

PRISM

READING AND WRITING

Richard O'Neill Michele Lewis

with Wendy Asplin Carolyn Flores





University Printing House, Cambridge CB2 8BS, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314-321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi - 110025, India

79 Anson Road, #06-04/06, Singapore 079906

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781316624272

© Cambridge University Press 2017

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2017

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5

Printed in Malaysia by Vivar

A catalogue record for this publication is available from the British Library

ISBN 978-1-316-62427-2 Student's Book with Online Workbook 1 Reading and Writing ISBN 978-1-316-62508-8 Teacher's Manual 1 Reading and Writing

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication, and does not guarantee that any content on such websites is, or will remain, accurate or appropriate. Information regarding prices, travel timetables, and other factual information given in this work is correct at the time of first printing but Cambridge University Press does not guarantee the accuracy of such information thereafter.

CONTENTS

| Scope and Sec | quence | 4 | |
|----------------------------|-----------------------------|-----|--|
| How Prism We | orks | 8 | |
| What Makes F | Prism Special | 10 | |
| UNIT 1 | Places | 14 | |
| UNIT 2 | Festivals and Celebrations | 36 | |
| UNIT 3 | The Internet and Technology | 58 | |
| UNIT 4 | Weather and Climate | 80 | |
| UNIT 5 | Sports and Competition | 102 | |
| UNIT 6 | Business | 124 | |
| UNIT 7 | People | 146 | |
| UNIT 8 | The Universe | 168 | |
| Glossary of Key Vocabulary | | | |
| Video Scripts | | 194 | |
| Credits | | | |
| Advisory Panel | | | |

SCOPE AND SEQUENCE

| UNIT | WATCH AND LISTEN | READINGS | READING SKILLS | LANGUAGE DEVELOPMENT | |
|--|--|---|--|--|--|
| 1 PLACES Academic Disciplines Sociology / Urban Planning | The Top U.S. City | 1: Rise of the Megacities (article) 2: Homestay Vacations: A Home away from Home (article) | Key Skill Scanning for numbers Additional Skills Understanding key vocabulary Using your knowledge Reading for main ideas Reading for details Scanning to find information Scanning to predict content Working out meaning Making inferences Synthesizing | Nouns, verbs, and adjectives | |
| 2 FESTIVALS AND CELEBRATIONS Academic Disciplines Anthropology / Cultural Studies | The Meaning of Independence Day | 1: Celebrate! (article) 2: Muscat Festival (article) | Key Skill Previewing a text Additional Skills Understanding key vocabulary Scanning to predict content Reading for main ideas Reading for details Recognizing text type Synthesizing | Prepositions of time and place Adverbs of frequency | |
| 3 THE INTERNET AND TECHNOLOGY Academic Disciplines Computer Science / Engineering | Predictive Advertising | 1: Someone's Always Watching You Online (Web article) 2: Video Games for Kids: Win or Lose? (essay) | Key Skills Reading for main ideas Making inferences Additional Skills Understanding key vocabulary Using your knowledge Scanning to predict content Reading for details Recognizing text type Synthesizing | Compound nouns Giving opinions | |
| 4 WEATHER AND CLIMATE Academic Disciplines Environmental Studies / Meteorology | Tornadoes | 1: Extreme Weather (profile) 2: Surviving the Sea of Sand: How to Stay Alive in the Sahara Desert (article) | Key Skills Reading for details Using your knowledge to predict content Additional Skills Understanding key vocabulary Reading for main ideas Recognizing text type Synthesizing | Collocations with temperature Describing a graph | |

