Scope and Sequence

ACADEMIC SKILLS

	Unit Title & Theme	Listenings & Video	Listening & Note Taking	Speaking & Presentation	Vocabulary	Grammar & Pronunciation	Critical Thinking
1	**URBAN CHALLENGES** *page 1* ACADEMIC TRACK: Urban Studies	Lesson A A Lecture about Venice, Italy (with slide show) **VIDEO** Urban Solution: Farming on Rooftops Lesson B A Conversation about Singapore	• Understanding the Introduction to a Lecture • Using Abbreviations	• Signaling Additional Aspects of a Topic • Presenting in Pairs **Lesson Task** Evaluating the Impact of Tourism **Final Task** Presenting a Problem and Solutions	Word Families: Suffixes	• Passive Voice • Linking with Word-Final *t*	**Focus:** Predicting Analyzing Visuals, Applying, Evaluating, Making Inferences, Organizing Ideas, Reflecting
2	**PROTECTING THE WILD** *page 21* ACADEMIC TRACK: Life Science	Lesson A A Q&A Session about an Extinct Species **VIDEO** Hope for the Mugger Crocodile Lesson B A Debate on Legalized Hunting	• Activating Prior Knowledge • Taking Notes during a Q&A	• Responding to an Argument **Lesson Task** Discussing Environmental Impact **Final Task** A Debate on Wild Animals in Zoos	Two-Part Verbs with *Out*	• Essential Adjective Clauses • Saying and Linking *–s* Endings	**Focus:** Evaluating Arguments in a Debate Analyzing, Analyzing a Chart, Applying, Evaluating, Making Inferences, Predicting, Reflecting
3	**BEAUTY AND APPEARANCE** *page 41* ACADEMIC TRACK: Sociology	Lesson A A News Report on Perceptions of Beauty (with slide show) **VIDEO** Skin Mask Lesson B A Conversation about Unusual Fashions	• Listening for Specific Information • Using an Outline	• Paraphrasing • Preparing Visuals for Display **Lesson Task** Conducting a Survey **Final Task** A Presentation about Fashion Trends	Suffix *-ive*	• Tag Questions • Intonation for Clarification	**Focus:** Interpreting a Bar Graph Analyzing, Applying, Evaluating, Interpreting, Organizing Ideas, Predicting, Reflecting
4	**GOING GLOBAL** *page 61* ACADEMIC TRACK: Global Studies / Communications	Lesson A A Lecture about Succeeding in Business (with slide show) **VIDEO** Sherpa Lives Lesson B A Podcast about a Globalizing Technology	• Listening for Advantages • Using Columns	• Defining Terms • Managing Nervousness **Lesson Task** Role-Playing a Job Interview **Final Task** Evaluating a Social Media Platform	Using Collocations	• Gerund Phrases • Saying Parentheticals	**Focus:** Evaluating Analyzing, Applying, Interpreting a Graph, Interpreting a Map, Interpreting Visuals, Organizing Ideas, Ranking, Reflecting
5	**MIGRATION** *page 81* ACADEMIC TRACK: Life Science/History	Lesson A A Podcast about Ancient Migration (with slide show) **VIDEO** Wildebeest Migration Lesson B A Conversation about the Serengeti	• Listening for Clarification • Using a Time Line	• Approximating • Handling Audience Questions **Lesson Task** Discussing Family Origins **Final Task** A Pair Presentation on Animal Migration	Suffixes *–ant* and *–ist*	• Modals of Past Possibility • Linking with *You* or *Your*	**Focus:** Distinguishing Fact from Theory Applying, Evaluating, Interpreting a Map, Making Inferences, Organizing Ideas, Reflecting, Synthesizing

NATIONAL GEOGRAPHIC LEARNING

Bringing the world to the classroom and the classroom to life

A PART OF CENGAGE

NGL.Cengage.com/ELT

ACADEMIC SKILLS

Unit Title & Theme	Listenings & Video	Listening & Note Taking	Speaking & Presentation	Vocabulary	Grammar & Pronunciation	Critical Thinking
6 **TRADITION AND PROGRESS** *page 101* ACADEMIC TRACK: Anthropology/Sociology	**Lesson A** A Student Presentation about Bhutan (with slide show) **VIDEO** Preserving Endangered Languages **Lesson B** A Discussion about American Indian Lands	• Listening for a Correction • Using an Idea Map	• Using Rhetorical Questions • Speaking with Confidence **Lesson Task** Conducting an Interview **Final Task** Presenting a Tradition	Collocations: Verb/Adjective + Preposition	• Verb + Object + Infinitive • Stress in Adjective-Noun Combinations	**Focus:** Thinking Outside the Box Analyzing, Applying, Evaluating, Organizing Ideas, Predicting, Synthesizing
7 **MONEY IN OUR LIVES** *page 121* ACADEMIC TRACK: Economics	**Lesson A** An Interview about Money and Happiness **VIDEO** Bitcoin: The New Way to Pay **Lesson B** A Conversation about Money	• Listening for Shifts in Topic • Summarizing	• Referencing Research Studies **Lesson Task** Discussing Purchases and Happiness **Final Task** A Role-Play about Financial Advice	Choosing the Right Definition	• Connectors of Concession • Linking Vowel Sounds	**Focus:** Interpreting Visuals Analyzing, Evaluating, Organizing Ideas, Predicting, Ranking, Reflecting, Synthesizing
8 **HEALTH AND TECHNOLOGY** *page 141* ACADEMIC TRACK: Health/Technology	**Lesson A** A Lecture about Big Data in Health Care (with slide show) **VIDEO** Biking in the City **Lesson B** A Podcast about Fitness Gadgets	• Listening for Assessments • Using a T-Chart	• Emphasizing Important Information • Engaging Your Audience **Lesson Task** Assessing A City's Health **Final Task** Presenting on a Health Tech Product	Using Synonymns	• Noun Clauses with *That* • Dropped Syllables	**Focus:** Synthesizing Information Evaluating, Interpreting Visuals, Making Inferences, Organizing Ideas, Ranking
9 **THE MYSTERIOUS MIND** *page 161* ACADEMIC TRACK: Psychology/Brain Science	**Lesson A** A Podcast on the Brain and Intelligence (with slide show) **VIDEO** Memory Man **Lesson B** A Conversation about Memory	• Recognizing Appositives • Highlighting Conclusions	• Expressing Causal Relationships • Using Gestures **Lesson Task** Discussing Learning Styles **Final Task** Speaking about a "Life Hack"	Suffixes –*al*, –*tial*, and –*ical*	• Subject-Verb Agreement with Quantifiers • Reduced Function Words	**Focus:** Evaluating Conclusions Analyzing, Concluding, Evaluating, Ranking, Synthesizing
10 **THE FUTURE OF FOOD** *page 181* ACADEMIC TRACK: Environmental Studies	**Lesson A** A Lecture about GM Foods (with slide show) **VIDEO** Farming the Open Ocean **Lesson B** A Conversation about Food Prices	• Listening for Suggestions • The Cornell Method	• Referring to Group Opinions **Lesson Task** Role-Playing a Town Hall Meeting **Final Task** Making a Formal Proposal	Investigating Authentic Language	• Subjunctive Verbs in *That* Clauses • Reduced Auxiliary Phrases	**Focus:** Categorizing Analyzing, Applying, Evaluating, Reflecting

