

The Q Classroom

Activity A., p. 170

Answers will vary. Sample answers:

1. The last time I was sick was in February. I had a very bad cold and a fever. I caught the cold from my cousin.
2. I am careful to eat well and get enough sleep. I also take vitamins.
3. The people are scientists. They are trying to find a cure for a disease.

Activity B., p. 171

1. Answers about how often students do these things will vary.

- a. eat right
- b. exercise
- c. wash hands
- d. wear a mask when sick
- e. get vaccinations
- f. stay home

2. Answers will vary.

PREVIEW THE UNIT

Activity D., p. 172

1. influenza (flu)
2. tuberculosis (TB)
3. skin cancer
4. malaria
5. diabetes
6. asthma

Activity E., p. 172

1. skin cancer
2. malaria
3. tuberculosis (TB)
4. asthma
5. diabetes
6. influenza (flu)

Activity F., p. 172

Answers will vary.

READING 1

PREVIEW THE READING

Activity A., pp. 173–174

- a. related to
- b. symptom
- c. virus
- d. cover
- e. infect
- f. severe
- g. extremely
- h. develop
- i. approximately
- j. epidemic

Activity C., p. 174

Answers will vary.

Activity D., p. 174

Answers will vary.

WORK WITH THE READING

Activity B., p. 176

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

Activity C., p. 176

The flu: lasts about two weeks; more severe; high fever; body aches; can develop into a serious illness

A cold: lasts about seven days; milder symptoms; slight fever; runny, stuffy nose

Both: symptoms include coughing; respiratory illnesses; viruses; spread from person to person

Activity D., p. 177

1. 5–20 percent
2. They may not be able to fight the virus and may become very sick.
3. 3 to 6 hours
4. 250,000–500,000
5. 70–90 percent

6. Wash your hands often; cover your nose and mouth when you cough or sneeze; avoid touching your eyes, nose, or mouth; avoid sick people; get the flu vaccine.

Activity E., p. 177

Answers will vary. Sample answer:

1. Where can I get vaccinated?
2. Your doctor or pharmacist may be able to give you the flu vaccine.

WRITE WHAT YOU THINK

Activity A., B., p. 178

Answers will vary. Possible answers:

1. If I feel like I am going to get a cold or the flu, I take extra vitamin C. I also drink herbal tea if I feel like I am getting a cold. I make sure that I get enough sleep too.
2. I would say 4 on a scale of 1 to 10. I worry a little about getting sick because I don't want to miss work and school.
3. I would like to learn more about diabetes. There are several people in my family with diabetes. I want to know how to avoid getting it.

READING SKILL

Activity A., p. 179

Answers will vary. Sample answers:

1. Answers will vary.
2. a. main idea; b. synthesis; c. detail
3. a. It spreads when someone with the virus coughs or sneezes and someone else comes into contact with the germs from the cough or sneeze. b. Yes, I will change some of my habits. I will be more careful about washing my hands and covering my mouth when I cough or

sneeze. c. Approximately three to five million people have a severe case of the flu each year.

Activity B., pp. 179–180

Answers will vary. Sample answers:

1. Yes, because humans do not have immunity and there may be no vaccine. There is a higher risk of death.
2. It could spread when someone is near or touches a sick animal. This could happen to someone who lives or works on a farm. It spreads quickly from person to person through sneezing and coughing, like other types of flu.

READING 2

PREVIEW THE READING

Activity A., pp. 180–181

1. vaccination
2. mass
3. quarantine
4. risk
5. track
6. cooperation
7. decades
8. outbreak
9. strategy
10. take steps

Activity C., p. 181

Share knowledge, use technology, wash their hands, cooperate with others

Activity D., p. 181

Answers will vary.

WORK WITH THE READING

Activity B., p. 183

1. Diseases spread rapidly in large crowds.

2. Some mass gatherings are the Hajj, the World Cup, and the Olympic Games.
3. The Hajj is the largest mass gathering in the world.
4. All pilgrims receive health screenings.
5. It is important to quarantine people who are infected so that disease doesn't spread.
6. They use technology to track the outbreak of diseases.

Activity C., pp. 183–184

1. F Mass gatherings can present health problems because they increase the spread of diseases.
2. F The Saudi Arabian Ministry of Health has many years of experience managing the Hajj.
3. T
4. F The pilgrims are from all over the world.
5. T
6. F In 2009, there was an outbreak of the H1N1 flu.
7. F New technology is very helpful in tracking and reporting the outbreak of diseases.
8. T

Activity D., p. 184

1. rapidly
2. uncontrollably
3. sharing
4. health
5. screening
6. clinic
7. risk
8. technology
9. Organization
10. field

Activity E., p. 184
c and d

WRITE WHAT YOU THINK

Activity A., p. 184

Answers will vary. Possible answers:

1. It doesn't surprise me. People make plans for a big event or travel, and can't change their plans if they're sick. I think it should be permitted because some things are very important.

Activity C., p. 185

Answers will vary. Possible answers:

1. I think that a big problem will be that people might become very worried, and they might panic. People will run to the stores and buy all of the medicine. They will crowd into clinics and hospitals, even if they are not sick. Doctors may also become sick, and there will not be enough doctors to help everyone.
2. There are many things that a school can do to prevent sickness. Students who seem sick should go to the nurse's office. Teachers need to teach their students good habits like washing their hands.

VOCABULARY SKILL

Activity A., p. 186

1. in common
2. comment on
3. participate in
4. increase in
5. contribute to
6. in response to
7. succeed in
8. in favor of

Activity B., p. 186

Sentences will vary. Sample answers:

1. My friend and I have many interests in common.
2. Would you please comment on this article?
3. Eating candy can contribute to tooth decay.
4. There is an increase in fog during the fall.
5. I am not in favor of the proposed law.
6. I would like to participate in your class.
7. I succeeded in finishing the book in two days.
8. I got a letter in response to my complaint.

WRITING SKILL

Activity A., pp. 187–188

1. A pandemic is an epidemic that has spread to several countries or continents.
2. epidemic
3. 2003, SARS virus; avian flu; 2009, a new flu virus from Mexico
4. a plague
5. Both paragraphs give general definitions of the terms. The paragraph on page 187 contains more statistical information than paragraph 1 in Reading 1.

Activity B., p. 188

Answers will vary. Sample answers:

1. A common cold is a respiratory illness that is caused by a virus.
2. An epidemic is when many people in a place get a disease at the same time.

3. Asthma is a condition that causes difficulty in breathing.
4. A vaccination is an injection that protects people from getting a disease.

Activity C., pp. 188–189

1. A common cold; which is
2. a common cold; severe
3. an epidemic; an epidemic
4. Asthma; which is; asthma
5. vaccination; vaccinations

Activity D.-G., p. 189

Answers will vary.

GRAMMAR

Activity A., p. 191

commonly; efficiently; frequently; immediately; precisely; rapidly; seriously; successfully

1. rapidly
2. successfully
3. efficiently
4. precisely
5. frequently
6. seriously
7. immediately
8. commonly

Activity B., p. 191

Answers will vary.

UNIT ASSIGNMENT

PLAN AND WRITE

Activity A., p. 192

Answers will vary.

Activity B., pp. 192-193

Answers will vary

Activity C., p. 193

Answers will vary.