| CRITICAL THINKING | GRAMMAR FOR WRITING | WRITING | ON CAMPUS |
|---|--|---|--|
| Using a T-chart Analyzing positives and negatives | Simple sentences 1: • Subject + verb There is / there are | Academic Writing Skill Capital letters and punctuation Rhetorical Mode Descriptive Writing Task Describe the place where you live. Write about its positives and its negatives. (sentences) | <u>Life Skill</u> Finding a place to live |
| Using an idea map to organize ideas | Simple sentences 2: Objects and extra information Prepositional phrases | Academic Writing Skill Organizing sentences into a paragraph Rhetorical Mode Descriptive Writing Task Describe a festival or special event. (paragraph) | <u>Life Skill</u> Cultural exchange |
| Analyzing a question | Connecting ideas • And, also, and too • Compound sentences • However | Academic Writing Skill Topic sentences Rhetorical Mode Opinion Writing Task The Internet wastes our time. It does not help us do more work. Do you agree or disagree? (paragraph) | <u>Study Skill</u> The virtual classroom |
| Analyzing a graph | Comparative and superlative adjectives | Academic Writing Skills Supporting sentences Giving examples • Like, such as, and for example Rhetorical Mode Descriptive Writing Task Describe the weather in a country or region. (paragraph) | <u>Life Skill</u> Seeing a doctor |

| UNIT | WATCH AND LISTEN | READINGS | READING SKILLS | LANGUAGE DEVELOPMENT | |
|---|--|---|---|--|--|
| 5 SPORTS AND COMPETITION Academic Disciplines Sports Management / Sports Science | Skiing in the French Alps | 1: Five Unusual Sports (article) 2: Tough Guy: A Race to the Limit (article) | Key Skill Scanning to predict content Additional Skills Understanding key vocabulary Previewing Reading for main ideas Reading for details Recognizing text type Understanding discourse Working out meaning Synthesizing | Prepositions of movement | |
| 6 BUSINESS Academic Disciplines Business / Marketing | Amazon's Fulfillment Center | 1: Are You Ready for the World of Work? (survey) 2: The Story of Google (article) | Key Skills Working out meaning from context Annotating a text Additional Skills Understanding key vocabulary Scanning to predict content Reading for main ideas Reading for details Identifying audience Making inferences Synthesizing | Collocations with business Business vocabulary | |
| 7 PEOPLE Academic Disciplines Psychology / Sociology | The 101-Year- Old Weather Volunteer | 1: Incredible People: Ben Underwood (blog post) 2: Incredible People (blog posts) | Key Skill Making inferences Additional Skills Understanding key vocabulary Scanning to predict content Reading for main ideas Reading for details Working out meaning Identifying purpose Synthesizing | Noun phrases with <i>of</i> Adjectives to describe people | |
| 8 THE UNIVERSE Academic Disciplines Astronomy / Engineering | Going to the International Space Station | 1: The Rise of Commercial Space Travel (article) 2: Life on Other Planets (essay) | Key Skill Identifying the author's purpose Additional Skills Understanding key vocabulary Using your knowledge Scanning to predict content Reading for main ideas Reading for details Making inferences Distinguishing fact from opinion Synthesizing | Giving evidence and supporting an argument | |

| CRITICAL THINKING | GRAMMAR FOR WRITING | WRITING | ON CAMPUS |
|--|---|---|---|
| Analyzing a diagram | Subject and verb agreement | Academic Writing Skills Ordering events in a process Removing unrelated information Rhetorical Mode Process Writing Task Describe the Sydney Triathlon. (paragraph) | Communication Skill Virtual communication |
| Using a timeline to put past events in order | The simple present and the simple past Time clauses with when to describe past events | Academic Writing Skill Adding details to main facts Rhetorical Mode Narrative Writing Task Write about the history of a business. (paragraph) | Study Skill Creating checklists |
| Using a Venn diagram | Modals of necessity | Academic Writing Skill Concluding sentences Rhetorical Mode Explanatory Writing Task Who do you think is a good role model? Write a paragraph explaining the qualities that make that person a good role model. (paragraph) | Communication Skill Expressing your opinion |
| Evaluating arguments | That clauses in complex sentences Infinitives of purpose | Academic Writing Skill Essay organization Rhetorical Mode Opinion Writing Task Should governments spend more money on space exploration? Give reasons and examples to support your opinion. (essay) | Research Skill Using the library |