GOING GLOBAL

Visual artist Chris Milk hosts the largest collective viewing of virtual reality during his TED Talk in Vancouver, Canada, 2016.

ACADEMIC SKILLS

LISTENING	Listening for Advantages
	Using Columns
SPEAKING	Defining Terms
	Saying Parentheticals
CRITICAL THINKING	Evaluating

THINK AND DISCUSS

1 What do you think these people are seeing or experiencing?
2 How do you think a virtual reality experience is different from usual viewing?
3 What would you like to view with virtual reality glasses?

61

NATIONAL GEOGRAPHIC
L E A R N I N G

Bringing the world to the classroom and the classroom to life

A PART OF CENGAGE

NGL.Cengage.com/ELT

ALL RIGHTS RESERVED – NOT FOR RESALE

WORK SKILLS FOR THE FUTURE

Look at the photo and read the information. Then discuss the questions.

1. What type of new technology is shown in the photo? How is it useful?
2. What are some other new workplace technologies, and how are they changing the work world?
3. Look at The Future of Work 2020. Rank the drivers from strongest to weakest, in your opinion.
4. Which key skills do you think are most relevant for each driver?

Dmitry Grishin, CEO of Mail.ru, the Russian Internet giant, holding a virtual meeting with his telepresence robots

The Future of Work 2020

Drivers of Change in the Workplace

Smart machines and systems	People living longer	Big data	New media	Knowledge sharing	Globally connected world

Key Skills Needed in the Future Workplace

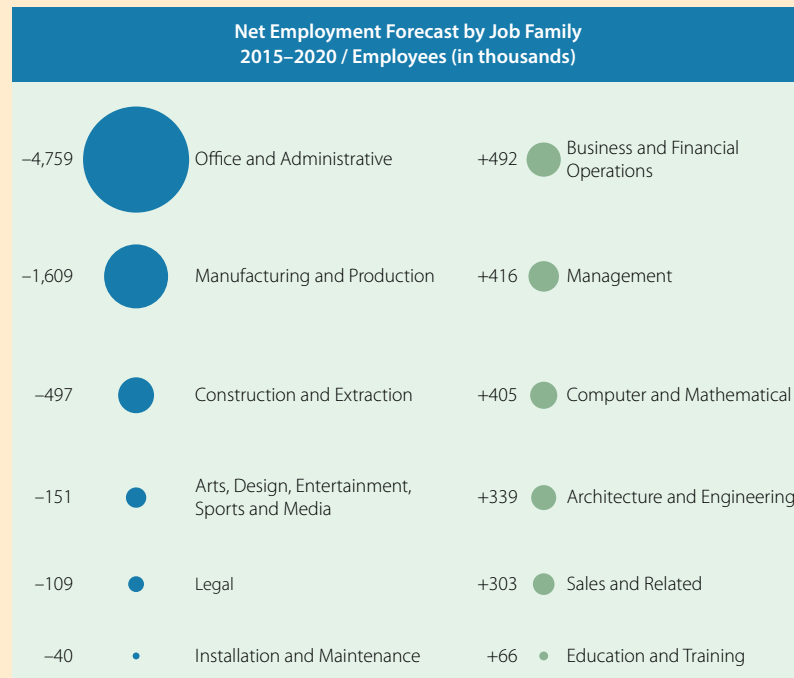| Creative thinking	Social intelligence	Knowledge of multiple disciplines	Media literacy	Managing mental overload	Computational thinking	Cross-cultural under-standing	Virtual collaboration

A Vocabulary

MEANING FROM CONTEXT

A 🎧 2.2 Read and listen to the article. Notice each word or phrase in **blue** and think about its meaning.

GLOBAL EMPLOYMENT TRENDS

Globalization is producing enormous changes in **labor** markets, changes that are creating both winners and losers in the workplace. Here are two areas of change that **pertain to** both employers and employees.

- Advanced technologies, a key **component** of globalization, are more **widespread** than ever before. New developments in technology will continue to **facilitate** tasks in business **sectors** such as architecture and engineering. It is not, however, a **promising** trend for office workers or the administrative sector, where jobs will **inevitably** be lost.
- The globalization of communication means more opportunities to learn via remote sources. Accessing information from global sources can increase a person's career **competence** and earning power. Companies who value their employees and hope to **retain**

Net Employment Forecast by Job Family
2015–2020 / Employees (in thousands)

−4,759	Office and Administrative	+492	Business and Financial Operations
−1,609	Manufacturing and Production	+416	Management
−497	Construction and Extraction	+405	Computer and Mathematical
−151	Arts, Design, Entertainment, Sports and Media	+339	Architecture and Engineering
−109	Legal	+303	Sales and Related
−40	Installation and Maintenance	+66	Education and Training

them in today's competitive global environment must support and fund learning opportunities for ambitious and motivated workers—or risk losing them!

B Match each word or phrase from exercise A with its definition.

1. _____ competence (n)   a. area of a society or economy
2. _____ component (n)   b. to relate, belong, or apply to
3. _____ facilitate (v)   c. showing signs of future success
4. _____ inevitably (adv)   d. to keep
5. _____ labor (n)   e. work or employment
6. _____ pertain to (v phr)   f. the ability to do something well
7. _____ promising (adj)   g. certainly, necessarily
8. _____ retain (v)   h. to make something easier or more efficient
9. _____ sector (n)   i. existing or happening over a large area
10. _____ widespread (adj)   j. a part of a larger whole

C Work in a small group. Look at the information in exercise A. Discuss the questions.

