

ON POINT

READING AND CRITICAL THINKING SKILLS

2

ANSWER KEY

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UNIT 1

Social Animals

Psychology

How other people affect our thoughts and behavior

Before You Read

- ① Answers will vary.
- ② *Sample answer.* I think the first saying means that even if everyone disagrees with you, you will ultimately win if you are right and you stick to your belief in this. I think the second saying means that if you don't make your own decisions, you'll never accomplish anything important.

Reading 1

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. a | 2. c | 3. b | 4. a |
| 5. c | 6. c | 7. b | 8. a |

READING PREVIEW

Sample answer. I think only the opinions of people you respect should matter, as well as those of people who have some power over your life. That usually means your family and friends, and maybe your boss. You should ignore the opinions of people you don't know or like.

Marginal Questions

- Q1:** What point was the author making by asking the woman this question?
→ He was making the point that what the woman's sister's opinion of her should matter to her because the sister is a very important person in her life.
- Q2:** What is "bicker"?
→ It's a process of selecting upperclassmen into eating clubs.
- Q3:** Why was the author's roommate so upset?
→ He was very upset because he had been at the top of his class in high school, but now he was accepted by only one club—and the lowest one in the club hierarchy.
- Q4:** According to the author, whose opinion matters more, your boss's or your neighbors'?
→ The opinion of your boss matters more than that of your neighbor.

Q5: Why do some people judge others unfavorably, according to the author? Underline the information.
→ Your good qualities notwithstanding, some people will disapprove of you because they are in the business of looking down on everyone and judging them unfavorably because of their own emotional needs.

C1: What is the author's main purpose?
(1) To explain why we dislike being judged by others
(2) To argue that some people's opinions should matter more than others'
→ (2) To argue that some people's opinions should matter more than others'

MAPPING IDEAS

1. most of the eating clubs
2. all his friends were in his club
3. immediate family's opinions
4. don't matter much
5. pay attention to

FOCUS ON CONTENT

①

1. main idea	2. too specific	3. inaccurate	4. not in passage
--------------	-----------------	---------------	-------------------

②

1. F	2. T	3. F	4. F
------	------	------	------

③

1. b	2. a
------	------

THINK AND DISCUSS

① *Sample answers:*

- I think you have to pay attention to others' opinions when it affects your reputation. For example, if a co-worker spreads damaging rumors about you, it could hurt your career. In that case, you have to care.
- Once, I forgot to pay before leaving a restaurant. The cashier ran after me and shouted, and some strangers saw this happen. I felt really embarrassed because they probably thought I had done it on purpose.
- Yes, a man in my building complained about noise when I had some friends over one night. I hadn't realized how loud we were, and I felt sort of guilty.

② *Sample answer:* I agree with the author that family matters most, so my parents' opinions are the most important to me. My favorite professor comes in second. She is very intelligent and successful in the field that I want to enter, so her opinion matters a lot to me.

VOCABULARY REVIEW

- | | | | |
|----------------|--------------------|---------------|----------------|
| 1. anticipated | 2. assessing | 3. dynamic | 4. internalize |
| 5. forthcoming | 6. notwithstanding | 7. inspection | 8. likewise |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. f | 2. a | 3. c | 4. d |
| 5. b | 6. h | 7. e | 8. g |

READING PREVIEW

Sample answer: “Go along to get along” means to agree with everyone else in order to be liked and to remain friendly with them. It might be a bad idea because what is popular isn’t necessarily right or good. For example, I know a lot of people who have cheated on tests because other people were doing it and they wanted to fit in.

Marginal Questions

- Q1:** What does “it” refer to? Underline it.
→ The idea of “going along to get along” may well be necessary for surviving school life, but I have a piece of advice for graduates: Do not carry it into the real world.
- Q2:** Underline two ways in which following others leads to bad decisions.
→ Ads commonly include terms like “best-selling” and “number-one” because people like to buy brands that are already popular. And they do so even if an almost identical product is cheaper. Many people also tend to vote for the most popular candidate because they want to be on the winning team—which does not seem like the best way to choose a leader.
- Q3:** What is the implied answer to the question “Who’s sillier”?
→ The implied answer is that the person who achieves nothing out of fear of being laughed at is sillier.
- C1:** What does the author mainly use to support her point in this paragraph?
(1) Personal experience
(2) Examples
(3) Research
→ (2) Examples

Q4: Circle two possible explanations for the UK violence.

→ One is what psychologists call “deindividuation,” which seems to happen when a group considers itself under threat. Each individual’s identity becomes temporarily less important than their group identity, and the group’s values become their own for the moment—even if those values include violence. The other theory says that in unfamiliar situations people are unsure how to behave, so they look to others for cues.

FOCUS ON CONTENT

1. c 2. d 3. a 4. a 5. b

IDEAS IN ACTION

- Sample answer:* No, I don’t think schools should try to teach character. That is the job of parents rather than teachers. Schools have limited resources, so they should concentrate on the basic subjects. Besides, character is best learned by example and experience rather than in a classroom.
- Sample answer:* Nelson Mandela is another example of someone who achieved great things by resisting authority. Even though he was sent to prison, he never gave up on his convictions, and he helped to change his country. I’ve never really resisted authority. But I once had a teacher who was a bully and treated us badly. I always wanted to stand up to him, but I was afraid of being punished.

CRITICAL THINKING

1. P 2. P 3. P 4. C
5. C 6. P 7. P

VOCABULARY REVIEW

1. liberated 2. inconceivable 3. integrity 4. definitive
5. deviate 6. pursue 7. nonetheless 8. insight

Reading Skills Worksheet

①

1. Text-to-world 2. Text-to-text 3. Text-to-self

② *Sample answers:*

1. The passage reminded me of an article I read about how students at Ivy League colleges like Princeton are very competitive and ambitious.
2. The passage reminded me how important my family's approval is to me.
3. The passage made me think about how painful it must be for people to feel disliked by others, even strangers.

Writing Worksheet

Opinion The opinions of my parents and close friends matter to me, but those of acquaintances and strangers do not.

Main idea 1 I care most about what my parents think.

*Explanation/
Example* I respect my parents more than I respect anyone else, and I know they love me. Therefore, they are worth listening to.

Main idea 2 After my parents, I care most about my close friends' opinions.

*Explanation/
Example* I chose my friends because of their goodness and intelligence, and they know me well, so their insights are always welcome.

Main idea 3 I don't care what casual acquaintances or strangers think.

*Explanation/
Example* There is no logical reason to worry about the opinion of someone you will never see again.

Counter-argument Some people think that all opinions are important because every opinion tells something about you.

Refutation However, people can only form valid opinions of you if they know you well, so strangers' opinions mean nothing.

Conclusion The importance of others' opinions should depend on how much you respect and value them as people.

UNIT 2 The Online Generation

The Internet *The role that the Internet plays in our lives*

Before You Read

① Answers will vary.

② *Sample answer.* In the first picture, a boy is playing computer games. If you spend a lot of time alone doing this, it's not good for you socially. Furthermore, you don't get enough exercise. In the other picture, everyone is looking at their cell phones instead of talking to each other. So they miss out on enjoying each other's company and building their relationships.

Reading 1

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. b | 2. c | 3. a | 4. c |
| 5. b | 6. c | 7. c | 8. a |

READING PREVIEW

Sample answer. If my parents forbade me from using technological gadgets in the house, the one that I would miss the most would be my tablet. I do many things on my tablet every day, including chatting with friends, surfing the Internet, and playing games. I would feel strange if I could not use it.

Marginal Questions

- Q1:** What was the mother's main worry about her children's Internet use? Underline it.
→ "My concern," she says, "was that we had ceased to function as a family. . . . we simply weren't connecting with one another in real space and time in any sort of authentic way."
- Q2:** How did each of the three children respond to the ban on Internet use? Circle the information.
→ Anni began studying in the university library and cooking lasagna. Bill rediscovered his saxophone and got into reading novels by the Japanese author Haruki Murakami. Sussy, as the youngest and most technologically literate, struggled more. . . . she moved to her dad's house for the first six weeks. Eventually, however, she accepted the idea of a night not lit up by the glow of the computer and found that her irregular sleep patterns had disappeared.

Q3: What happened to the children's technological habits at the end of the experiment?
→ They did not give up their technological habits.

Q4: What changes did this experiment bring to the family? Circle at least three.
→ . . . her older two teenagers have both taken holidays from Facebook, albeit not permanent ones. Bill sold his gaming console to buy a new saxophone, and Anni still prefers to study in the library, in a social-networking-free zone.

MAPPING IDEAS

1. children
2. six months / half a year
3. objections
4. playing music, and reading novels
5. to go offline

FOCUS ON CONTENT

- ①
- | | | | |
|-------------------|----------------|--------------|-----------------|
| 1. not in passage | 2. too general | 3. main idea | 4. too specific |
|-------------------|----------------|--------------|-----------------|
- ②
- | | | | |
|------|------|------|------|
| 1. T | 2. F | 3. I | 4. T |
|------|------|------|------|
- ③
- | | |
|------|------|
| 1. a | 2. b |
|------|------|

THINK AND DISCUSS

① *Sample answer:*

- No, I have never taken a technology vacation before. I think it would be interesting to try after reading about Susan's experiment. I wonder how many days I could last.
- There are a few activities I would like to do. I would like to learn another foreign language and play more sports.

② *Sample answer:* I would try to give a few different reasons to my children about the benefits of not using technology at home. Mainly, I'd try to convince them of two things in particular. First of all, we'd have more time to talk to each other, which would be good for our relationships with each other. We'd also have more time for more meaningful and healthier activities, like hobbies or sports.

VOCABULARY REVIEW

- | | | | |
|---------------|--------------|-------------|-------------|
| 1. illustrate | 2. authority | 3. parallel | 4. initiate |
| 5. albeit | 6. transform | 7. access | 8. submit |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. e | 2. b | 3. c | 4. f |
| 5. h | 6. d | 7. g | 8. a |

READING PREVIEW

Sample answer. There are a number of reasons that it is important to know how to use the Internet. One is that many jobs these days require people to access the Internet, so a person must have the necessary skills to get hired. Another is the vast amounts of information and services available online, which you will miss out if you don't use the Internet.

Marginal Questions

- C1:** What three arguments against the Internet did the passage refer to? Underline them.
→ For example, they blame the Internet for exposing children to violence and other adult content. People have also had their personal information such as their name, address, bank accounts, and credit card numbers stolen by online thieves. Then, there is the problem of Internet addiction.
- Q1:** What are two Internet applications that teachers are using as tools for learning? Circle them.
→ Facebook and other sites to be a better medium for communicating with their students. Google Drive and other cloud platforms have also proven effective.
- C2:** Find one fact and one opinion in this paragraph. Circle them.
→ Fact: (Sample answer) Statistics show that more than fifty percent of today's jobs require some degree of technology skills.

FOCUS ON CONTENT

- ①
- | | | | | |
|------|------|------|------|------|
| 1. d | 2. c | 3. b | 4. a | 5. d |
|------|------|------|------|------|
- ②
- ✓
 - Teachers use Facebook to communicate with their students.