HOW PRISM WORKS

1 Video

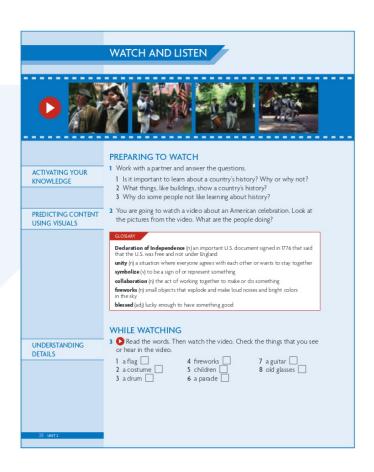
Setting the context

Every unit begins with a video clip. Each video serves as a springboard for the unit and introduces the topic in an engaging way. The clips were carefully selected to pique students' interest and prepare them to explore the unit's topic in greater depth. As they work, students develop key skills in prediction, comprehension, and discussion.

2 Reading

Receptive, language, and analytical skills

Students improve their reading abilities through a sequence of proven activities. They study key vocabulary to prepare them for each reading and to develop academic reading skills. A second reading leads into synthesis exercises that prepare students for college classrooms. Language Development sections teach vocabulary, collocations, and language structure.



READING

READING 1

UNDERSTANDING KEY VOCABULARY

PREPARING TO READ

1 Read the definitions. Complete the sentences with the correct form of

celebrate (v) to do something enjoyable because it is a special day culture (n) the habits, traditions, and beliefs of a country or group of people gift (n) something that you give to someone, usually on a special day the ground (n) the surface of the Earth

lucky (adj) having good things happen to you traditional (adj) following the ways of behaving or doing things that have continued in a group of people for a long time

- __ my mother's birthday by making a big meal for __. Each one has special
- 3 In Japan, guests usually give a small wrapped ...
- or fruit, when they visit someone's home.

 4 For our International Day party, all of my classmates wore.
- clothing from their countries instead of their usual clothes.

 5 In many countries, people believe the color yellow is ______
- Wearing yellow will bring you good things like joy and energy.

 6 On Arbor Day in the U.S., a lot of people dig holes and plant new trees in .

2 Look at the photos, title, and subtitles in the article. Circle the topic of

Previewing a text

Before you read, look at the photos, title, and subtitles. This gives you a lot of information about the topic of the text before you read. It will help you understand the text better when you read it.

PREVIEWING

PRISM*

- the article. a celebrations around the world
- b weddings around the work c birthdays around the world
- 3 Read the article and check your answer

HOW PRISM WORKS

ACADEMIC WRITING SKILLS

ORGANIZING SENTENCES INTO A PARAGRAPH

In written English, sentences are organized into paragraphs. A paragraph is a group of sentences about the same topic. A new topic should be put in a new

A paragraph has a topic sentence, supporting sentences, and a concluding sentence. A paragraph is often written in this order.

- 1 The topic sentence describes what the paragraph is about. It is usually the first sentence in a paragraph.
- 2 The supporting sentences tell more about the topic and give details and examples. They are in the middle of the paragraph.
- The concluding sentence ends the paragraph. It usually summarizes the main idea in the paragraph. The concluding sentence often starts with phrases like In conclusion, In summary, or In sum. Some short paragraphs do not have a

- PRISMONIE 1 Look at the sentences. They are from two different paragraphs. Paragraph 1 is about a city. Paragraph 2 is about a festival. Organize the sentences into two paragraphs. Write 1 or 2 next to each sentence.
 - a Popfest is a music festival in the U.K. 2
 - b It is a very noisy city. __1_
 - c People wear waterproof shoes and coats.
 - d In the summer, it is very hot.
 - e It happens in July. _
 - f I live in Taipei.
 - g There are lots of shops and restaurants.
 - h People listen to music and dance.
 - i It's a great place to live.
 - 2 Read the paragraph and follow the steps
 - 1 Circle the topic sentence and write T next to it.
 - 2 Underline the supporting sentences and write 5 next to them
 - 3 Highlight the concluding sentence and write C next to it

When I was a child, my favorite day of the year was my birthday. I always went to the park with my family. My sister and brother gaw me presents, and we usually played games. We ate lunch, and then for dessert, we ate the chocolate cake my mother made. In sum, I have very special memories of my birthday.