CRITICAL THINKING: ANALYZING

1. For which sectors is the future promising? For which is globalization having a negative effect? Are any of the predictions surprising? Explain.
2. Choose four of the sectors and discuss how globalization might be expanding or shrinking the labor force in each.

VOCABULARY SKILL Using Collocations

Collocations are combinations of words that are frequently used together. Two common patterns are:

Noun + Noun (The first noun acts like an adjective.)

labor markets	*business sector*	*earning power*

Adjective + Noun

private sector	*advanced technologies*	*remote control*

D Complete each global career tip with the correct collocation.

1. Just knowing your _____ isn't enough these days. Learn a second one.
   a. natural language   b. native language   c. national language
2. Do your own Internet research to keep up with _____ in your chosen field.
   a. major trends   b. upper trends   c. considerable trends
3. Take a trip overseas during _____ to explore employment options.
   a. spring break   b. spring pause   c. spring intermission
4. Don't forget that companies often fill their _____ with local talent.
   a. superior positions   b. senior positions   c. elder positions
5. If you hope to work in the _____, do a leadership training program.
   a. managing sector   b. manager sector   c. management sector
6. If you have an _____, look for a position abroad.
   a. adventurous spirit   b. adventurous energy   c. adventurous body
7. Develop the ability to adapt to other cultures, as it's part of a global career _____.
   a. skill series   b. skill collection   c. skill set
8. Join online discussions related to your _____ of expertise or interest.
   a. specific region   b. specific field   c. specific environment

E Work in a group. Discuss the career tips above. Then use the collocations to make your own career tips.

CRITICAL THINKING: APPLYING

> *Don't worry if you don't speak English as well as your native language. A lot of successful international businesspeople are still perfecting their English!*

A Listening A Lecture about Succeeding in Business

BEFORE LISTENING

A Work in a small group. Discuss these questions.

1. What does it take to be successful in today's globalized business world?
2. You are going to hear a lecture about four skills, called "competences", needed to succeed in business today. Look at the skills and discuss what you think each means.
   - personal competence
   - social competence
   - business competence
   - cultural competence

WHILE LISTENING

> **LISTENING SKILL** Listening for Advantages
>
> When introducing new ideas, speakers often point out the advantages of those ideas. Listen for the following ways speakers express advantages.
>
> - a clear statement of the advantage
>   *The advantage/benefit (of) . . . is . . .*
>   *. . . is useful/beneficial/important because . . .*
>   *. . . is essential for . . .*
> - a question before introducing an advantage
>   *Why is . . . useful/beneficial/important?*
> - an explanation of what the advantage allows us to do or what it makes possible
>   *. . . allows/helps us/you (to) . . .*
>   *. . . makes it possible to . . .*

▼ **Doing business across different cultures requires a high level of cultural competence.**

> **NOTE-TAKING SKILL** Using Columns
>
> To organize two corresponding sets of information, you can use two columns. Write the main ideas in the left-hand column. Then add a column to the right for the supporting ideas or details that pertain to those main ideas. Using arrows or lines between the corresponding information can make it easier to see and remember the connections between the main ideas and the supporting details.

B 🎧 2.3 ▶ 1.8 Listen to the lecture and follow along with the notes in the first column.

Succeeding in Business

Competences		Advantages
Personal competence		
1. understanding yourself	⟶	helps you use time and _____ correctly [1]
2. emotional intelligence	⟶	facilitates _____ [2]
3. be realistic but optimistic	⟶	helps you be positive when things go wrong
Social competence		
1. practical trust	⟶	helps you trust ppl to _____ done [3]
2. constructive impatience	⟶	sends message: do things _____ [4]
3. connective teaching	⟶	makes poss. for others to teach _____ [5]
Business competence		
1. managing chaos	⟶	allows you to deal w/ _____ in bus. [6]
2. fluency with technology	⟶	makes avail. latest e-bus. _____ [7]
3. developing leadership	⟶	helps bus. succeed & _____ better [8]
Cultural competence		
1. understanding your culture	⟶	allows you to value strengths & _____ [9]
2. international curiosity	⟶	allows you to look beyond yr _____ for opps. [10]
3. bridge building	⟶	allows creation of connections across cultrs

C 🎧 2.3 Listen again and complete the second column of notes in exercise B. Write no more than two words in each blank.

AFTER LISTENING

D Work with a partner. Discuss these questions.

1. Which of the competences that the lecturer spoke about is an area of strength for you? If possible, give an example.
2. Which of the competences would you like to develop? Explain.

A Speaking

SPEAKING SKILL Defining Terms

When giving a presentation, you may sometimes use terms that are related to a specific field. Your listeners may not be familiar with these terms, and their meaning may differ from the dictionary definitions. In these cases, you should define the terms using language that your audience will understand. Here are some expressions you can use:

The term . . . refers to/means . . .   *By . . ., I mean . . .*

This means . . .   *. . . is defined as . . .*

You can also define a term by simply pausing after the term and giving a definition.

A 🎧 2.4 Work with a partner. Take turns reading the sentences aloud using expressions from the skill box. Then listen and fill in the expressions the speaker uses.

1. _____ emotional intelligence, _____ understanding your own emotions and those of others.

2. _____ *social competence* _____ the skills required to engage with and get the best out of other people.

3. The third component of social competence is known as *connective teaching*. _____ being just as eager to learn from others as you are to pass on your knowledge to them.

4. Cultural competence _____ an understanding of cultural differences and how to make use of that knowledge.

B Match each term related to globalization on the left with its definition on the right.

1. _____ coca-colonization   a. the distance food is transported from producer to consumer

2. _____ postnationalism   b. the globalization of American culture through U.S. products

3. _____ food miles   c. inequality in access to computers and the Internet

4. _____ worldlang   d. an active user of social media and the Internet

5. _____ netizen   e. the process by which nations become global entities

6. _____ digital divide   f. a new language created from several modern languages

DEFINING TERMS **C** Work with a partner. Practice saying sentences to introduce and then define the terms in exercise B. Use expressions for defining terms from the Speaking Skill box.