IDEAS IN ACTION

1. *Sample answer:* I agree. Parents should know their children's passwords to online sites until they become older. Children are too young to know what is best for them and to judge if a situation is dangerous for them. But parents should not completely ban them from going online because children need to know how to use the Internet.
2. *Sample answer:* Other examples of bad influences online include online gambling, Internet slang, and various kinds of scams. Parents should consider blocking such sites or information, or advise their children of the dangers.

CRITICAL THINKING

①

1. b
2. c

②

1. a. They are the same in that dogs and young children cannot take care of themselves.
b. They are different in that children typically require more personal attention and care, and for a longer period, than dogs do.
c. Yes. People shouldn't own a dog unless they are able to take care of it, as they would do with their children.
2. a. They are the same in that having a job and going to school are responsibilities that require people to spend time and effort on completing tasks on time.
b. They are different in that people are paid to do a job but not typically paid to go to school.
c. No. Some people perform well in school, but they may not have the ability or the skills to be good at the job they are hired for, and vice versa.

VOCABULARY REVIEW

- | | | | |
|------|------|------|------|
| 1. d | 2. g | 3. f | 4. e |
| 5. h | 6. b | 7. c | 8. a |

Reading Skills Worksheet

1. Definition: not controlled; free
Context clue type: explanation
2. Definition: worried; afraid; concerned
Context clue type: synonym
3. Definition: something people do for pleasure outside of work; a hobby
Context clue type: examples
4. Definition: driven by a strong desire; addicted
Context clue type: antonym

Writing Worksheet

Opinion 1 Although the Internet has drawbacks, I believe it does improve modern life in several ways.

Main idea 1 The Internet is a great way for young people to learn social skills for communicating with others.

Explanation/Example By interacting with various kinds of people online, users are exposed to opinions and cultures different from their own. In the process, they learn to be more open-minded.

Main idea 2 Social networking sites are great tools that schools can make use of for educating students.

Explanation/Example Facebook and Google Drive, for example, are effective for connecting teachers with their students through instant messaging and document sharing.

Main idea 3 The Internet is a vast resource of information and services.

Explanation/Example It enables people to find information and services easily without leaving their home or workplace.

Counter-argument A common complaint is that young people in particular are spending so much time online such that they neglect their work and lack exercise.

Refutation Still, I do not think this is sufficient reason to deny the contributions of the Internet and restrict its use. Instead, parents should set rules and closely monitor their children's Internet usage to avoid addiction.

Conclusion In this way, young people can be protected from the dangers of the Internet while still benefiting from its many positive aspects.

Opinion 2 While it has many advantages, I feel that the Internet has made life worse for several reasons.

Main idea 1 The Internet has had a negative impact on people's offline relationships with their family and friends.

Explanation/Example It is common to see families or friends in public places focusing on their cell phones or tablets instead of talking to each other. So they may be together, but they are not really connected.

Main idea 2 Many people, especially youngsters, are addicted to the Internet.

Explanation/Example As with other kinds of addictions, people who spend too much time online are risking their health. They can become overweight or depressed from a lack of exercise and sleep.

Main idea 3 Young people are exposed to the abundance of harmful content readily available on the Internet.

Explanation/Example There is a lot of adult content that children can easily access online. Studies show that viewing violent or sexual content can be damaging to children's minds.

Counter-argument Some people argue that the Internet is a valuable resource for learning and an important tool for education.

Refutation This is true to a certain extent, but I think that parents must still significantly limit their children's usage by prohibiting Internet access at home.

Conclusion Although we can't ignore the power of the Internet, we must recognize its negative impact on our lives so that we can limit its use while taking advantage of its strengths.

UNIT 3 Addicted to Fame

Mass Media

The Modern Culture of Celebrity Worship

Before You Read

- ① *Answers will vary.*
 - ② *Sample answer.*
1. Li Na is a tennis player who won the Australian Open in 2014. J. K. Rowling is the author of the best-selling Harry Potter books. Jay-Z is a very successful rapper and record producer. One Direction is a well-known pop group.
 2. I'm most interested in knowing more about J. K. Rowling because I love the Harry Potter books. I'd like to find out how she came up with the idea for the books and how becoming rich and famous has changed her life.

Reading 1

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. a | 2. c | 3. b | 4. b |
| 5. a | 6. c | 7. a | 8. b |

READING PREVIEW

Sample answer. One reason is that it distracts people from things that are more important, like important world issues or even their own families and careers. Also, most celebrities are admired for the wrong reasons, such as beauty or wealth. They are not necessarily good or intelligent people.

Marginal Questions

- Q1:** Why was the author surprised to see Scarlett Johansson? Why was she there? Underline the information.
→ The bar is a dive, home to a variety of locals. . . . It turned out (after consultation with the bartender) that the young Hollywood star was in the bar meeting an ex-boyfriend who was a guitarist in a local band.
- Q2:** How does the author contrast Los Angeles with New York City in this paragraph?
→ In Los Angeles the rich and famous live behind enormous gates, but in New York celebrities live among ordinary people and go about doing ordinary things.

- Q1:** What conclusion does the author intend readers to draw from this paragraph?
 (1) Celebrities have too much influence on politics.
 (2) Celebrities are not well-informed about politics.
 → (1) Celebrities have too much influence on politics.
- Q3:** What mental illness does the author describe? Underline its name and definition.
 → A mental illness has even been identified to describe those who follow celebrities too closely. It is called Celebrity Worship Syndrome.
- Q4:** What does Jon Katz compare celebrity to?
 → He compares celebrity to fast-burning fuel for the “media machine.”

MAPPING IDEAS

1. predominant
2. Tabloids
3. the media
4. voted
5. exhortations

FOCUS ON CONTENT

- ①
1. too general
 2. inaccurate
 3. too specific
 4. main idea
- ②
1. Gawker Stalker is a website about New York celebrities.
 2. ✓
 3. ✓
 4. A former TV executive wrote that celebrity worship is like “a national religion.”
- ③
1. a
 2. d

THINK AND DISCUSS

- ① *Sample answer:*
- Yes, I think it’s pretty common. In the news recently, a man was arrested for following and bothering a famous actress that he was obsessed with.
 - There are several athletes that I really admire, but I don’t worship them. I appreciate their talent, but I don’t think about them all the time or see them as gods. I know they’re just people.
 - I think a lot of popular singers are worshipped. Young people put pictures of them on their walls, and at concerts they scream and even cry. Fans wait in long lines to get their autographs or just to see them in person. This seems like worship to me.
- ② *Sample answer:* I probably wouldn’t approach the person. For one thing, celebrities are always being bothered by fans, and they probably don’t like it. Also, I’d be really nervous and wouldn’t know what to say.

VOCABULARY REVIEW

- | | | | |
|-----------------|---------------|--------------|--------------|
| 1. publications | 2. phenomenon | 3. bulk | 4. commodity |
| 5. predominant | 6. confer | 7. dominates | 8. devoted |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. d | 2. b | 3. e | 4. a |
| 5. h | 6. g | 7. f | 8. c |

READING PREVIEW

Sample answer: I think celebrities probably have mixed feelings about paparazzi. On the one hand, they need paparazzi to increase their fame and help their careers. On the other hand, paparazzi make it hard for them to maintain their privacy.

Marginal Questions

- Q1:** Who is Daniel Ramos?
→ He is a celebrity photographer who was attacked by Kanye West when he tried to take pictures of West.
- Q2:** How do the media help celebrities? Underline the information.
→ . . . the celebrities get free press that increases their chances of staying relevant in the entertainment business.
- C1:** What objection to his argument does the author address in this paragraph? Underline it.
→ In effect, they're doing nothing more than creating buzz. Of course, the paparazzi do this for entirely selfish reasons.
- C2:** Circle two examples of cause and effect in this paragraph.
→ (Sample answer) This buzz does much more than yield a handful of paparazzi big paychecks. It actually generates people's interest in the stars. . . . After all, higher box office sales fuel the stars' careers and make them wealthy in the process.
- C3:** What is the author's argument in this paragraph?
→ The author's argument is that the media attention benefits society. The media give celebrities attention, and celebrities can use this attention to promote charities and causes, thereby benefiting society.

FOCUS ON CONTENT

①

1. c 2. d 3. a 4. b 5. c

②

1. had arguments with paparazzi
2. a lack of privacy
3. arrange to be photographed
4. society as a whole

IDEAS IN ACTION

1. *Sample answer:* I think the best way to refute this claim is to point out that many celebrities have children. Children are innocent and did not choose to become famous. Violating their parents' privacy often means violating their privacy, too, and that is wrong.
2. *Sample answer:* If I were a celebrity, I would work for the rights of disabled people. This is important to me because I have a cousin who uses a wheelchair. I think there is a lot of misunderstanding and discrimination when it comes to the disabled, so I would try to change that.

CRITICAL THINKING

1. Inductive 2. Inductive 3. Deductive

VOCABULARY REVIEW

1. thereby 2. utilize 3. persistent 4. coordinate
5. collapsed 6. exploited 7. cycle 8. exceeded

Reading Skills Worksheet

① *Sample answers*

1. negative
2. New York or Hollywood
3. "Celebrities Taking Over the World" – The author will probably talk about famous people's influence on politics.
4. "A Return to Sanity" – The author might advise people not to pay too much attention to celebrities.

② *Sample answer:* why Scarlett Johansson was in that bar

③ Answers will vary.

Writing Worksheet

Opinion 1 Yes, people should pay less attention to celebrities.

Reason 1 The focus on celebrities distracts society's attention from more important issues.

Explanation/Example It was reported that more people voted in the American Idol contest than in the presidential election.

Reason 2 Famous entertainers have too much power over other areas of life.

Explanation/Example Politicians expend great effort to get celebrity endorsements, but celebrities are not qualified to make political decisions.

Reason 3 Like everyone else, famous people have a right to privacy.

Explanation/Example Because of their immense popularity, celebrities are stalked and photographed by paparazzi without their permission.

Counter-argument Some people may point out that celebrities often help educate the public on important issues.

Refutation However, publicity from celebrities rarely results in any real change.

Conclusion People are wasting valuable time and invading others' privacy when they follow the details of celebrities' lives.

Opinion 2 No, there is no need for people to stop paying attention to celebrities.

Reason 1 Following celebrity news is a fun, harmless pastime.

Explanation/Example People enjoy learning about celebrities as a way of taking a break from their busy, stressful lives.

Reason 2 The media attention that celebrities receive helps both parties.

Explanation/Example The media make money, and the celebrities get publicity that advances their careers.

Reason 3 It's more effective for famous people to raise public awareness about important issues.

Explanation/Example Paul McCartney has brought attention to causes involving animal rights.

Counter-argument Some people argue that the immense public interest violates celebrities' right to privacy.

Refutation But that is a minor sacrifice compared to the great advantages of publicity.

Conclusion Public interest in celebrities hurts no one and benefits everyone.

UNIT 4 Parenting Styles

Child Psychology *Models and ideas for effective parenting*

Before You Read

① Answers will vary.

② *Sample answer.* I think that the best way to discipline a young child is to make the child stay in the corner for a few minutes. I think that a few minutes must feel like a long time for such a young kid. While alone in the corner, the child will probably think about what he or she has done wrong.