3 Writing

Critical thinking and production

Multiple critical thinking activities begin this section, preparing students for exercises that focus on grammar for writing and writing skills. All of these lead up to a structured writing task, in which students apply the skills and language they have developed over the course of the entire unit.

ON CAMPUS

THE VIRTUAL CLASSROOM

For many college classes, students have to do some work online. Professors expect students to be active both online and in class. Online participation is often part of a student's grade

PREPARING TO READ

- 1 Work with a partner. Discuss the questions.
- 1 What do you do online for your classes?
- 2 How do you feel about online discussions? Why?
- 3 Do you prefer an online class or a face-to-face class? Why? 4 What are the advantages of online projects and discus-

WHILE READING

2 Read part of a syllabus from a sociology class.

CLASS WEBSITE

For this class, students can find lecture notes and articles on the class website, Students will and at uters of the class website. Students win also use the class website to do the following tasks: submit¹ homework, take quizzes, do group projects, and post² responses for weekly discussions. Students should do the following:

- · check the website each Monday for updates and assignments
- · complete all tasks on time
- contact the professor by email if there is

WEEKLY ONLINE DISCUSSIONS

Each Monday, a new question will be posted on the online discussion board. The discussion is open until Friday at 5 p.m. Students must actively participate in the discussion every week.

This part of the course counts for 25% of the final grade.

Students must do the following:

- 1 Post an answer to the question every week. Answers should be 30-40 words. Please post an answer on Monday or Tuesday.
- 2 Respond to two classmates' answers. Responses should be 20-30 words.

All discussions should

- be about the topic
- · use complete sentences in paragraphs
- use academic language
- use correct spelling
- use good grammar

· be respectful of others

'submit (v) turn in, either online or to someone 'post (v) put on a website for others to see

4 On Campus

Skills for college life

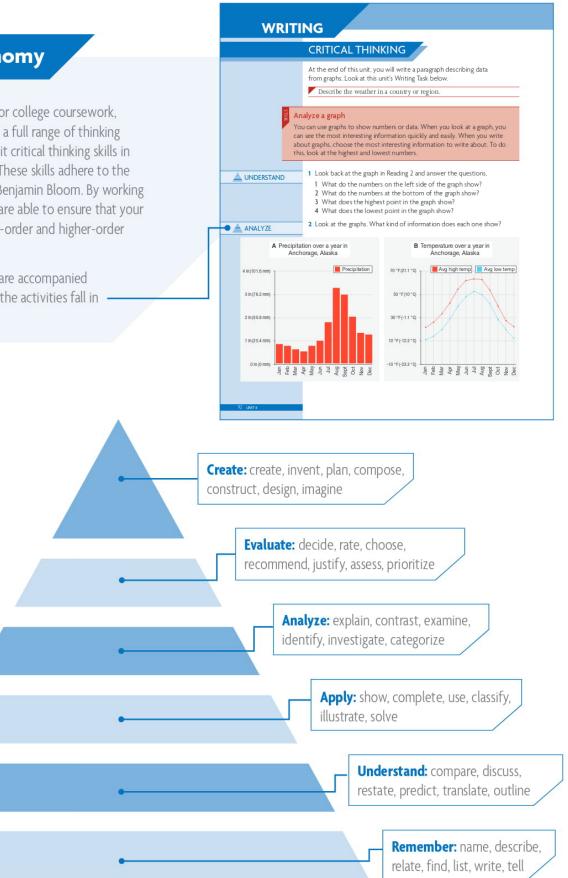
This unique section teaches students valuable skills beyond academic reading and writing. From asking questions in class to participating in a study group and from conducting research to finding help, students learn how to navigate university life. The section begins with a context-setting reading and moves directly into active practice of the skill.