> *One aspect of globalization that isn't always welcome is coca-colonization. By coca-colonization, I mean the globalization of American culture through U.S. products.*
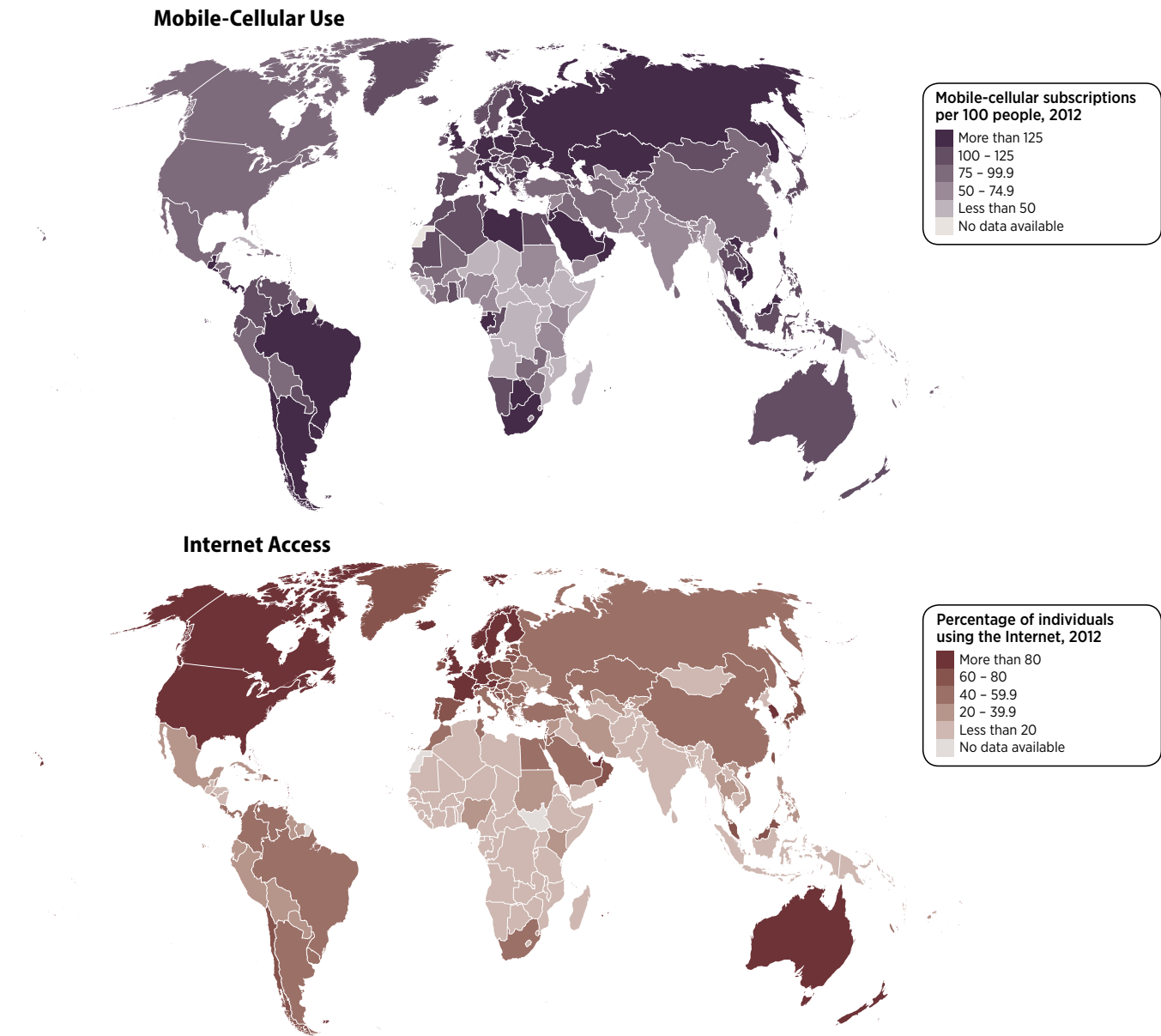
D Work in a small group. Discuss the advantages and/or disadvantages of the six aspects of globalization. Take notes below. Write an advantage and disadvantage for each.

CRITICAL THINKING: EVALUATING

Aspects of Globalization	Advantages	Disadvantages
1. coca-colonization →	_____	_____
2. postnationalism →	_____	_____
3. food miles →	_____	_____
4. worldlang →	_____	_____
5. netizen →	_____	_____
6. digital divide →	_____	_____

E Work with a partner. Compare the two maps. What conclusion(s) can you make about the relationship between mobile-cellular use and Internet access? Support your ideas with examples from the maps.

CRITICAL THINKING: INTERPRETING A MAP

Mobile-Cellular Use

Mobile-cellular subscriptions per 100 people, 2012
More than 125
100 – 125
75 – 99.9
50 – 74.9
Less than 50
No data available

Internet Access

Percentage of individuals using the Internet, 2012
More than 80
60 – 80
40 – 59.9
20 – 39.9
Less than 20
No data available

GRAMMAR FOR SPEAKING Gerund Phrases

A gerund phrase is a type of noun phrase. Gerund phrases begin with a gerund (the base form of a verb plus -*ing*) and include one or more modifiers and additional objects. They are used as the subject or subject complement of a sentence, object of a verb, or object of a preposition.

> ***Being realistic but at the same time optimistic*** *allows us to stay positive— even when things go wrong.*
>
> *The first component of personal competence is* ***understanding yourself***.
>
> *You should not avoid* ***making difficult decisions***.
>
> *Social competence is essential for* ***bringing together groups of talented people***.

F Put the words and phrases in the correct order to create sentences with gerund phrases about career skills. More than one answer may be possible.

1. to think critically / is / for problem solving / being able / essential

   _____

2. are vital / accessing current information / Internet search skills / for

   _____

3. huge amounts of data / facilitate / analyzing / Big Data skills

   _____

4. a high level of / working with others successfully / emotional intelligence / requires

   _____

5. decisions / a fundamental skill / of leaders / is / making

   _____

6. many employers / is / solve problems effectively / look for / a skill / being able to

   _____

7. change / is / to welcome / a key skill / being able

   _____

8. a foreign language / toward becoming / a global citizen / is / learning / an important step

   _____

G Work in a small group. Look at the career skills. Add two more to the list. Then discuss how important they are, and number them from 1 (most useful) to 10 (least useful).