Reading 1

VOCABULARY PREVIEW

1. c

2. b

3. a

4. b

5. a

6. b

7. c

8. c

READING PREVIEW

Sample answer. One way to make a child stop a dangerous behavior is to remove the child from the place where that behavior can occur, like a kitchen with a hot stove or a yard with a violent dog. Another way is to spank the child so he or she will learn to associate that behavior with pain. A third way is to make the child serve a time-out and explain to the child why the behavior was dangerous or unwanted.

Marginal Questions

Q1: Underline the definition of behaviorism in the passage.

→ Behaviorism is a theory of learning. It states that children repeat behaviors that they perceive to bring a desired reward. At the same time, they cease behaviors that they perceive to bring punishments.

Q2: Why does time-out work well with younger kids? Underline the answer.

→ To such children, ten minutes may feel like hours. This is a strong punishment for kids who just want to play.

Q3: Underline a reason why some parents spank their kids.

→ Spankings are common and are often used when parental frustration leads the parent to lash out.

- Q4:** Why does the cognitive model work best with kids over the age of 7? Circle the reason.
 → After age 7, children undergo major cognitive changes that allow them to develop greater reasoning skills.
- Q5:** Why does the author talk about “bribes”? Explain in your own words.
 → The author says that, to some parents, giving rewards for good behavior seems like giving bribes to their children.
- C2:** What is the author’s point of view about spanking? Describe it in your own words.
 → The author thinks that spanking is not as effective as behaviorism or cognitive approaches, even when a child is acting irrationally or emotionally.

MAPPING IDEAS

1. rewarded
2. punished
3. consequences
4. spanking
5. reason and clarification
6. 7 years

FOCUS ON CONTENT

- ①
- | | | | |
|----------------|-------------------|---------------|--------------|
| 1. too general | 2. not in passage | 3. inaccurate | 4. main idea |
|----------------|-------------------|---------------|--------------|
- ②
- | | |
|------|------|
| 1. d | 2. b |
|------|------|
- ③
- | | | | | |
|------|------|------|------|------|
| 1. F | 2. F | 3. T | 4. T | 5. T |
|------|------|------|------|------|

THINK AND DISCUSS

- ① *Sample answer:* My parents used the behavioral model on me quite often when I was a little kid. One particular situation stands out in my mind. I once interrupted my grandmother when she was speaking. My mom was there, and she gave me a look! I knew what the look meant without her saying a single word! I never interrupted my grandmother after that. So, yes, it was very successful in changing my behavior.
- ② *Sample answer:* Parents should use the cognitive model to discipline teenagers. By that age, kids are old enough to respond well to reason. I think that most kids know they need to get good grades. If my kid had just failed two classes, I would explain to him or her in a calm and intelligent way why failing classes is bad for his or her future. That would probably be enough to solve the problem.

VOCABULARY REVIEW

- | | | | |
|------|------|------|------|
| 1. a | 2. c | 3. b | 4. b |
| 5. c | 6. a | 7. b | 8. c |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. f | 2. e | 3. h | 4. c |
| 5. d | 6. b | 7. a | 8. g |

READING PREVIEW

Sample answer: There are a couple of advantages to being strict. For one thing, kids learn how to follow important rules from an early age. Also, I think that the kids of strict parents might not get into trouble as often as other kids do. But there are disadvantages, too. Some children don't like rules, so they might rebel against them. Also, some of these kids might become very angry with their parents. This would create unhappiness in the family, making it hard to live together peacefully.

Marginal Questions

- Q1:** What is Caplan's main idea about raising successful kids? Say it in your own words.
→ Caplan thinks that Amy Chua's children's success might be due to their genes rather than her parenting method.
- Q2:** Why does Caplan mention Chua's husband?
→ Caplan points out that Chua considers the liberal way in which her husband was raised as "doomed to fail" and yet her husband is very successful.
- Q3:** According to Chua, why is her husband successful? Circle her reason.
→ Some people are just self-motivated—my husband was.
- C1:** Chua did not give Sophia the choice of playing music or not. Underline the evidence in this paragraph supporting that statement.
→ My daughter Sophia said she would never have developed her love of music if it wasn't for me. . . . My husband was given a choice by his mother when he was about 6—do you want to start playing the violin or play with your friends? He chose friends, of course. He still came out great, but he regrets not reading music. I feel a responsibility . . .
- Q4:** What is Caplan's main goal in raising his kids? Circle it.
→ But the point is to make sure they treat people decently.

②

Behaviorism: 1, 2, 6

Both: 5

Cognitive Model: 3, 4

Writing Worksheet

Opinion 1 I think that the best way to raise children is to be strict.

Counter-argument Some parents would disagree. They prefer to raise their children in a more liberal way, letting them make decisions for themselves.

Refutation But this is not a good idea. Kids need to learn to follow rules about how to behave at home, at school, and in society.

Reason 1 Very young kids do not know what behaviors are wrong or dangerous.

Support 1 According to research, these children need adult interventions that connect rewards and punishments to behavior.

Reason 2 Older kids' behaviors or decision-making processes can often be irrational.

Support 2 Studies have found that these children, although capable of higher-level thinking, are often driven by emotions in making decisions. They need guidance to make them understand the consequences of their behavior.

Conclusion Parents must be strict with their children. But they have to adapt their parenting style as the child grows. Kids who learn how to behave will grow up knowing how to behave properly in different situations.

Opinion 2 I think that the best way to raise children is to use what author Bryan Caplan calls the "serenity method."

Counter-argument Some parents would disagree. They prefer to raise their children in a strict way, making all the decisions for them.

Refutation But this is not a good idea. If parents do everything for them, the kids will never learn to do things for themselves.

Reason 1 Some kids react very strongly to their parents' strict rules.

Support 1 Author Bryan Caplan mentions in the article "Is strict parenting better for children?" that his parents did not force him to learn to play a musical instrument—if they had, he probably would hate music today.

Reason 2 Parents really don't have that much influence on their kids in the long run.

Support 2 Studies show that genetics plays a big role and that parents' guidance plays a fairly minor role.

Conclusion The best way to raise children is by using a liberal approach. Too much control over children can make them resentful and rebellious. On the other hand, kids that are happy and independent are more likely to grow up to be happier and more successful adults.

UNIT 5

Honesty: Not the Best Policy?

Philosophy

What people lie about and why

Before You Read

- ① Answers will vary.
- ② Answers will vary.

Reading 1

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. b | 2. a | 3. a | 4. b |
| 5. c | 6. b | 7. c | 8. c |

READING PREVIEW

Sample answer. I think one emotion that makes people lie is fear, especially of being punished for something like bad grades. Another is compassion for another person. If your friend is upset because of an awful haircut, you might lie and say it doesn't look that bad to make him or her feel better.

Marginal Questions

- Q1:** Based on this paragraph, what are the main reasons that people lie?
→ People lie mainly to get what they want or to get out of what they don't want.
- C1:** Can the work of Gaspar and Schweitzer be considered a reliable source? Why or why not?
→ Yes, it's probably a very reliable source. The study was done in 2013, so it is very recent. Also, the authors of the study are from reputable universities. What they say on this topic is probably trustworthy.
- C2:** What does the author mainly use to support her point in this paragraph?
(1) Research results
(2) Personal experience
(3) Imaginary examples
→ (3) Imaginary examples

Q2: According to this paragraph, what might prevent people from lying? Underline the information.
→ However, if you're caught, you might feel significantly worse. And the next time you're tempted to tell a lie, you'll remember the remorse and guilt you felt, and you'll restrain yourself.

MAPPING IDEAS

1. speeding ticket
2. Affective (Emotional)
3. mood
4. telling the lie / lying / the lie
5. remorse / guilt

FOCUS ON CONTENT

①

1. inaccurate
2. not in passage
3. main idea
4. too specific

②

1. Few → Most
2. ✓
3. emotions → cognitive and motivational causes
4. catch someone lying → successfully lie / aren't caught for lying / get away with lying

③

1. c
2. d

THINK AND DISCUSS

① *Sample answer:*

- Yes. Years ago, I broke a lamp in my apartment while playing with a basketball, but I told my mom that my little brother had done it. He was too young to be punished, so it seemed harmless. She believed me, and I remember feeling pretty clever. I also felt relieved not to be in trouble.
- Yes. A lot of ordinary people lie to the government, especially about taxes, and they feel fine about it. I don't really blame them. I believe many people see the tax laws as unfair and harsh, so they think the government deserves to be lied to.

② *Sample answer:* I would probably lie and say I know nothing about it. I'd feel angry at my friends and guilty about lying. However, I know I'd feel even guiltier if I got them into trouble. And I'd be afraid of them finding out that it was because of me.

VOCABULARY REVIEW

- | | | | |
|-------------------|---------------|----------------|---------------|
| 1. restrain | 2. imposition | 3. eroded | 4. committing |
| 5. Coincidentally | 6. adjust | 7. accompanied | 8. affective |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. f | 2. c | 3. e | 4. a |
| 5. g | 6. b | 7. h | 8. d |

READING PREVIEW

Sample answer. One obvious situation is when you get a present that you don't like. You usually lie and say you like it so as not to be rude and hurt the other person's feelings. Another case is when you don't want to accept an invitation. It's kinder to make up an excuse such as having other plans than to say you're not interested.

Marginal Questions

- Q1:** How did the author's mother react to his stealing? Underline the information.
→ When my mom finally found out, she didn't punish me, instead saying that my guilt had been punishment enough.
- C1:** Circle three statistics given as percentages in this paragraph. What do the numbers represent?
→ Another study, cited in *The Day America Told the Truth*, revealed that it's not just moms to whom people lie, as 75 percent of people lie to their friends, 73 percent to their siblings, and 69 percent to their spouses. / These percentages show the number of people who lie to different kinds of important people in their lives.
- C2:** Which conclusion can be drawn from this paragraph?
(1) Children learn how to lie by observing their parents.
(2) Parents shouldn't worry too much if their children lie.
→ (2) Parents shouldn't worry too much if their children lie.
- Q2:** What is the "glaring contrast" mentioned by the author? Underline the information in the paragraph.
→ First, parents tell children to always be honest. . . . Contrary to her usual teaching, Mom actually instructs her son to tell a lie.
- Q3:** What would the author do in the situation described in this paragraph?
(1) Lie
(2) Tell the truth
→ (1) Lie

FOCUS ON CONTENT

①

1. d 2. c 3. b 4. a 5. b

②

1. T 2. F 3. F 4. F

IDEAS IN ACTION

1. *Sample answer:* Based on my own experience, I'd say that lying to avoid conflict or embarrassment is the most common. I do this almost every day! For example, when someone won't stop talking on the phone, I might say I have to go eat dinner. I don't want to hurt their feelings.
2. *Sample answer:* A lot of gossip is malicious. People exaggerate or even make up things about people they don't like in order to embarrass them or hurt their reputation. And when people cheat on their partners and lie about it, that is certainly harmful to the other person and to the relationship.

CRITICAL THINKING

①

1. No information given 2. Yes

②

1. Yes 2. No information given

VOCABULARY REVIEW

1. confirmed 2. incompatible 3. Contrary 4. empirical
5. revealed 6. deduce 7. justification 8. institute

Reading Skills Worksheet

① *Sample answers:*

- (1) I'd say this claim is true about me and most people I know. Even though we know everyone lies sometimes, we usually don't expect to be lied to.
- (2) Yes, they're good examples of the author's point. They're common situations in which people lie for understandable reasons.
- (3) The author probably means consequences like conflict in the relationship and the loss of trust.