WHAT MAKES PRISM SPECIAL: **CRITICAL THINKING**

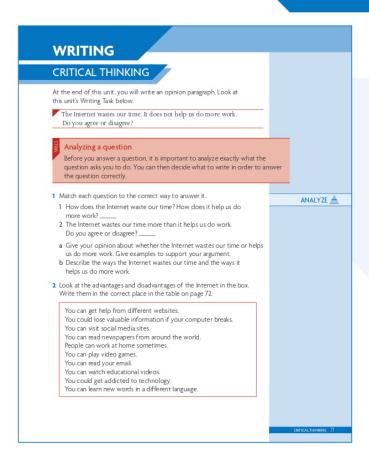
Bloom's Taxonomy

In order to truly prepare for college coursework, students need to develop a full range of thinking skills. Prism teaches explicit critical thinking skills in every unit of every level. These skills adhere to the taxonomy developed by Benjamin Bloom. By working within the taxonomy, we are able to ensure that your students learn both lower-order and higher-order thinking skills.

Critical thinking exercises are accompanied by icons indicating where the activities fall in Bloom's Taxonomy.

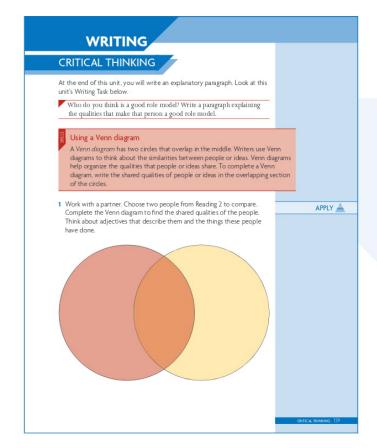


WHAT MAKES PRISM SPECIAL: **CRITICAL THINKING**



Higher-Order **Thinking Skills**

Create, Evaluate, and Analyze are critical skills for students in any college setting. Academic success depends on their abilities to derive knowledge from collected data, make educated judgments, and deliver insightful presentations. Prism helps students get there by creating activities such as categorizing information, comparing data, selecting the best solution to a problem, and developing arguments for a discussion or presentation.

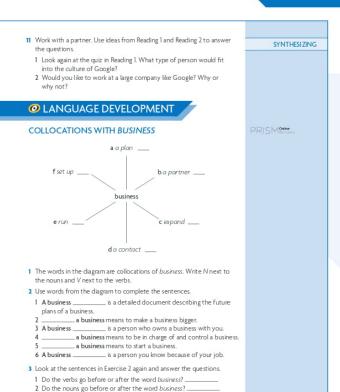


Lower-Order **Thinking Skills**

Apply, Understand, and Remember provide the foundation upon which all thinking occurs. Students need to be able to recall information, comprehend it, and see its use in new contexts. Prism develops these skills through exercises such as taking notes, mining notes for specific data, demonstrating comprehension, and distilling information from charts.

WHAT MAKES PRISM SPECIAL: **ON CAMPUS** More college skills Students need more than traditional academic skills. Prism teaches important skills for being engaged and successful **Professors** all around campus, from emailing Students learn how to professors to navigating study groups. take good lecture notes and how to communicate with professors and academic advisors. Beyond the classroom Skills include how to utilize campus resources, where to go for help, how to choose classes, and more. **Active learning** Students practice participating in class, in online discussion boards, and in study groups. Learners become proficient at taking notes and annotating textbooks as well as conducting research online and in the library. 12 WHAT MAKES PRISM SPECIAL

WHAT MAKES PRISM SPECIAL: RESEARCH



Vocabulary Research

Learning the right words

Students need to learn a wide range of general and academic vocabulary in order to be successful in college. Prism carefully selects the vocabulary that students study based on the General Service List, the Academic Word List, and the Cambridge English Corpus.