_____ a. analyzing data
_____ b. being able to think critically
_____ c. decision-making
_____ d. researching information online
_____ e. solving problems effectively
_____ f. speaking a foreign language
_____ g. welcoming change
_____ h. working with others
_____ i. _____
_____ j. _____

LESSON TASK Role-Playing a Job Interview

A Work with a partner. You are going to role-play a job interview. Look at the list of interview questions and add one more question about work experience.

> ### INTERVIEW QUESTIONS
>
> 1. Can you tell me a little about yourself?
> 2. What are your greatest strengths?
> 3. What is your greatest weakness?
> 4. Describe a stressful workplace situation you experienced. How did you handle it?
> 5. What is your approach to working successfully in a team?
> 6. This position requires working with people from different cultural backgrounds. What skills or qualifications do you have to work cross-culturally?
> 7. _____
>   _____

B On your own, study the interview questions and prepare your answers. Make notes to use during the interview. Use any work, school, or life experience you've had, information from this lesson, and your imagination, as necessary.

> ### EVERYDAY LANGUAGE Asking about Experiences
>
> *Can you tell me about a time that/when you … ?*
> *Have you ever had the chance/opportunity to … ?*
> *Have you ever had any experience with … ?*

C With your partner, role-play an interview between a hiring manager at an international company and an applicant. Ask the interview questions from exercise A, as well as any follow-up questions as appropriate. Use expressions from the Everyday Language box. Then switch roles and repeat.

▼ **The Hongkong and Shanghai Banking Company (HSBC) is a globally focused company with headquarters in Hong Kong and branches throughout the world.**

Video

A Sherpa replaces rope on Ama Dablam Mountain in the Himalayas.

Sherpa Lives

BEFORE VIEWING

A Work in a small group. Look at the photo and discuss the questions.

1. Where do you think the Sherpa live? What might the climate be like?
2. The Sherpa people are famous for the work they do. What do you think they do?
3. In Lesson A, you learned about some of the ways globalization is affecting job markets and workers. How do you think globalization is affecting the lives and work of the Sherpa people?

WHILE VIEWING

B ▶ 1.9 Watch the introduction of the video, given by mountain climber and National Geographic Explorer Conrad Anker. Complete the notes. Write no more than two words or a number in each blank.

The Sherpa People

The Sherpa people	→	One of 70 ethnic groups w/in _____1
Migrated from	→	_____2
Meaning of "Sherpa"	→	_____3
Activity connected to	→	_____4
Year Sherpa culture changed	→	_____5, the year Tenzing Norgay and Sir Edmund Hillary _____6

C ▶ 1.10 Watch the entire video. Match each idea with the speaker who expresses it.

1. _____ Karma Tsering
2. _____ Conrad Anker
3. _____ Max Lowe
4. _____ Kancha Sherpa
5. _____ Mahendra Kathet

a. Sherpa education, healthcare, and clothing have all improved.
b. Sherpa can earn enough money, although life feels hurried.
c. Sherpa society has become much more connected than before.
d. Many Sherpa people are ambitious and seek success abroad.
e. Sherpas learned a modern skill thanks to a foreigner's gift.

D ▶ 1.10 Watch the video again and choose the correct answer.

1. Sir Edmund Hillary rewarded his Sherpa guides with watches as _____ .
   a. payment
   b. a bonus
   c. a prize
2. In terms of health care, the Sherpa now have _____ and medical clinics.
   a. an eye doctor
   b. a dentist
   c. a pharmacy
3. The only issue Kancha Sherpa is concerned about is _____ .
   a. making money
   b. dealing with tourists
   c. global warming
4. Some believe that people are losing the ability to focus on _____ .
   a. true happiness
   b. the tourist trade
   c. mountain climbing
5. An increase in food _____ has led to healthier diets.
   a. diversity
   b. production
   c. education
6. You can now use a cell phone _____ Mount Everest.
   a. at the top of
   b. from anywhere on
   c. at the base camp of

AFTER VIEWING

> **CRITICAL THINKING** Evaluating
>
> When you evaluate, you make a judgment based on criteria. To evaluate situations or concepts, make sure you have a good understanding of the criteria you are using. This will allow you to explain your evaluation more clearly to other people. Highlight your evaluation criteria by beginning with one of these expressions:
>
> *In terms of [diet], …*   *With regard to [culture], …*   *As far as [education] goes, …*

E Work in a small group. Use the criteria below to evaluate this statement: *Since 1953, Sherpa life has changed for the better.*

physical well-being   technological level   traditions and culture

Vocabulary

A 🎧 2.5 Listen and check (✓) the words you already know. Use a dictionary to help you with any new words.

☐ **anticipate** (v)   ☐ **emerging** (adj)   ☐ **influential** (adj)   ☐ **portable** (adj)

☐ **application** (n)   ☐ **enrich** (v)   ☐ **mass** (adj)   ☐ **prominent** (adj)

☐ **collaborate** (v)   ☐ **implication** (n)

CRITICAL THINKING:
ANALYZING

B Read the definition of *augment*. Then read the "Revealed World" section in the article below. What do you think *augmented reality* means? Discuss your ideas with a partner.

augment (v): to make something larger, stronger, or more effective by adding to it

C 🎧 2.6 Complete the article with words from exercise A. Use the correct form of the words. Then listen and check your answers.

THE WORLD OF AUGMENTED REALITY

Augmented reality is one of the most promising and _____ global trends of recent years. This much-talked-about _____ technology is most often used to _____ the reality we see through a cell phone or other _____ device with fun or useful information, images, sounds, or videos. Some _____ of augmented reality that are already being widely used include apps that highlight and display information about restaurants, historic sites, museum exhibits, or where you parked your car. A variety of outdoor games use the technology to allow players to _____ as they hunt for digital objects. Among such games, Pokémon Go is the most _____ example; it has introduced augmented reality to a _____ audience. The augmented reality experience is also available through special eyewear or headsets, and soon even contact lenses. As we look toward the future, we _____ many more uses for this promising technology with _____ for nearly every aspect of life in the years to come.

Revealed World

Imagine bubbles floating before your eyes, filled with cool info about stuff you see on the street. Science fiction? Nope. It's augmented reality. And one day it'll be as routine as browsing the Web.

2009 Smart phone   2012 Eyewear   2020? Contact lenses

D Complete the chart with the correct form of each word. Use a dictionary to help you.

	Noun	Verb	Adjective
1.		collaborate	
2.	implication		
3.			influential
4.		anticipate	
5.		X	prominent
6.		emerge	

E Work with a partner. Discuss these questions.