② *Sample answers*

Q: Why does the author end the first paragraph with a question?

A: I think the author wants readers to think about the topic of the next paragraph, which tells why people lie even though they know it's wrong.

Writing Worksheet

Opinion 1 Yes, I think it is sometimes morally acceptable to lie.

Reason 1 Being completely honest often means hurting others' feelings.

Explanation/Example It is simply cruel to tell someone that they look terrible or that their jokes aren't funny. And it does not accomplish anything.

Reason 2 Many lies are harmless and are told to make life easier.

Explanation/Example When you make an excuse not to attend a party, you get what you want and no one gets hurt.

Reason 3 It is not wise to tell the truth if it puts someone else in danger.

Explanation/Example The reading passage cites the example of an abusive husband looking for his wife after she left him. In such a situation, lying is morally necessary.

Counter-argument It is true that when someone is caught in a lie, it can damage the liar's relationship with the person who was lied to.

Refutation But many lies are minor and harmless, not serious betrayals of trust, and these I consider acceptable.

Conclusion While telling the truth is usually best, people need not feel guilty if they lie with no intention to hurt others or in order to protect another person.

Opinion 2 No, I do not think it is ever acceptable to lie.

Reason 1 If you allow yourself to lie once or twice, it can easily become a habit.

Explanation/Example Successful liars experience a "cheater's high," which could become addictive.

Reason 2 By lying, people cause harm to themselves.

Explanation/Example Every time people lie, it erodes their self-image as an honest, upright person.

Reason 3 Telling lies hurts others and damages people's relationships with each other.

Explanation/Example If you catch your friend in a lie, your feelings are hurt and you will never fully trust that person again.

Counter-argument There are situations in which telling the truth might put someone else in danger.

Refutation However, by simply refusing to say anything, people can avoid lying without risking harm to another person.

Conclusion Being truthful is beneficial to your self-image and your relationships with others. So you should adopt the policy never to lie.

UNIT 6

To Mars!

Science

The pros and cons of colonizing the Red Planet

Before You Read

① Answers will vary.

② *Sample answer:* Actually, I think all of these are possible reasons. And in many ways they're all related to one another. But if I have to pick the most important one, I'd say it's low interest. Most people these days just aren't that interested in space travel. They all have their own lives to live, and a trip to Mars just seems like a fantasy to them.

Reading 1

VOCABULARY PREVIEW

1. c

2. b

3. a

4. b

5. a

6. b

7. c

8. c

READING PREVIEW

Sample answer: I can think of several reasons for building a colony on Mars. First, it would be a great place to do scientific research. Who knows what we could learn there? Second, I think it would help bring the world together. If people from all nations collaborated on a project of this scale, we might see how much we all need each other and what we could accomplish if we work together. Finally, I think that it's important to push humankind's limits. Building a colony on Mars would certainly do that!

Marginal Questions

Q1: How long will the colonists remain on Mars? Circle it.

→ . . . to spend the rest of their lives on the Red Planet.

C1: Underline the source of the criticism mentioned in this paragraph. Do you think this source is reliable?

→ . . . the second man to walk on the moon, Buzz Aldrin, is very skeptical about the timings given by the Mars One project. / I don't think that Buzz Aldrin is a particularly reliable source for this opinion. He was an astronaut, not an engineer or a scientist. Also, he went to the moon many decades ago. Technology has progressed a lot since then, so I'm not sure that he is really qualified to give opinions about this project.

Q2: Why does Maggie Lieu talk about the moon missions? Underline the reason.

→ This mission would have a similar effect on people's imagination.

Q3: Lieu mentions why it's important to do scientific research on a trip to Mars. Circle the reason(s) she gives.

→ If you want the science community on board, you have to give them some results. So just going to Mars for the fun of it, or a TV program, which is what they're trying to make it out to be, would cost a lot for not very much.

Q4: What does Lieu see as the main reason for going to Mars? Underline it.

→ I see this project as the same, testing man's capability.

Q5: Macdonald describes several sources of food for the colonists. Circle at least three.

→ We'll be bringing some basic canned food to keep us going until we start actually growing our own food. In the long term, it'll be hydroponically grown vegetables and insects for protein. Potentially, later on, you could further supplement your diet by bringing in some frozen fish eggs and starting a little pond. I'd like to find a way to grow some tea on Mars.

MAPPING IDEAS

1. radiation
2. funding
3. international cooperation
4. science
5. (living) environment
6. adaptable/trained

FOCUS ON CONTENT

①

1. too general
2. not in passage
3. inaccurate
4. main idea

②

1. d, e
2. b

③

1. T
2. F
3. F
4. I
5. T

THINK AND DISCUSS

① *Sample answer:* I think that the colonization would answer one question once and for all—is there life on Mars? And even if there isn't life there now, there might have been in the past. For this purpose, the colonists could search for fossils. In general, I think that human beings are explorers by nature. So all of humanity would benefit if we venture further than we've been before. On the negative side, the money for the project might be better spent here on Earth. After all, we have plenty of problems here that need to be dealt with.

② *Sample answer:* I would concentrate on describing the benefits of pushing humankind's limits. I think that humans are explorers by nature. By establishing a colony on Mars, people will go farther than they ever have. Indeed, it will be the first step in the exploration of the stars! This idea will no doubt resonate with many people. Who wouldn't want to give a few dollars to such a worthy cause?

VOCABULARY REVIEW

- | | | | |
|------|------|------|------|
| 1. a | 2. c | 3. b | 4. c |
| 5. a | 6. b | 7. c | 8. c |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. f | 2. e | 3. g | 4. c |
| 5. d | 6. b | 7. a | 8. h |

READING PREVIEW

Sample answer: For one thing, the environment on Mars is very different from that on Earth, so it would be hard to live there. Also, very few people would be there, so it would be quite lonely. Certainly, you'd miss your family and friends back on Earth. Plus, there isn't much to do for fun there. So, people would get really bored, I guess.

Marginal Questions

- C1:** Underline the author's main claim in this paragraph.
→ They must know that the journey to Mars and the subsequent colonization of the planet will be anything but a walk in the park.
- Q1:** Underline an effect of the lack of gravity on the muscles. Circle its effect on the bones.
→ The lack of gravity causes major problems like bone loss and muscle atrophy.
- C2:** The author describes the effects of extended isolation. Do you consider the source reliable?
→ The source is a professor of social psychology at the University of Chicago, which is quite a reputable school. And he is commenting about something that is directly related to his field. So, I'd say the source is reliable.
- Q2:** The author claims that the ill effects of isolation are not reversible for the colonists. Why is this so?
→ The effects can only be reversed by social interaction, which will be lacking with the small number of colonists on Mars. Yet the technology does not exist yet to allow them to return to Earth.

VOCABULARY REVIEW

- | | | | |
|------|------|------|------|
| 1. c | 2. c | 3. b | 4. c |
| 5. a | 6. b | 7. a | 8. c |

Reading Skills Worksheet

1. b 2. c

Writing Worksheet

Opinion 1 I would definitely be willing to take a one-way trip to Mars as one of the first colonizers.

Counter-argument Of course, life on Mars would be extremely difficult—I don't deny this. The isolation itself would make life tough for sure.

Refutation But I wouldn't be alone. And I would most likely train for many years with the team before the actual mission. Actually, isolation is a minor issue compared with what the mission can achieve for science.

Reason 1 I want to be a scientist after college. Going to Mars would give me a great opportunity to make some incredible scientific discoveries.

Support For one thing, we could find out once and for all whether life exists on the Red Planet. Or we could hunt for fossil evidence of life that existed there long ago, if not now. The only way to do this effectively is to go to Mars and look around.

Reason 2 I think that human beings are natural explorers, and I want to go where no humans have ever been before.

Support Throughout history, people have moved from place to place. There are very few places on Earth that have not been explored yet. So we should look beyond our planet. I think that sooner or later humans will go to Mars, and I would like to be among the first!

Conclusion While life on Mars will not be easy, I'm ready for the challenge. I would go there not only to make scientific discoveries but also to make history.

Opinion 2 I would definitely not want to take a one-way trip to Mars as one of the first colonizers.

Counter-argument Of course, it would be great to make some incredible scientific discoveries. We might finally be able to answer the age-old question of whether life exists on Mars.

Refutation But the cost of making that discovery would be too great. Since the technology for returning to Earth doesn't exist yet, I would have to live the rest of my life on the Red Planet.

Reason 1 Life on Mars would not only be difficult but also dangerous. Besides, the journey to get there itself would be dangerous enough.

Support Scientists just don't know what the long-term effects of zero gravity are on the human body. And they do not yet have a way to provide protection against the high levels of radiation from the sun. The physical dangers of space travel and colonization are clear.

Reason 2 The psychological impact would be worse. I know that I could not stand the isolation for such a long time.

Support I'm the type of person who naturally likes to be around other people. Otherwise, I tend to get extremely lonely. In addition, I like to meet new people all the time, but on Mars this would of course be impossible.

Conclusion While the mission would be the exploration of a lifetime, I wouldn't want to live on the planet. For reasons of physical safety and psychological well-being, I'll stay right here on Earth—where I belong.

UNIT 7

The Millennial Generation

Careers

How young people are changing the world of work

Before You Read

① Answers will vary.

② *Sample answer.* I think a positive attitude is the most important of the four qualities, because if you don't care about your job, you won't try hard to be good at it even if you have the right skills. Next is social skills because teamwork is a big part of most jobs. IT skills are important, but basic computer skills can be picked up on the job quite easily. Lastly, I think too much respect for authority can be a bad thing because it might prevent change.

Reading 1

VOCABULARY PREVIEW

1. b

2. c

3. c

4. a

5. c

6. b

7. a

8. a

READING PREVIEW

Sample answer. One difference is that women today are more likely to value their careers as much as men do. In my parents' generation, most women didn't work after they got married. I also think young people today are more individualistic. They're more likely to challenge the rules and question what their bosses say.

Marginal Questions

Q1: What does Ailsa McNeil have in common with many other members of Generation Y?
→ They are not interested in jobs with long hours or in large companies, unlike previous generations.

C1: Underline the statistics in this paragraph. Find the sample size noted earlier in the passage, and circle it.
→ The study found that 85 percent of Generation Y wanted to spend 30 percent to 70 percent of their time working from home. More than half wanted a flexible working arrangement. / A study of more than 2,500 people in this group . . .

- Q2:** How are companies adjusting to the new generation of workers?
 → They are offering employees perks that might appeal to them more than just a high salary—things like flexible hours and the chance to work from home.
- Q3:** What are two factors that affect people’s attitudes toward employment according to Simon Walker? Circle them.
 → He argued that they were partly dictated by **age** but also by **circumstances**.

