the day when the negative becomes stronger than the positive. This makes the perfect environment for ghosts and evil spirits. Thus, to create a sense of balance, the positive has to be introduced. *Patjuk* was considered a simple solution because the red color of the beans symbolizes the sun, fire, blood, strength, and life — a burst of the positive. *Patjuk* was spilled over front gates and in front of the guardian tree at the village entrance. Bowls of *patjuk* were also put out in various places around the house to serve the spirits. Over the years, *dongji* has become a day to forget old grievances and start anew. It is also a day to chase away bad spirits and embrace all the good fortune to come in the new year.

Reading Strategy Unit 6 Note - Taking

1 Read the passage and complete the notes on *patjuk*.

- When to eat: _____
- Why eat: to _____
- Meanings of red: a burst of _____

2 Which of the following is closest in meaning to the underlined embrace?

- Ⓐ guard Ⓑ accept Ⓒ abandon Ⓓ distribute

3 Which statement is NOT true about Korean tradition?

- Ⓐ *Patjuk* was believed to chase away ghosts on the winter solstice.
 Ⓑ *Dongji* was considered to provide a perfect environment for evil spirits.
 Ⓒ The red color of the beans in *patjuk* stands for negative forces.
 Ⓓ *Patjuk* was spilled over front gates and in front of the guardian tree.

4 Fill in each blank with a word from the passage to complete the summary.

Dongji is said to be the day when the _____ is stronger than the positive. To create a sense of _____, Koreans eat *patjuk*, a _____ bean porridge. Red *patjuk* meant a burst of the _____, and it was spilled or put out for the spirits.

07 Dangerous Comforts

In many ways, lead is a perfect element. It is one of the metals that humans first found and used. Its melting point is relatively low, so it is easy to extract lead from ores. Also, it is soft enough to be shaped by hand.

It is easy to see how people have used lead for centuries. Ancient Romans, for instance, used lead for various purposes. In fact, practically all everyday items were made out of lead. Lead was the most popular material for making water pipes because it does not rust. The Romans used white powder made from lead in their cosmetics. In addition, rich Romans made paint using lead and painted their walls red. Little did they know that these daily comforts posed a serious threat to their health.

Lead is, as a matter of fact, very toxic. Lead is absorbed into the human body through air, water, soil, food, and consumer products. The bad news is that it can cause lead poisoning. Some of the symptoms include abdominal pain, headache, irritability, and in severe cases seizures and death.

1 Fill in each blank with a word from the box to complete the conclusion you can draw based on the passage.

Using a lot of _____ in our daily lives can damage our _____. So, I will try to _____ products containing lead.

avoid lead extract health

2 Which statement is NOT true about lead according to the passage?

- Ⓐ It melts at a relatively low temperature.
- Ⓑ It can be easily turned into different shapes.
- Ⓒ It was used for making water pipes in ancient Rome.
- Ⓓ It was often used to remove paint from walls.

3 Fill in each blank with a word from the passage to complete the organizer.

Ancient Romans used _____ for everyday items.

→

Water _____, cosmetics, and _____ were made out of lead.

↓

People suffered from lead poisoning.

←

People _____ lead through air, water, soil, food, and consumer products.