1. Look at the photo below and read the caption. What is another way that augmented reality could enrich a museum experience?

2. Would you prefer to access the Internet via glasses or a headset? Explain.

3. Do you think that augmented reality will continue to generate mass interest? What future uses for this emerging technology do you anticipate?

4. Do all uses of augmented reality enrich our lives? Or are there any negative implications of the mass use of this technology? Explain.

CRITICAL THINKING:
EVALUATING

▼ **Augmented reality adds another level of information to museum exhibits. Dinosaur bones get a layer of flesh and the ability to move around at the Royal Ontario Museum, Canada.**
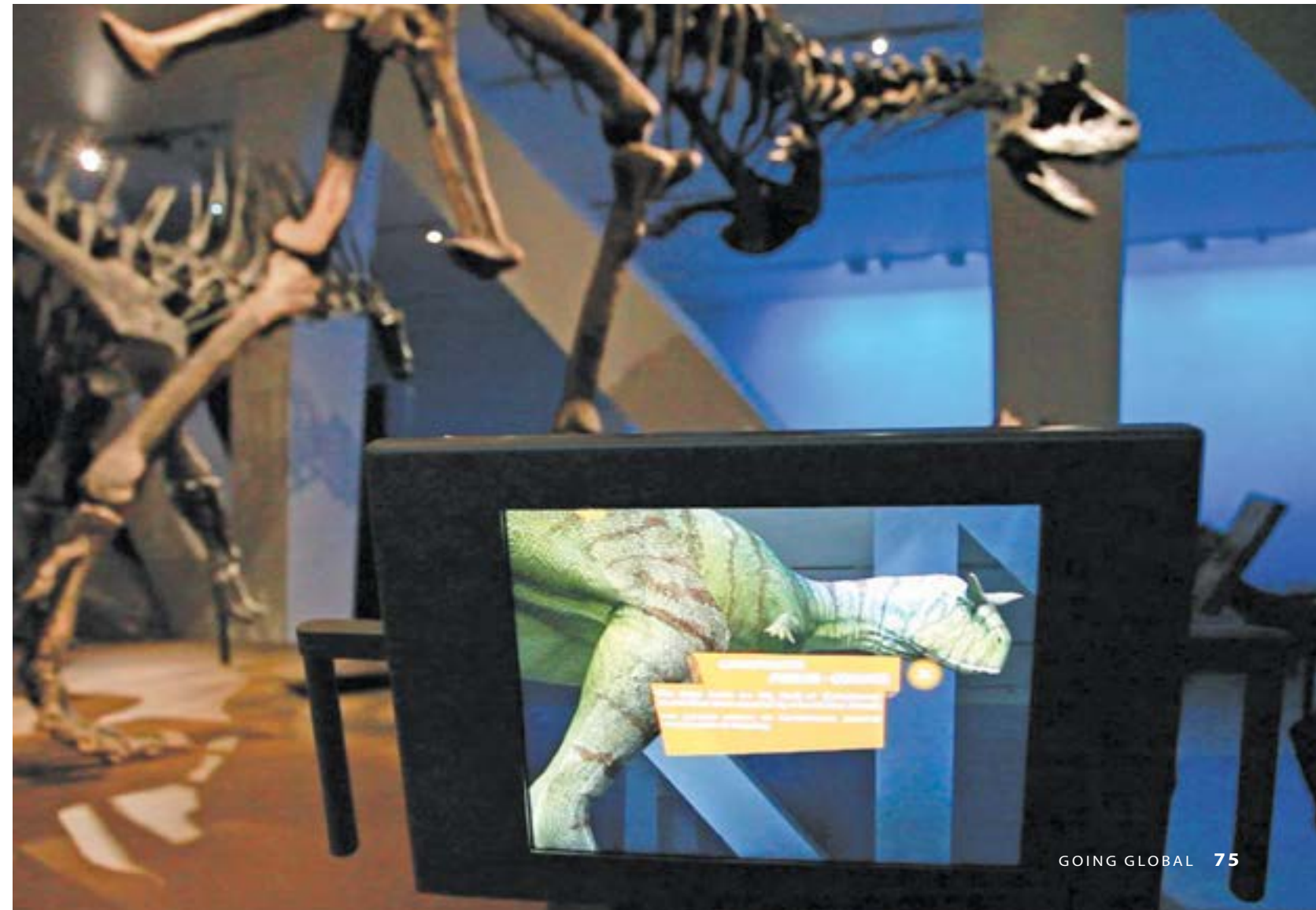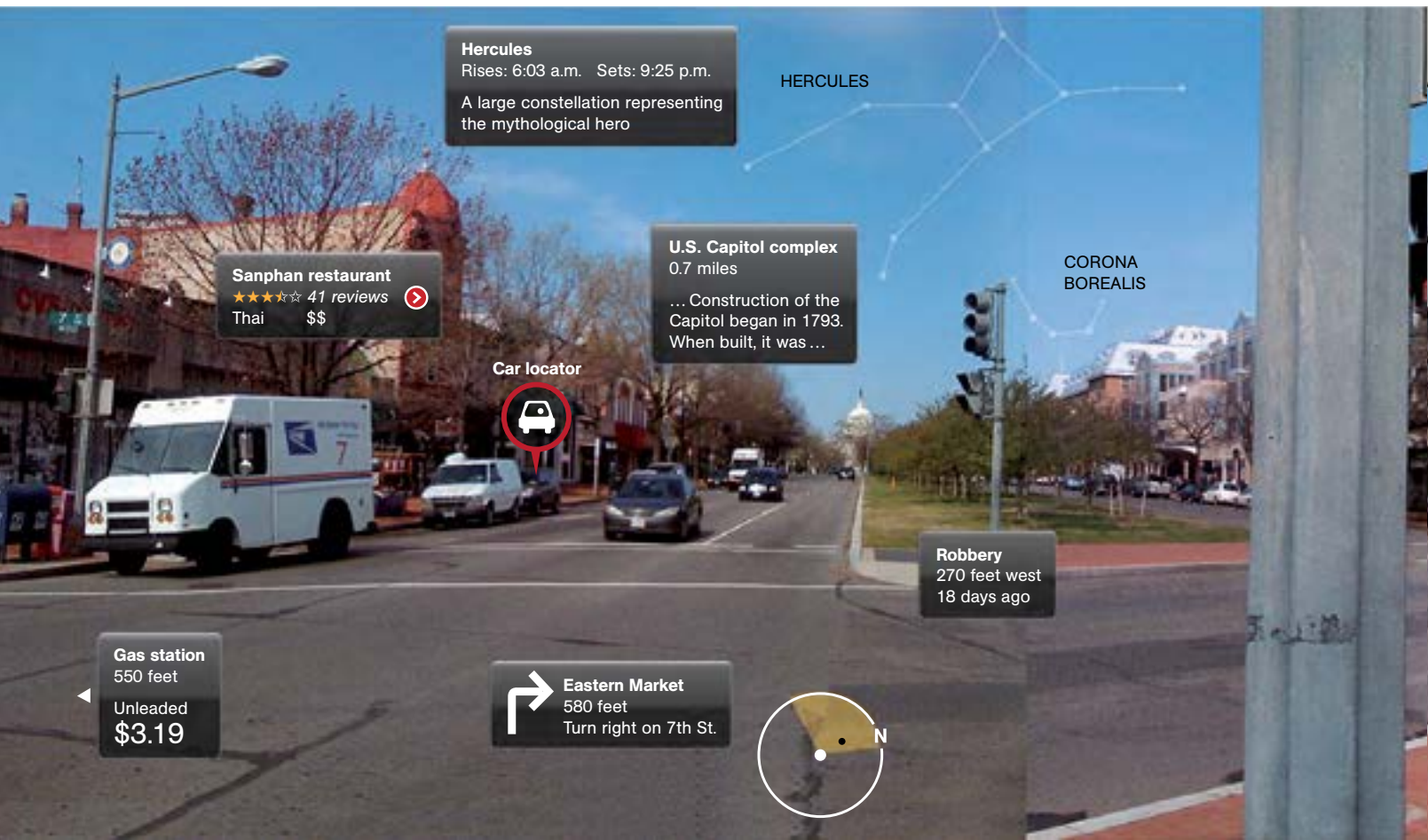
B Listening — A Podcast about Augmented Reality