MAPPING IDEAS

1. time off for travel or charity work
2. they are dissatisfied / work is not fulfilling and fun
3. flexible hours, chance to work from home, and other perks
4. hierarchy
5. the head / chief executive of his company about a decision

FOCUS ON CONTENT

- ①
- | | | | |
|--------------|-------------------|-----------------|---------------|
| 1. main idea | 2. not in passage | 3. too specific | 4. inaccurate |
|--------------|-------------------|-----------------|---------------|
- ②
- | | | | | |
|------|------|------|------|------|
| 1. T | 2. F | 3. F | 4. T | 5. F |
|------|------|------|------|------|
- ③
- | | |
|------|------|
| 1. b | 2. c |
|------|------|

THINK AND DISCUSS

- ① *Sample answer:*
- Since they grew up in hard economic times, they might value job security and salary more than young British people do. And as only-children, they might feel more responsibility to take care of their parents financially. So they probably are less likely to quit their jobs due to a lack of fulfillment.
 - I think my country’s Generation Y has a lot in common with Britain’s. My friends and I agree that it’s important to do work that you feel good about and enjoy. We’d like to make good money, but it’s not the most important thing.
 - One disadvantage is that a job that’s fun and fulfilling might not always be available. The job market is competitive, so if you’re too picky, you could end up with no job at all. Also, taking a lot of time off and prioritizing your personal life could mean that your work suffers. Then you might accomplish less, miss opportunities for promotions, or even be fired.
- ② *Sample answer:* For me, the two most important criteria are “doing work that helps others” and “lots of free time and vacation.” Like most members of Generation Y, I want my job to be fulfilling. Also, I don’t want my life to be centered on work. I want to spend time with family and friends, which means I’ll need plenty of free time and vacation.

VOCABULARY REVIEW

- | | | | |
|---------------|---------------|---------------|-----------------|
| 1. prioritize | 2. policy | 3. widespread | 4. convince |
| 5. norm | 6. conception | 7. cyclical | 8. compensation |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. b | 2. d | 3. g | 4. a |
| 5. f | 6. c | 7. h | 8. e |

READING PREVIEW

Sample answer. Employers today probably value young people's computer skills since they're better at this than any other generation. I think they probably also value creativity a lot since there's so much competition to constantly come up with new ideas.

Marginal Questions

- C1:** Circle a fact and underline an opinion in this paragraph.
→ These perceptions and the tight job market should be taken into account when members of Gen Y apply for any job. They should look at making themselves as attractive as possible to employers.
- Q1:** Circle three fields that Millennials are especially suited for.
→ This makes them a natural fit for companies seeking expertise in technology, marketing, and networking.
- Q2:** What is one way job seekers can demonstrate that they have a good work attitude? Underline it.
→ Listing any past experiences for which a good attitude was beneficial to the end goal of any activity is another great way to impress a future boss.
- C2:** What conclusion can you draw from the passage? Underline it.
→ In today's tough job market, Millennial job seekers need to provide a potential employer with great reasons to hire them.

FOCUS ON CONTENT

①

- | | | | | |
|------|------|------|------|------|
| 1. c | 2. d | 3. b | 4. a | 5. d |
|------|------|------|------|------|

②

1. F 2. T 3. T 4. F

IDEAS IN ACTION

1. *Sample answer:* Yes, in a way. I don't think most Millennials have a poor work ethic or expect too much. But I do think these qualities are more common in Generation Y than in previous generations. The world has changed a lot since their parents were young. Millennials' lives in general have been easier, so a lot of them might be kind of spoiled.
2. *Sample answer:* I think they should ask about opportunities for advancement, which shows that they have ambition and determination. And they should emphasize their creativity. Ideas and innovation are more important to our economy than ever.

CRITICAL THINKING

1. A third factor
2. Reversed cause and effect
3. Correlation but not causation

VOCABULARY REVIEW

①

1. d 2. f 3. e 4. h
5. g 6. b 7. a 8. c

②

1. inadequate 2. enhance 3. financial 4. strategize

Reading Skills Worksheet

①

1. a
2. *Sample answer:* The author lists facts from research, defines a term for the reader, and does not express an opinion.

②

1. c
2. *Sample answer:* The author clearly expresses an opinion ("This is entirely unfair") and then gives reasons to support it.

Writing Worksheet

Opinion 1 Yes, I think members of Generation Y make good employees.

Reason 1 They are the most technologically advanced generation in history.

Explanation/Example This is the first generation to have been born during the Internet Age. Computer skills will only increase in importance in the future economy.

Reason 2 Millennials don't care much about hierarchy, which can lead to innovation and positive change.

Explanation/Example Junior employees often have great, original ideas. It's good that young people today are not afraid to speak out in front of their bosses.

Reason 3 Young people today seek meaning in what they do.

Explanation/Example Research shows that most Millennials are not motivated mainly by money but by fulfillment. If you give them meaningful goals, they will pursue those goals with enthusiasm.

Counter-argument Some employers think Millennials have bad attitudes.

Refutation This is how every generation sees the later one. The older generation will have to accept that this is the new way of thinking.

Conclusion Millennials are certain to have a positive impact on the workplace by bringing to it new ways of thinking about work and life.

Opinion 2 No, I do not think members of Generation Y make good employees.

Reason 1 They tend to be presumptuous.

Explanation/Example Because of new parenting styles, Millennials are used to getting their way. As a result, they feel less of a need to try hard.

Reason 2 Today's young people are more focused on their personal lives than on their careers.

Explanation/Example Research shows that Millennials want a lot of time off to travel and are likely to quit their jobs if they feel dissatisfied.

Reason 3 Generation Y lacks people skills and is easily distracted.

Explanation/Example They have grown up with social media, which causes them to have more difficulty communicating face to face. And they get distracted by social media even while at work.

Counter-argument Young people have an advantage when it comes to knowledge of technology.

Refutation Having technology skills is not enough. Workers today have to be all-rounders, and many Millennials aren't.

Conclusion Employers are better off hiring older, more experienced workers because they get better value and greater loyalty from them.

UNIT 8

Going to School—at Home

Education

The pros and cons of homeschooling

Before You Read

① Answers will vary.

② *Sample answer:* Learning in a classroom is good because kids can make friends and help each other with their schoolwork. But kids learn differently and at different speeds, so some kids will fall behind and others will get bored. In contrast, parents who teach their kids at home can design lessons to suit their kids' interests and personalities. However, since it's not that common, the kids might wish they could go to school like their friends do.

Reading 1

VOCABULARY PREVIEW

1. a

2. c

3. a

4. b

5. b

6. c

7. a

8. a

READING PREVIEW

Sample answer: I think one reason is that kids may get bullied at school. Also, parents may not like the influence that other students at school may have on their children, such as pressure to start smoking.

Marginal Questions

- Q1:** In what countries is homeschooling becoming more common?
→ Homeschooling is becoming more common in the US and several other countries, especially Australia, Canada, and South Africa.
- Q2:** The author mentions one possible objection to his or her argument in this paragraph. Underline it.
→ Opponents of homeschooling object that it lacks the reliable structure of a “real” school, not to mention teachers with training and expertise.
- Q3:** What does the author mainly use to support his or her point in this paragraph?
(1) Scientific research
(2) Explanations and examples
(3) Personal experience
→ (2) Explanations and examples

- Q4:** What are two reasons that some parents don't want their kids to be socialized in school?
 → Some parents want religion to be a major part of their children's education, yet in many countries promoting religion is prohibited in public schools. Then there are parents who want to avoid negative peer pressure on their children in school, and they want to be the predominant influence on their kids' characters.
- Q5:** What is the author's point of view on homeschooling? Find at least one clue and circle it.
 → The author is biased toward homeschooling. / The change from home education to universal schooling occurred only over the last two hundred years or so. Perhaps it's time to reconsider that change.

MAPPING IDEAS

1. Homeschooled kids/children/students / Homeschoolers
2. Personalized
3. Opponents
4. values
5. influence

FOCUS ON CONTENT

- ①
- | | | | |
|---------------|-------------------|-----------------|--------------|
| 1. inaccurate | 2. not in passage | 3. too specific | 4. main idea |
|---------------|-------------------|-----------------|--------------|
- ②
- | | | | |
|------|------|------|------|
| 1. b | 2. a | 3. c | 4. a |
|------|------|------|------|

THINK AND DISCUSS

- ① *Sample answer:*
- Yes, there was a boy at my elementary school who was bullied because he was very small for his age. People called him names and laughed at him. Nothing was done about it. I wish I had defended him, but I think the teachers should have paid more attention and stopped it.
 - I don't think the "cool" kids really influenced the rest of the students. Everyone was influenced by their own close friends more than by anyone else.
 - The reading mentions volunteer work and religion, so those are two ways that homeschooled kids could make friends. They could also join a sports team.
- ② *Sample answer:* Homeschoolers lack access to expensive science equipment and a school library. One thing these parents could do is to form a group to purchase such equipment together and share it. As for library facilities, there are public libraries, as well as a lot of books and information available online.

VOCABULARY REVIEW

①

- | | | | |
|------|------|------|------|
| 1. d | 2. e | 3. f | 4. a |
| 5. h | 6. b | 7. g | 8. c |

②

- | | | | |
|-----------------|-------------|-------------|-----------------|
| 1. maximize | 2. prohibit | 3. transmit | 4. accommodates |
| 5. practitioner | | | |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. c | 2. d | 3. a | 4. h |
| 5. f | 6. g | 7. e | 8. b |

READING PREVIEW

Sample answer. As far as I know, it is not illegal in my country, but it is not common. I don't know anyone who is homeschooled. It's probably illegal in many countries because governments want to make sure all kids receive a quality education. And it would be hard for them to supervise homeschooling activities.

Marginal Questions

- C1:** What is the unstated assumption in this paragraph about homeschooling parents?
(1) Most don't have college degrees.
(2) Most are not qualified to teach.
→ (2) Most are not qualified to teach.
- Q1:** Circle two ways in which children benefit from studying with others.
→ Classmates compete with and challenge one another. . . . And they can help one another.
- Q2:** Is the German education minister probably for or against homeschooling?
→ The German education minister is probably against homeschooling because his or her view is that public school helps children develop the positive attitudes that are needed in a multicultural society.
- Q3:** What percentage of kids in the US are homeschooled?
→ Between three and four percent of US children are homeschooled.

Q4: Why does the quoted blogger feel a bit like a foreigner?

→ Because she had been homeschooled, she had been cut off from popular culture. So she was missing cultural knowledge and shared background that could help her relate to others better in college.

FOCUS ON CONTENT

①

1. a 2. d 3. d 4. b

②

1. d 2. a 3. b 4. c

IDEAS IN ACTION

1. *Sample answer:* Yes, I think it should be legal because parents have a right to make decisions about their kids' education. Governments can regulate it by requiring homeschooled students to take a test once a year to make sure they are learning.
2. *Sample answer:* I would respond by saying that limited exposure to pop culture might be a good thing. A lot of our pop culture is violent, silly, or crude. Many kids spend too much time watching TV and playing computer games, and not enough time reading or exercising.

CRITICAL THINKING

①

1. Valid
2. Invalid

② *Sample answer:* I think argument 1 is both valid and sound because both its premises are true. Some people might disagree with premise (1), but I think it's true. Standardized tests are too simple to measure complex things. And premise (2) seems logical to me as standardized tests would be the simplest way to measure homeschooling students. Argument 2 is invalid because it's possible for students to excel even without competition. So the conclusion can be false even if both premises are true.