GRAMMAR FOR WRITING

SIMPLE SENTENCES 2

Objects and extra information

A simple sentence needs to have a subject and a verb. It must form a complete

After the verb, there can be an object (usually a noun or noun phrase). You can also add extra information by using an adjective or a prepositional phrase.

| subject | verb | noun phrase |
|--------------|-------|----------------------|
| 1 | visit | my family. |
| subject | verb | adjective |
| The people | are | happy. |
| subject | verb | prepositional phrase |
| The festival | is | in May. |

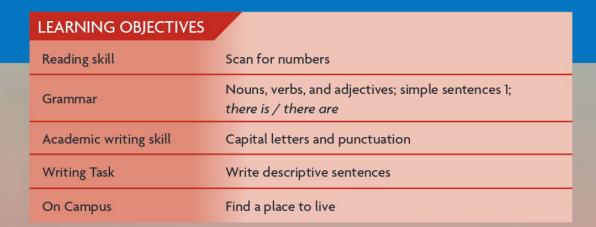
PRISMONIO

- 1 Underline the subject and circle the verb in each sentence.
- 1 The children wear traditional clothes.
- 2 My family and I watch the fireworks.
- 3 I visit my aunt and uncle.
- 4 People in the U.S. celebrate college graduation.
- 5 My parents and I go downtown
- 2 Underline the words that come after the verb in each sentence. Then write N for noun, A for adjective, and P for prepositional phrase.
- 1 My family eats at home
- 2 The costumes are beautiful.
- 3 We exchange presents._
- 4 I celebrate in the evening. _____ 5 The festival is traditional. ____

Grammar for Writing

Focused instruction

This unique feature teaches learners the exact grammar they will need for their writing task. With a focus on using grammar to accomplish rhetorical goals, these sections ensure that students learn the most useful grammar for their assignment.





PLACES

UNIT 1



WATCH AND LISTEN











ACTIVATING YOUR KNOWLEDGE

PREDICTING CONTENT USING VISUALS

PREPARING TO WATCH

- 1 Work with a partner and answer the questions.
 - 1 What makes a city beautiful?
 - 2 Why might a city win an award?
 - 3 Have you ever visited a beautiful city? If so, describe it.
- 2 You are going to watch a video about a city that won an award. Read the heading in the box and look at the pictures from the video. Then discuss the questions with your partner.

"And the award for top U.S. city goes to ..."

- 1 What city do you think won the award?
- 2 Why do you think the city won the award?
- 3 What cities probably did not win the award?

GLOSSARY

beat out (phr v) to win something in a competition that someone else wants

Civil War (n) the war between the North (the Union) and the South (the Confederacy) in the United States from 1861 to 1865, which was won by the North

cuisine (n) a style of cooking

draw (n) something that people want to see or visit

regulate (v) to control an activity or process by rules or a system

tourism (n) the business of providing services for tourists

WHILE WATCHING

3 Read the sentences and then watch the video. Circle the correct answers.

- UNDERSTANDING **DETAILS**
- 1 Charleston won against another city named San Francisco / San Diego.
- 2 This other city won the award for 13 / 18 years in a row.
- 3 People are *surprised* / *not surprised* when they come to Charleston.
- 4 There are a lot of bicycle / carriage rides in Charleston.
- 5 The tourism industry in Charleston is not regulated / regulated.
- 6 Tourism is a small / big business in Charleston.
- 7 More than three *million / billion* dollars are brought in by visitors a year.
- 4 Natch again and match the questions to the answers.

1 What is Charleston called?

2 Who is Joe Riley?

3 What can you feel all around Charleston?

4 What do people sell in the market?

5 What is one draw for visitors?

6 What things are regulated?

a buses and walking tours

b "the Holy City"

c the food

d the history

e the mayor

f handmade crafts

- 5 Work with a partner. Discuss the meanings of the underlined words from the video.
 - 1 Charleston's many church steeples reach high into the sky.
 - 2 Some of its houses were built two or three hundred years ago. They are two or three centuries old.
 - 3 Tourists buy handmade crafts and souvenirs from vendors in the city market.
 - 4 In Charleston, tourists often ride in horse <u>carriages</u> instead of cars.