BEFORE LISTENING

CRITICAL THINKING:
INTERPRETING
VISUALS

A Work with a partner. Discuss these questions.

1. Where might you see an image like the one below?
2. What kinds of information are available in the image?

Hercules
Rises: 6:03 a.m.   Sets: 9:25 p.m.
A large constellation representing the mythological hero

HERCULES

CORONA
BOREALIS

Sanphan restaurant
★★★½☆ *41 reviews*
Thai $$

U.S. Capitol complex
0.7 miles
… Construction of the Capitol began in 1793. When built, it was …

Car locator

Robbery
270 feet west
18 days ago

Gas station
550 feet
Unleaded
$3.19

Eastern Market
580 feet
Turn right on 7th St.

N

WHILE LISTENING

LISTENING FOR
MAIN IDEAS

B 🎧 2.7 Listen to a podcast about augmented reality (AR). Check (✓) the two main ideas the speakers discuss.

1. ☐ AR is a useful technology with many different applications.
2. ☐ AR's popularity has contributed to the widespread use of portable devices.
3. ☐ AR is useful when deciding which pieces of furniture to purchase.
4. ☐ AR facilitates the globalization of culture through popular games.
5. ☐ Pokémon Go's popularity has unquestionably benefited local economies.

LISTENING FOR
DETAILS

C 🎧 2.7 Listen again and complete the outline. Write no more than two words in each blank.

I. Intro to AR—an emerging trend in tech
   A. Combines info/images w/the _____ 1
   B. Later, AR will integrate sounds

II. AR has importnt implications for globalization of bus.
   A. Potential to enrich _____ 2
   B. Could imitate facial _____ 3 & glances

III. More ppl using AR → more affordable
   A. In industry, machines marked w/ _____ 4
   B. Shopping for furniture—see how looks in room

IV. Pokémon GO
   A. More _____ 5 than Facebook/Twitter in 1 yr
   B. How to play
      1. Look for animated _____ 6 (i.e., Pokémon)
      2. Goal: capture them in your _____ 7
   C. Reasons for success
      1. Pokémon was already a _____ 8 brand
      2. Ppl felt better walking around outside
      3. Chances for _____ 9 other ppl
   D. The business side
      1. Has pwr to make areas or _____ 10
      2. Hunters may want to buy snacks, drinks, etc.

AFTER LISTENING

D Work in a small group. Discuss these questions. Use your notes from exercise C to help you.

CRITICAL THINKING:
REFLECTING

1. What is an application of AR that would improve your own life? Explain.
2. Some believe that games that are played worldwide, such as Pokémon GO, have contributed to the globalization of culture. Others see them as global fads that have no significant impact. What is your view?
3. What are some of the benefits of the globalization of culture? What are some of the drawbacks?

B Speaking

🎧 2.8 We sometimes use parenthetical expressions to help clarify our ideas. We separate them with a short pause before and after. The intonation of these expressions begins a bit lower than the phrase before the interruption and rises slightly at the end. This prepares the listener for the continuation of the interrupted sentence.

*Augmented reality, **or AR as it's often called**, has been a prominent trend in recent years …*

*They can join meetings by phone, **which is great**, but it's not the same as being there.*

A 🎧 2.9 Underline the parenthetical expression in each sentence. Then listen and check your work. With a partner, practice saying these sentences, using correct intonation and pauses with the parentheticals.

1. That car service, though convenient and affordable, is taking jobs away from taxi drivers everywhere.
2. Pokémon GO is, at least for now, a wildly popular augmented reality game.
3. Wearable technology, despite all the advertising, hasn't had the mass appeal we'd anticipated.
4. Bollywood-style dance classes, believe it or not, are a growing trend in many places.
5. Digital art that is created for use on the Internet is sometimes, in my opinion, extremely stunning.
6. Robots and other machines, although they are undeniably useful, are causing some people to lose their jobs.
7. People born between 1982 and 2004, sometimes called "millennials," are skilled at using social media to collaborate.
8. The increase in injuries to teens, which few anticipated, is linked to the global extreme sports trend.

B Work with a partner. Make five statements about topics from popular culture (movies, TV, music, sports, fashion, technology, etc.) using the parenthetical expressions in the box below or ones of your own. Use correct intonation and pauses.

A: *Robert Downey, Jr., I think you'll agree, is a really great actor.*
B: *Oh, definitely. He was in the* Iron Man *movies, which I love, and in* Spiderman.