VOCABULARY REVIEW

- | | | | |
|----------------|------------------|---------------|-----------------|
| 1. integrating | 2. outcome | 3. ideologies | 4. unparalleled |
| 5. adequately | 6. fundamentally | 7. minority | 8. ministers |

Reading Skills Worksheet

- ① Included - 1, 2, 4
3 - Not in the passage
5 - Too specific
- ② *Sample answers:* One advantage of unschooling, in which kids freely follow their own interests, is that it lets parents learn with their kids. Another is that it prepares children for adulthood by imitating the independent way that adults learn.

Writing Worksheet

Opinion 1 I think it is better for children to be homeschooled.

Reason 1 Homeschooling brings the family closer.

Explanation/Example If they don't have to follow a school schedule, the family can spend more time together and do more activities together, such as taking learning trips.

Reason 2 Homeschooling gives kids more freedom to learn in their own way.

Explanation/Example No one knows kids better than their parents, which makes parents best qualified to accommodate their children's learning styles and interests in their education.

Reason 3 Homeschooling produces better academic outcomes.

Explanation/Example Kids who learn at home have been found to consistently perform better on standardized tests.

Counter-argument Opponents claim that homeschooled kids do not have social lives.

Refutation School is not the only place for kids to make friends. They can do so through clubs, religious groups, and sports.

Conclusion Learning at home benefits students in a variety of ways, and I think the homeschooling movement will continue to grow.

Opinion 2 I think it is better for children to attend school.

Reason 1 Many homeschooled children grow up feeling lonely.

Explanation/Example They are seen as different because they are in the minority, and they cannot join school clubs and teams.

Reason 2 Schoolteachers have more subject knowledge and training than most parents.

Explanation/Example Teachers have specialties, while parents cannot know enough about all the different school subjects to teach them properly.

Reason 3 It is good for society if everyone attends public school.

Explanation/Example Schools bring together people of all races, religions, and social classes, and this teaches children tolerance.

Counter-argument Homeschooling parents cite problems such as bullying in public schools.

Refutation Considering the benefits of public school, these problems are a reason to reform the school system, not to give up on it.

Conclusion Parents who homeschool are making a mistake that they and their children will regret.

UNIT 9 The Creative Personality

Psychology *How creative people are special*

Before You Read

① *Answers will vary.*

② *Sample answers:*

A. curious, bright. The boy seems like the type of kid who always wants to understand how things work. Maybe he'll be an inventor.

B. creative, dreamy. The woman appears to be good at painting, and her clothes are unusual. It seems like she's daydreaming as she looks at the scenery.

C. organized, strict. The man looks like a serious professional who doesn't like people to act silly or break the rules.

Reading 1

VOCABULARY PREVIEW

1. a

2. b

3. c

4. b

5. a

6. b

7. c

8. a

READING PREVIEW

Sample answer: For one thing, I think most successful creative people are very independent. They don't simply follow what others do, which would explain why they are able to come up with new ideas. Also, they are usually passionate about their work. They love what they do, and they don't give up easily when they encounter difficulties.

Marginal Questions

Q1: What two technical terms does the author define in this paragraph? Circle them and underline the definitions.

→ IQ tests measure what psychologists call convergent thinking, the ability to solve problems for which there is one correct answer. But highly creative people excel at divergent thinking. This is the ability to generate multiple possible answers by allowing the mind to connect ideas in unexpected ways. It is the type of thinking people do when brainstorming.

Q2: What is the "mind's eye"? Underline the definition.

→ Of particular interest was the precuneus, the area of the brain that controls the "mind's eye," or the ability to visualize, combine, and manipulate images.

- Q3:** Underline two things that people with type T personality often do.
→ Type Ts constantly seek out new and stimulating experiences, even when doing so is risky, and they rely on their own judgment rather than obey rules and conventions.
- Q4:** Who is the source of the quotes in this paragraph? Does the source appear reliable?
→ The source is a neuroscientist and author named Nancy Andreasen. She seems quite reliable because she's well-qualified to give opinions on this topic.

MAPPING IDEAS

1. High IQs / general intelligence
2. divergent
3. take risks
4. keep working toward a goal (despite failure)
5. criticism or rejection / feelings of loneliness and isolation

FOCUS ON CONTENT

- ①
1. too specific
 2. inaccurate
 3. too specific
 4. main idea
- ②
1. ✓
 2. precuneus → prefrontal cortex
 3. ✓
 4. admired → criticized or rejected
- ③
1. b
 2. a

THINK AND DISCUSS

- ① *Sample answers:*
- I think these behaviors are mostly inborn. To my knowledge, most highly creative people show their potential at a very early age, before they've had a chance to learn any of these behaviors. I think it's possible to train yourself to be more creative through practice, but the effects are probably limited.
 - Creative geniuses are often very opinionated and have pretty big egos. I guess they have to in order to defend the ideas that seem strange to others.
- ② *Sample answer:* I'm definitely better at convergent thinking. My best subjects are math and history, and these are subjects that deal mostly with logic and facts. I have no artistic ability at all, and I wouldn't say I come up with many original ideas.

VOCABULARY REVIEW

①

- | | | | |
|------|------|------|------|
| 1. c | 2. g | 3. f | 4. a |
| 5. e | 6. d | 7. h | 8. b |

②

- | | | | |
|----------------|-------------|--------------|----------------|
| 1. resourceful | 2. detected | 3. visualize | 4. inhibitions |
|----------------|-------------|--------------|----------------|

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. f | 2. b | 3. h | 4. a |
| 5. g | 6. d | 7. c | 8. e |

READING PREVIEW

Sample answer. I think the author's answer will be yes, that weird people do in fact make better artists. For one thing, as the first reading explained, artists look at things differently from other people and don't care as much about social norms. So their clothes and general appearance are often weird. Also, they seem to be more troubled than other people. A lot of artists have addictions, depression, or other mental health problems.

Marginal Questions

- Q1:** How does judging art differ from choosing a tablet or TV, according to the author? Underline the information.
→ We all know that when we choose a new car, tablet, or flat-screen TV, we're unconsciously influenced by previous impressions and notions, usually from advertisements. And we don't mind that too much because choosing a new tablet isn't a decision that reveals our true selves. . . . Art is a different matter. Here, our independence of thought is center stage. When we're standing in front of that challenging new artwork or that difficult piece of modern music, we feel tested in a very personal way.
- Q2:** Which participants liked the unconventional art more? Underline the information.
→ The results were that the people who were shown the untidy Stefansson liked his wild, unconventional art more . . .
- Q3:** What do Racine, Bach, and Shakespeare have in common according to this paragraph?
→ They led conventional, normal lives, and their art obeyed the conventional rules and genres of art.

Q4: What is the author's main purpose in this passage?

- (1) To entertain
- (2) To inform
- (3) To persuade
- (3) To persuade

FOCUS ON CONTENT

①

1. d 2. b 3. c 4. a 5. a

② *Sample answers:*

- 1. long hair (combed over one side of his head and hadn't shaved)
- 2. 150 years
- 3. sincerity
- 4. in a regular and orderly way

IDEAS IN ACTION

- 1. *Sample answer:* My favorite composer is Beethoven, and I think he did follow the rule "As in art, so in life." His music was new and original, and he was an original personality. His personal life was as stormy and emotional as his music. Someone described him as "untamed." This seems appropriate to me. I think I'd be disappointed if I found out he was actually a boring guy.
- 2. *Sample answer:* I agree. There is a lot of great art, but we each like certain paintings, books, or music because we can relate to them. They usually reflect our personalities. For example, I love to laugh, and all of my favorite authors and movie directors are very funny. My best friend is more serious-minded, and she reads books and watches movies that I find too dark and depressing.

CRITICAL THINKING

- 1. a. MP b. F
- 2. a. MT b. F
- 3. a. MP b. T

VOCABULARY REVIEW

- 1. disposed 2. radical 3. notion 4. conform
- 5. label 6. invariably 7. underlie 8. attach

Reading Skills Worksheet

① Answers will vary.

- ②
1. Answers will vary.
 2. Answers will vary.
 3. *Sample answers:*
 - a. Convergent thinking is when there's a single right answer to a question. I guess that refers to things like math, logic, or the meaning of a word. Divergent thinking involves letting your mind freely connect different ideas and come up with new ones, as you do when you're being creative.
 - b. Pablo Picasso demonstrated divergent thinking when he invented cubism. He included different perspectives of people and things in one painting. No one had ever thought of that before.

Writing Worksheet

Opinion It is important for people in creative fields to be good at divergent thinking, to be risk-takers, and to have a strong work ethic.

Main idea 1 Divergent thinking produces original ideas, so anyone in a creative field should excel at it.

Explanation/Example Whereas IQ tests measure convergent thinking, or a person's ability to get the "right" answer that everyone agrees on, divergent thinking involves producing ideas that no one has had before, such as Picasso's cubism.

Main idea 2 People who do creative work have to be brave enough to take risks.

Explanation/Example Most people tend to be suspicious about new ideas, so there is the risk that people will not accept them. Hence, creative people need to have the courage to face criticism.

Main idea 3 Anyone in a creative field must have a strong work ethic.

Explanation/Example It always takes hard work to turn an original idea into a reality. An idea for a great new video game is useless unless one is willing to put in a lot of time and effort to develop it.

Counter-argument People often have the impression that creative types are eccentric and not quite normal.

Refutation But many highly creative people, like the abstract art painter Kandinsky, lead conventional lives. Their "wildness" and originality exist in their minds.

Conclusion It is clear that most people who achieve great things in creative fields, rather than being eccentric, possess qualities essential for success.

UNIT 10

Friendship Is Golden

Sociology

How many friends is enough?

Before You Read

① Answers will vary.

② *Sample answer.* The pictures show some friends helping another friend move, one friend comforting a friend who is upset, and a man helping a friend who is having trouble with her car. My friends and I have helped each other with all sorts of problems, personal and non-personal. That's what friends are for!

Reading 1

VOCABULARY PREVIEW

1. a

2. b

3. a

4. c

5. a

6. a

7. b

8. b

READING PREVIEW

Sample answer. It is better to have a few close friends because then you can build stronger relationships with them. If you have a lot of friends, it is hard to get to know them well. You don't have the time for each of them individually, nor can you make a deep connection with them when you go out in a large group. Therefore, it is best to have a couple of friends with whom you build a close relationship.

Marginal Questions

Q1: What is the 80/20 principle? Underline the explanation in the passage.

→ The 80/20 principle suggests . . . that roughly 80 percent of the value of friendships comes from 20 percent of a person's friends, that is, from a very small number of people.

C1: The article mentions professions that cause people to have a great number of relationships. What other examples of professions can you think of?

→ I think teachers, nurses, and doctors, who get to work with a lot of people, probably have more opportunities than most people to make friends.

Q2: What advice does the author give here about making close friendships?

→ Having too many relationships too early in life will hinder the building of close relationships later. So choose your relationships very carefully and take your time making them.

MAPPING IDEAS

1. people that are not important
2. family and close friends
3. neighbors
4. live far away
5. two important friends
6. form new deep relationships
7. important to you

FOCUS ON CONTENT

①

1. not in passage
2. main idea
3. inaccurate
4. too specific

②

1. T
2. F
3. F
4. T

③

1. c
2. d

THINK AND DISCUSS

① *Sample answer:*

- Yes, I agree. Good friends make you happy and share your problems. When you are happy, you are more likely to be successful. Friends can also help you in your career by introducing you to jobs or business .
- Some people become close because they have the same interests or similar personalities. Others become best friends because they really enjoy each other's company.

