

UNIT	READING	VOCABULARY	WRITING	GRAMMAR	GLOBAL SKILLS	UNIT ASSIGNMENT
1 SOCIAL SCIENCES How can we contribute to our communities?	Reading 1: We Can All Be Good Role Models (p4) • Previewing and predicting (p4) Reading 2: Everyday Heroes (p11) ▶ Video: Volunteer Hairdresser (p17)	• Using the dictionary (p18)	• Organizing and developing an analysis essay (p20)	• Restrictive relative clauses (p24)	• Critical Thinking: Ordering ideas (p22) • Intercultural Competence: Reflecting on cultural values (p26)	• Write an analysis essay (p26)
2 ENVIRONMENTAL STUDIES How do we live with climate change?	Reading 1: How Cities Are Preparing for Rising Sea Levels (p32) • Highlighting and annotating (p37) Reading 2: Sustainable Buildings (p39) ▶ Video: Hurricane Katrina (p46)	• Word forms (p47)	• Writing a descriptive essay (p49)	• Definite and indefinite articles (p54)	• Critical Thinking: Discussing ideas (p44) • Creativity: Thinking creatively to support sustainability (p56)	• Write a descriptive essay (p56)
3 PSYCHOLOGY How do we make and keep connections?	Reading 1: The Difference Between Fitting in and Belonging, and Why It Matters (p62) • Making inferences (p67) Reading 2: We All Need Friends (p69) ▶ Video: Best Friend Challenge (p75)	• Prefixes and suffixes (p76)	• Writing a narrative essay and varying sentence patterns (p78)	• Past perfect and past perfect continuous (p84)	• Critical Thinking: Relating to the reading (p66) • Communication: Resolving conflicts (p86)	• Write a narrative essay (p86)
4 TECHNOLOGY How can science improve lives?	Reading 1: Five Innovative Technologies That Bring Energy to the Developing World (p92) • Understanding comparisons and contrasts (p98) Reading 2: This Device Pulls Water Out of Desert Air (p99) ▶ Video: Geoengineering (p105)	• Using the dictionary to distinguish between homonyms (p107)	• Writing a compare-and-contrast essay (p110)	• Subordinators and transitions to compare and contrast (p114)	• Critical Thinking: Categorizing information (p96) • Learning to Learn: Cultivating curiosity (p116)	• Write a compare-and-contrast essay (p116)
5 HEALTH SCIENCES Should science influence what we eat?	Reading 1: Eating Well: Less Science, More Common Sense (p122) • Recognizing bias (p127) Reading 2: A Personalized Nutrition Company Will Use Your DNA to Tell You What to Eat (p130) ▶ Video: Vitamin Deficiencies (p136)	• Cause-and-effect collocations (p137)	• Writing a cause-and-effect essay (p139)	• Agents with the passive voice (p143)	• Critical Thinking: Analyzing texts for cause-and-effect relationships (p129) • Digital Literacies: Evaluating food and health technology (p144)	• Write a cause-and-effect essay (p144)
6 BIOLOGICAL SCIENCES How does the brain work?	Reading 1: Connectomes: What Are They? (p150) • Using an outline (p156) Reading 2: Can the Body Control the Brain? (p158) ▶ Video: Phineas Gage (p164)	• Collocations with nouns (p165)	• Reported speech with the present tense and shifting tenses (p167)	• Writing a summary (p170)	• Critical Thinking: Justifying your opinions (p155) • Communication: Using your own words (p174)	• Write a summary (p174)
7 INTERNATIONAL RELATIONS Can we solve the global water crisis?	Reading 1: Water Scarcity: Causes and Cooperation (p180) • Recognizing facts and opinions (p186) Reading 2: Desalination of Ocean Water (p187) ▶ Video: Water for Life (p193)	• Word roots (p195)	• Writing an opinion essay (p197)	• Adverb phrases of reason (p201)	• Critical Thinking: Synthesizing information (p194) • Communication: Giving written feedback (p203)	• Write an opinion essay (p203)
8 ENGINEERING Can learning from mistakes advance human knowledge?	Reading 1: Lessons Learned: the Tacoma Narrows Bridge Collapse (p208) • Identifying counterarguments and refutations (p215) Reading 2: The Engineering for People Design Challenge (p217) ▶ Video: Things I've Learned About Failure (p223)	• Collocations with prepositions (p224)	• Writing a persuasive essay (p226)	• Adverb clauses of concession (p230)	• Critical Thinking: Hypothesizing (p214) • Learning to Learn: Developing a growth mindset (p232)	• Write a persuasive essay (p232)