I think you'll agree	though I've never tried it	believe it or not
in my opinion	which I love	as far as I'm concerned

C Work in a small group. Read about four emerging global trends. Then discuss the benefits and drawbacks these trends could have on people, businesses, or organizations.

CRITICAL THINKING: ANALYZING

A: *Synthetic food could inevitably save the lives of millions of animals.*
B: *That's true, but would it be healthy to eat? It could have some negative effects on people who eat it, couldn't it?*

1. **Synthetic food:** Plant-based meat replacements and meat grown in laboratories without harming animals will be coming to grocery stores.
2. **Virtual reality (VR):** You will be able to watch live shows and concerts and feel as if you're actually there without leaving your living room.
3. **Self-driving cars:** Companies like Tesla and Uber are creating systems that will eliminate the need for drivers and reduce the number of road accidents.
4. **Artificial art:** Computers are already writing songs and will soon be creating movies, paintings, novels, and poetry.
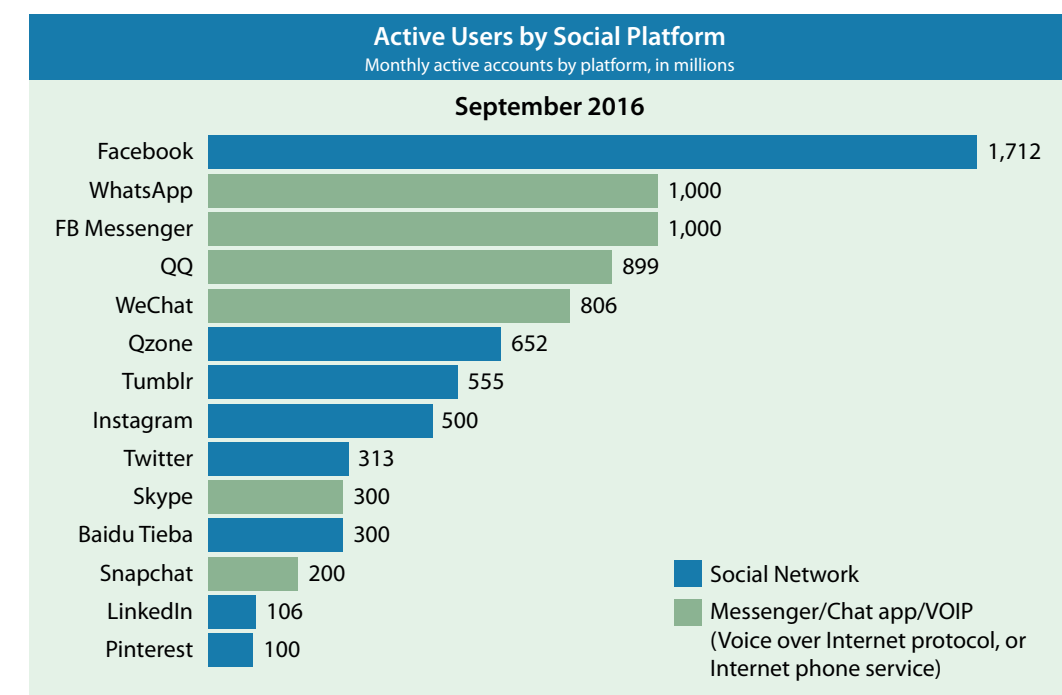
FINAL TASK Evaluating a Social Media Platform

You are going to research a social media platform, evaluate its importance for globalization, and present your findings to your group.

A Work in a small group. Look at the bar graph and discuss these questions.

CRITICAL THINKING: INTERPRETING A GRAPH

1. How are the social media platforms ranked in the chart?
2. What do the different bar colors represent?
3. Which of the platforms have you heard of? Which have you used?

Active Users by Social Platform
Monthly active accounts by platform, in millions

September 2016

Platform	Users
Facebook	1,712
WhatsApp	1,000
FB Messenger	1,000
QQ	899
WeChat	806
Qzone	652
Tumblr	555
Instagram	500
Twitter	313
Skype	300
Baidu Tieba	300
Snapchat	200
LinkedIn	106
Pinterest	100

■ Social Network
■ Messenger/Chat app/VOIP (Voice over Internet protocol, or Internet phone service)

B Choose a platform from the graph in exercise A or another to research. Then prepare a presentation using the outline below.

I. Introduction

  A. A brief description of the platform

  B. A brief history of the platform

II. The Business Side

  A. How does it make money?

  B. Who are its competitors?

  C. How does it compare with its competitors? What are the similarities and differences?

III. Globalization

  A. Where is it most popular?

  B. How does the platform facilitate globalization?

IV. The Future

  A. Is the platform currently becoming more or less popular?

  B. How will the platform likely change in the future?

PRESENTATION SKILL Managing Nervousness

It is normal to be a little nervous at the beginning of a presentation. Because the first impression you make on your audience is important, learn to manage any nervousness. First of all, remember to breathe and be as natural as you can. Make an effort to speak slowly and calmly. Memorizing the first few sentences you plan to say can sometimes help. Soon you will feel more comfortable and confident.

PRESENTING **C** Present your platform to your group. Notice which strategy you use to manage nervousness. When you finish, answer any questions.

REFLECTION

1. What information that you learned in this unit is likely to be the most useful to you? Why and how?

2. What trend in the unit did you find the most interesting?

3. Here are the vocabulary words and phrases from the unit. Check (✔) the ones you can use.

☐ anticipate AWL   ☐ facilitate AWL   ☐ portable
☐ application   ☐ implication AWL   ☐ prominent
☐ collaborate   ☐ inevitably AWL   ☐ promising
☐ competence   ☐ influential   ☐ retain AWL
☐ component AWL   ☐ labor AWL   ☐ sector AWL
☐ emerging AWL   ☐ mass   ☐ widespread AWL
☐ enrich   ☐ pertain to

GOING GLOBAL 4

Visual artist Chris Milk hosts the largest collective viewing of virtual reality during his TED Talk in Vancouver, Canada, 2016.

ACADEMIC SKILLS

LISTENING   Listening for Advantages
         Using Columns
SPEAKING   Defining Terms
         Saying Parentheticals
CRITICAL THINKING   Evaluating

THINK AND DISCUSS

1 What do you think these people are seeing or experiencing?
2 How do you think a virtual reality experience is different from usual viewing?
3 What would you like to view with virtual reality glasses?