② *Sample answer:* One way that I could make new friends in a new town is by going to the park and playing sports with the other kids. I could also join a local club to find people that have the same hobbies as me.

VOCABULARY REVIEW

①

1. b
2. h
3. c
4. e
5. d
6. g
7. a
8. f

②

1. adulthood
2. equivalent
3. allocate
4. significant
5. alteration

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. b | 2. d | 3. a | 4. e |
| 5. g | 6. f | 7. h | 8. c |

READING PREVIEW

Sample answer: Some of the various characteristics that people have include gender, nationality, and religion. Also, people's personal tastes can be unique, including the foods they like or the hobbies they have.

Marginal Questions

- Q1:** What is the main point of the passage? Underline it.
→ . . . there are still a number of reasons that it is valuable to have many friends from a wide variety of social circles.
- Q2:** How does having a diverse group of friends help students' learning? Underline the information in this paragraph.
→ . . . they have more opportunities to reinforce their learning with their peers. . . . Students with a variety of friendships are also more likely to participate in class.
- Q3:** What kinds of skills can a person learn if he or she has a variety of friends? Circle the answer.
→ For one, diverse friendships cause a person to develop skills for adapting to different situations.
- C1:** What evidence does the author cite in this paragraph? Underline it.
→ There is a direct correlation between the proportion of people that have a wide variety of friends and the spread of cultural awareness.

FOCUS ON CONTENT

- ①
- | | | | | |
|------|------|------|------|------|
| 1. b | 2. b | 3. d | 4. c | 5. a |
|------|------|------|------|------|
- ②
- | | | |
|------|------|------|
| 1. b | 2. a | 3. c |
|------|------|------|

IDEAS IN ACTION

1. *Sample answer:* I prefer having only a few close friends because I am a little shy. I am more comfortable spending time with people that I have known for a long time, and I sometimes get nervous talking in large groups.

2. *Sample answer:* It is easiest for me to make friends with other students at school because we have to work together on assignments and group discussions. It is most difficult for me to make friends with people in public places because I do not always know how to start conversations with people I have never met.

CRITICAL THINKING

① *Sample answers:*

1. you get to know them well
2. you know your friends well
3. the relationships are deep
4. you enjoy deep relationships
5. be exposed to more different ideas
6. are exposed to more different ideas
7. become wiser and more tolerant
8. be wiser and more tolerant

② *Sample answer:*

- If young people make friends from different backgrounds, they have more opportunities to reinforce their learning with their peers.
- With more chances to boost their learning, they typically exhibit higher levels of academic success.
- For this reason, students with larger groups of friends tend to get higher grades on assignments and tests.

VOCABULARY REVIEW

- | | | | |
|------------------|--------------|----------------|-------------|
| 1. circumstances | 2. bonds | 3. concept | 4. exhibit |
| 5. valid | 6. dimension | 7. consequence | 8. indicate |

Reading Skills Worksheet

- ①
a / Modern lifestyles . . . keep people from their loved ones.
b / . . . it is easier for people to move away from their family and friends for work, study, or other reasons.
- ② *Sample answers*
- For adults, family and careers are more important than friendships.
 - After marriage, it's not as easy for people to have friends of the opposite sex because their spouses might not approve.

Writing Worksheet

Opinion 1 In my opinion, it is advantageous to have a lot of friends from various backgrounds.

Main idea 1 Having a large group of friends from a wide social circle can help young people do better in school.

Explanation/ Example According to studies, interacting with various kinds of people can make children feel included and give them a sense of belonging to a community. These positive emotions can help them achieve higher grades and be more active in class.

Main idea 2 Having diverse friendships is good for a person's well-being.

Explanation/ Example Having to consider the different needs of diverse friends develops one's life skills. This makes people more confident, more positive, and more mindful of healthy habits.

Main idea 3 The more that people broaden their social circle, the better society will be.

Explanation/ Example Having a variety of friends makes people more open-minded and reduces prejudice.

Counter-argument Some people believe in having only one or two close friends so that you can develop more intimate relationships.

Refutation While there is some merit to this argument, I believe both kinds of relationships are important. By balancing your time between a few close friends and a larger circle of diverse friends, you get the best of both worlds.

Conclusion Therefore, I firmly support the viewpoint that people should seek to have a large and varied group of friends.

Opinion 2 I think it is wiser to have only one or two close friends.

Main idea 1 Having a small number of valuable friendships makes more sense than having a lot of casual ones.

Explanation/ Example As the saying goes, you can please some of the people all the time, but you cannot please all the people all the time. In other words, a person cannot be a good friend to everyone, so it is best to focus on being a good friend to a select few.

Main idea 2 One theory states that humans are only capable of having a finite number of deep friendships in their lifetime.

Explanation/ Example A study of women who had many intimate relationships at a young age found that, when introduced to people who tried to be their friends, these women had great difficulty building new friendship bonds. It was concluded that the women had used up their capacity for intimate relationships too early in their lives.

Main idea 3 Close friendships are important to personal growth.

Explanation/ Example By getting to know someone intimately, you can truly learn the depths of your own personality. But you will only have time for these profound relationships with a few friends and not enough time to go beyond casual encounters with a large group of friends.

Counter-argument Some people contend that having many different kinds of friends exposes you to diverse points of view and makes you more open-minded.

Refutation While interacting with a variety of people is certainly important, you should prioritize your close relationships. The key is to seek out diverse experiences through everyday interactions with acquaintances, classmates or colleagues, and others, and at the same time cultivate the bonds with your best friends.

Conclusion For these reasons, I believe that it is a wise decision for people to give the majority of their time and energy to a couple of best friends instead of spreading it among a large group of friends.

UNIT 11

Animal Discoveries

Science

Are animals intelligent, and should they have rights?

Before You Read

① Answers will vary.

② *Sample answer.*

A. In this picture, a cowboy is riding a bull. I think it is not OK to use animals for cruel sports. The object of this sport is to hurt the bull and make it angry so that it tries to throw the rider off. I also read that the bulls are not treated well.

B. In this one, some workhorses are plowing a field. I think it is OK to use animals in this way as long as the animals are well-treated.

C. Here, a man is using a guide dog to help him move around. I think this is OK. Guide dogs are very important to their owners. Furthermore, most people treat their dogs like a friend or family member.

Reading 1

VOCABULARY PREVIEW

1. a

2. b

3. a

4. c

5. a

6. b

7. b

8. c

READING PREVIEW

Sample answer. There are many reasons for animal testing. The main one is that scientists hope to learn more about human diseases so they can find cures for them. Other reasons include finding treatments for illnesses and injuries. Most new therapies are tested on animals first in order not to risk human lives.

Marginal Questions

C1: What is the author's opinion on animal testing?

→ The author believes that animal testing should be allowed.

Q1: How many alternatives to animal testing does the author mention? List them.

→ He mentions three alternatives to animal testing: magnetic resonance imaging, computer models, and the use of isolated tissues and cell cultures.

C2: How does the research that was conducted in Seattle support the author's opinion about animal testing?

→ It is an example of a discovery that could not have been made without animal research, so it supports his opinion that animal research is necessary.

Q2: What is the author's response to people who are against animal testing? Underline it.
→ Those who object are entitled to refuse treatments that have been developed through animal tests . . . But they don't have the right to force that opinion on the majority . . .

MAPPING IDEAS

1. time-consuming
2. expensive
3. the best method
4. drugs
5. mice
6. patients
7. animal testing/experimentation/research
8. Seventy percent
9. physiology or medicine
10. the Dark Ages

FOCUS ON CONTENT

①

1. too specific
2. not in passage
3. too specific
4. main idea

②

1. Daniel James was paralyzed in a rugby accident.
2. ✓
3. ✓
4. Scientists have not discovered cures for diseases such as Alzheimer's and schizophrenia.

③

1. rats / monkeys
2. no longer needed
3. it works / it is ethical

THINK AND DISCUSS

① *Sample answer:* I agree that animal testing has led to some of the most important medical discoveries in history. It is probably justified if there are no alternatives. However, if the research involves tremendous suffering for the animals, alternatives should be sought first before we could justify using animals.

② *Sample answer:* The products in the pictures are shampoo, perfume/cologne, and cleaning supplies. I have used products that have been tested on animals, including those in the pictures. Many other products, including new kinds of food, health supplements, and pesticides, are also tested on animals to see if they are safe for human use.

VOCABULARY REVIEW

- | | | | |
|-------------|------------|---------------|--------------|
| 1. volumes | 2. injury | 3. substitute | 4. scenarios |
| 5. majority | 6. distort | 7. inhibit | 8. disposal |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. c | 2. g | 3. b | 4. h |
| 5. a | 6. e | 7. d | 8. f |

READING PREVIEW

Sample answer: I think the author might argue that animals should have rights like people do, because animals too are intelligent and can feel pain. Another argument the author might make is that the results of animal testing might not apply to humans, because animal bodies are different from human bodies.

Marginal Questions

- C1:** What is the author's point of view on animal testing?
→ The author is against animal testing.
- Q1:** The author gives four examples of intelligent animals. What are they?
→ The animals are dolphins, elephants, dogs, and monkeys.
- C2:** What claim is the author making about animal testing labs?
→ The author is claiming that animal testing labs are environments that are very stressful for the animals there.
- C3:** What evidence does the author give for the ineffectiveness of animal testing? Underline it.
→ In the US, for instance, ninety-two percent of medicines that have gone through animal testing fail in human trials.

FOCUS ON CONTENT

①

- | | | | |
|------|------|------|------|
| 1. c | 2. d | 3. a | 4. b |
|------|------|------|------|

②

1. f

2. c

3. b

IDEAS IN ACTION

1. *Sample answer:* I agree with the author's first argument that animals have intelligence and can feel pain, since this is known to be true. I also agree with the second argument because we know that test animals are kept in cages, are often subjected to inhumane tests, and are killed to examine their tissues. However, although I believe there are alternatives to animal testing, I think they are not available in all cases.
2. *Sample answer:* I do think that animals should have rights similar to humans', such as the right to live freely and be protected from harm by humans. But if we have no option but to perform tests on animals in order to find new cures and treatments that will save people's lives, we should ensure that the animals are treated as humanely as possible.

CRITICAL THINKING

①

1. Imagine your dog or another family pet being experimented on. How would that make you feel? / b or c
2. Considering that mice and rats make up ninety percent of all animal test subjects, these realities should be enough to outrage any normal person. / d

②

1. N, because it is just a person informing with no emotional appeal why he or she cannot join the camping trip. I think it is a good argument because it gives an honest reason.
2. Y, because the student is trying to get the professor to feel pity so he or she can turn in an essay late. I do not think it is a good argument because the student should have told the professor about the situation before the deadline to ask for an extension.
3. N, because the speaker is just suggesting the fastest route to take with no appeal to emotion. I think it is a good argument because it sounds like the construction will cause traffic to slow down, so it is better to take an alternate route.
4. Y, because the boss is trying to make the employees feel guilty so that someone will volunteer to work on the weekend. I do not think it is a good argument because making employees feel guilty may get them to work on the weekend but they will not feel good about it.