DISCUSSION

- **6** Work in small groups. Discuss the questions.
 - 1 Would you like to visit Charleston, South Carolina? Why or why not?
 - 2 Think of one scene from the video and describe it to your group.
 - 3 How is Charleston similar to your city or town? How is it different?

UNDERSTANDING MAIN IDEAS

MAKING INFERENCES

READING

READING 1

UNDERSTANDING KEY VOCABULARY

PREPARING TO READ

- 1 You are going to read an article about cities. Read the sentences. Write the words in bold next to the definitions.
 - 1 More than 8 million people live in New York City. New York City has the largest **population** in the United States.
 - 2 The city hired an **expert** to help decide on the best place for the new shopping mall. He knows a lot about planning big cities.
 - 3 People who live in big cities often visit the **countryside** so they can get away from the crowds and breathe some fresh air.
 - 4 Studying in another country gives students the **opportunity** to learn about new cultures and see how other people live.
 - 5 The sky was so gray with air **pollution** from cars and factory smoke that I couldn't see the sunset.
 - 6 Shanghai is thousands of years old, but it is also a very **modern** city. It is filled with tall glass buildings and bright lights.
 - 7 Big cities usually have a lot of **traffic**, especially when people drive to work in the morning and drive home in the evening.
 - 8 Washington, D.C., is the **capital** of the United States. It is where the U.S. government is run.
 - a ______(n) the cars, trucks, and other vehicles using a road
 - **b** _____ (n) land that is not in towns or cities and may have farms and fields
 - c _____ (adj) designed and made using the most recent ideas and methods
 - d _____(n) the number of people living in a place
 - e ______ (n) damage caused to water, air, and land by harmful materials or waste
 - f _____ (n) the most important city in a country or state; where the government is
 - g _____ (n) someone who has a lot of skill in or a lot of knowledge about something
 - h _____(n) a chance to do or experience something good
- 2 Read the title of the article. What do you think mega means?
 - a very busy
- **b** very good
- c very big
- **3** Read the article and check your answer.

USING YOUR KNOWLEDGE

Rise of the MEGACITIES

Megacity: A City with More Than Ten Million People

A DAME AS TO A LOCAL DESCRIPTION OF THE PARTY OF THE PART

2

1

Number of Megacities

1990

- 1 The number of megacities is growing very quickly. In the 1950s, there were only two megacities in the world.
- 2 Today, 12% of the world's urban¹
 population lives in megacities.
 Studies show that there will be
 eight billion people in the world in 2025.
 Experts say that there will be 40 megacities.
- **3** Today, more than 35 cities in the world are megacities. 75% are in Asia, South America, and Africa. More and more people around the world are leaving their homes in the **countryside** and moving to the city.
- 4 Many megacities have better **opportunities**, such as more jobs and a choice of schools and universities. Megacities are also exciting places to live—there are lots of different people, languages, and restaurants, and there are many interesting things to do.

25

20

15 10

5 However, megacities have problems, too. The cities are very big, and this can cause problems like **pollution** or poor housing².

TOKYO, JAPAN

37.8 MILLION

6 Tokyo is an exciting modern city in the east of Japan. There are lots of jobs because most big companies in Japan are in Tokyo. It is also an excellent place to study—20% of Japan's universities are in the city. However, Tokyo is very busy, and the traffic is very bad. More than 8.7 million people use the subway every day.

DELHI, INDIA

25 MILLION

7 Delhi is in the north of India. It has many beautiful monuments³, interesting museums, and modern restaurants. There is an exciting mix of different cultures in the city, and there are four official languages: Hindi, Urdu, Punjabi, and English. However, there are not enough houses in some parts of Delhi. This means that many people live in large slums in the city.

CAIRO, EGYPT

16.9 MILLION

8 Cairo is the **capital** of Egypt, and it is the largest city in Africa. Cairo has important car and film industries. The city is the center of many government offices and has many universities, one of which is over 1,200 years old.

¹urban (adj) relating to towns and cities
 ²housing (n) places to live, such as apartments or houses
 ³monuments (n) old buildings or places that are important in history