VOCABULARY REVIEW

1. g

2. e

3. d

4. f

5. b

6. c

7. h

8. a

Reading Skills Worksheet

① Answers will vary.

②

- a. Daniel James
- b. Breast cancer
- c. Seattle
- d. Alzheimer's, multiple sclerosis, and schizophrenia
- e. refuse treatments developed through animal testing
- f. mice and rats
- g. 7

Writing Worksheet

Opinion 1 I consider animal testing to be morally unacceptable for several reasons.

Main idea 1 Scientists have proven that animals are able to feel pain.

Explanation/Example Studies found that animals show various reactions when exposed to pain, such as loss of appetite and facial expressions of pain similar to humans'.

Main idea 2 The lab facilities in which test animals are kept cause them suffering.

Explanation/Example Specifically, the animals live in cramped conditions and are exposed to various stressors, like bright lights and loud noises. This results in physical discomfort and mental trauma.

Main idea 3 New technologies are now available that provide suitable alternatives to animal testing.

Explanation/Example One example is the Organs-on-Chips devices invented at Harvard University.

Counter-argument Supporters of animal testing argue that animal experimentation is still the best option, as alternatives need more time to be developed and improved.

Refutation While this may be true, it is also true that animal testing is not as successful as supporters say it is. For instance, ninety-two percent of drugs that have been tested on animals eventually fail in human testing.

Conclusion As such, the arguments in favor of banning animal testing far outweigh the justifications for persisting with this unethical practice.

Opinion 2 I personally advocate animal testing because, while it is not the most ideal practice, it is still essential.

Main idea 1 There is no question that animal testing has resulted in some of the greatest scientific discoveries in medicine.

Explanation/Example Of the various achievements, two that I am especially impressed by are heart bypasses and the polio vaccine. Both of these breakthroughs have saved many people's lives.

Main idea 2 We must continue with animal testing because there are no other options that can replace it completely.

Explanation/Example Other options that scientists are working on are not as effective as animal testing.

Computer-based models and stem cell research are promising, but they are still in the developmental stage and cannot produce the same high level of results as animal testing.

Main idea 3 We cannot rely completely on human testing because some experimental procedures are far too risky.

*Explanation/
Example* If something new has not been tried before and thus the risks are unknown, regrettably it has to be tested first on animals so as not to risk human lives.

Counter-argument One opposing viewpoint from animal rights activists is that animals are capable of suffering and must therefore be protected from needless pain.

Refutation This is a valid point. Nonetheless, improving the quality of human lives should be our top priority, which means we have to continue to rely on animal testing until other methods can match its effectiveness.

Conclusion For these reasons, I believe that the benefits of animal testing outweigh the unfortunate costs.

UNIT 12

Think Globally, Eat Locally

Sociology

The pros and cons of eating only locally produced food

Before You Read

① Answers will vary.

② *Sample answer.* Personally, I'd rather eat food grown on a small, local farm. I think the food would be fresher than food produced by a large, distant farm, since it doesn't have to travel as far. I think this kind of farm also has less of an impact on the environment. Food from tiny urban farms is probably affected by air pollution, and that couldn't be healthy. Also, I'd like to support our local economy, and buying food from our local farmers can definitely do that.

Reading 1

VOCABULARY PREVIEW

1. c

2. b

3. a

4. a

5. a

6. b

7. c

8. c

READING PREVIEW

Sample answer. Buying only locally produced food could have some drawbacks. For example, it would be very expensive to do so. I'm sure it's a lot cheaper to produce food on big farms far away from the city. In addition, we would not have a good variety of foods since some plants only grow during certain seasons. We can't, for example, enjoy many fresh vegetables in the wintertime. Finally, some countries are just better than others at producing food. Countries like the US and Canada have a lot of land, so they can produce food efficiently and then export it.

Marginal Questions

Q1: What is another drawback of buying only locally produced food that the author mentions?

→ If you buy only local food, then you can't eat certain foods when they are not in season in the area you live in.

C1: What is the source of the author's information? Do you think that this source is reliable?

→ The source is an article in *Freakonomics* entitled "The Inefficiency of Local Food" by Steve Sexton. It's difficult to tell if this is a really reliable source. I've never heard of this publication, so it might not be well-known.

- Q2:** Why could a locavore system disrupt plant and animal habitats? Underline the information.
 → Farming requires vast amounts of space, which has to come from somewhere. In this case, it would come from the existing habitats of wild plants and animals.
- C2:** What is the author's purpose for writing this paragraph?
 (1) To refute a popular belief
 (2) To support the locavore's stance
 (3) To compare various farming techniques
 → (1) To refute a popular belief
- Q3:** What does the author say is environmentally better than growing your own food in urban areas?
 → The author says developing housing is better for urban areas because then more people can live within walking distance of work or take public transport instead of driving long distances from outside the city.

MAPPING IDEAS

- | | | | |
|------------|-----------|-------------|---------------|
| 1. farmers | 2. local | 3. farmland | 4. fertilizer |
| 5. housing | 6. import | | |

FOCUS ON CONTENT

- ①
- | | | | |
|-----------------|-------------------|---------------|--------------|
| 1. too specific | 2. not in passage | 3. inaccurate | 4. main idea |
|-----------------|-------------------|---------------|--------------|
- ②
- | | |
|------|------|
| 1. d | 2. c |
|------|------|
- ③
- | | | | | |
|------|------|------|------|------|
| 1. T | 2. F | 3. T | 4. T | 5. T |
|------|------|------|------|------|

THINK AND DISCUSS

- ① *Sample answer:* I think that the people would be greatly affected if we could not import any food. For one thing, we would be hungrier, and food would probably be a lot more expensive. Much more farmland would be needed, so forests would have to be cleared, and empty land would have to be used for farming. I think the economy would crash. A lot of people who currently work in offices and factories would have to become farmers even though they are better suited for other types of work.
- ② *Sample answer:* In my town, we already have plenty of parks and houses. So I would create an urban garden and ask the citizens to help plant it and maintain it. This would be a great way to bring people in the area together. We could use the food for a good cause. For example, we could feed the homeless or the poor with the vegetables that we grow.

VOCABULARY REVIEW

- | | | | |
|------|------|------|------|
| 1. a | 2. c | 3. a | 4. c |
| 5. c | 6. a | 7. c | 8. b |

Reading 2

VOCABULARY PREVIEW

- | | | | |
|------|------|------|------|
| 1. f | 2. e | 3. h | 4. c |
| 5. d | 6. b | 7. a | 8. g |

READING PREVIEW

Sample answer. I can think of a couple of clear benefits to buying only locally produced food. For one thing, the food would be very fresh and probably more delicious. Also, despite what Reading 1 says, I still think it must be better for the environment. After all, the food only needs to travel a short distance to get to my local store, so I believe less fuel would be used overall.

Marginal Questions

- C1:** What is the author's purpose in writing this paragraph?
→ In this paragraph, the author introduces the main idea of the article: that she and her husband planned to live for a year only on locally grown food.
- Q1:** The authors provide two reasons for the 100-Mile Diet. Underline them.
→ This average meal uses up to seventeen times more petroleum products and increases carbon dioxide emissions by the same amount, compared to an entirely local meal. . . . there is a qualitative difference between locally produced foods and ones that travel the world to reach your home.
- Q2:** Why did the authors violate their original rules?
→ They were losing too much weight because they couldn't find any locally grown grains, so they decided to buy some flour made from wheat from another part of Canada.
- Q3:** Why was there a lack of variety?
→ Farmers could not grow many vegetables in winter, hence few varieties were available.
- C2:** What can you conclude from the passage about the use of honey as a substitute for sugar?
→ Honey is not suitable for making jam, and it is much more expensive than sugar.

FOCUS ON CONTENT

1. c 2. a 3. a, d 4. b 5. d

IDEAS IN ACTION

1. *Sample answer:* There is no way that a locavore movement would work in South Korea, my home country. I saw a report the other night on TV that said we import nearly two-thirds of all the food that we eat. In order to produce enough food to feed the population, we would have to turn our country into a giant farm! No thanks.
2. *Sample answer:* The authors didn't consider the energy consumption of producing food locally. This is an important issue, as one of the reasons the authors started the diet was the environmental impact of transporting food over long distances. The fact of the matter is that it takes a lot more energy to produce locally on small farms than it does on large and efficient farms that might be far away.

CRITICAL THINKING

1. c 2. b, e

VOCABULARY REVIEW

1. c 2. c 3. b 4. c
5. a 6. b 7. a 8. c

Reading Skills Worksheet

- ① Sexton followed the steps involved in farming and estimated the costs of a locavore system. **To start**, you'd have to get your hands on more farmland. Farming requires vast amounts of space, which has to come from somewhere. In this case, it would come from the existing habitats of wild plants and animals. **After** the land has been cleared, the crops need fertilizer and chemicals to ensure that the plants remain healthy and undamaged. **Next**, the crops have to be harvested and moved to a distributor. **Finally**, the food would have to be moved to a store.
- ②
7. **Finally**, when the preparation work is done, it's time to plant!
 2. **After** locating it, you must get permission from the city to plant the garden there.
 3. **Once** you receive permission, test the soil.
 5. **Next**, clean away any pollution and add fertilizer if it is needed.
 1. **First of all**, you'll need to find some empty land that is available for use.
 4. You do this in order to determine if the soil is contaminated or lacks nutrients.
 6. **Now** that the soil is prepared, it's time to design the garden.

Writing Worksheet

Opinion 1 For a number of reasons, it's better to buy locally produced food than imported food.

Counter-argument Of course, food that comes from nearby small farms is often quite expensive compared to imported food.

Refutation But the benefits outweigh this minor drawback.

Reason 1 The first benefit is taste. Few people could argue that imported food tastes as good as locally produced food.

Support For example, you can buy strawberries year-round at the supermarket. These berries lack taste and are often not even red! But the strawberries sold at local farmers' markets in the summer are bright red, juicy, and delicious!

Reason 2 The environmental benefits are even more important than the taste.

Support In their article "Living on the 100-Mile Diet," the authors reveal that the average American meal uses up to seventeen times more petroleum in transit than a locally produced meal does.

Conclusion In the end, it's worth the extra cost to eat locally produced food. It's both tastier and less damaging to the environment than imported food.

Opinion 2 Without a doubt, it makes more sense to buy imported food than locally grown food.

Counter-argument Supporters of local produce claim that we can reduce transportation fuel consumption if we buy produce grown nearby.

Refutation In actual fact, small local farms are less energy-efficient than the large (and more efficient) farms that might be far away. But this is not the only reason for buying imports.

Reason 1 International trade benefits the global economy.

Support My country produces some of the best cars and electronics in the world, but not much food. On the other hand, some countries have lots of rich farmland. If we buy each other's products, the economies of both countries benefit.

Reason 2 More than anything else, it is nearly impossible for any country to produce all of its food locally.

Support My country imports two-thirds of all of our food. We have a large population but very limited space. We just don't have enough farmland to meet all of our food needs.

Conclusion It therefore makes more sense to import the food that we need than to grow it. It frees up a lot of land for other uses, and it helps the world economy through trade.

