

Scope and Sequence



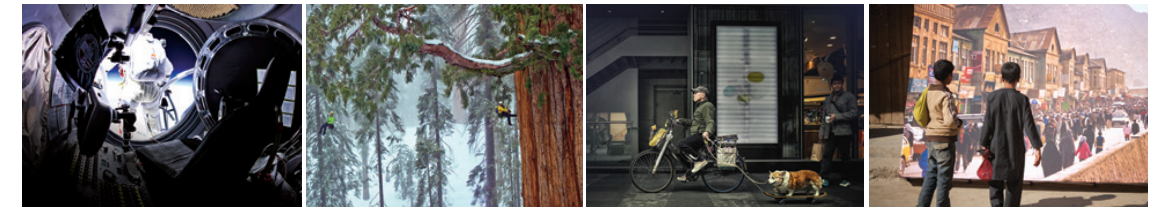
1 Pushing the Limits p. 8

2 It Takes a Village p. 24

3 Food Matters p. 42

4 The Footprint of Fun p. 58

THEME	Pushing mental and physical limits	Digital humanitarianism and crowdsourcing	Food sustainability	The environmental impact of entertainment
VOCABULARY STRATEGIES	· Prefix <i>un-</i> · Use a dictionary	· Suffixes <i>-ion, -tion</i> · Identify parts of speech	· Borrowed words · Use context of unit	· Prefix <i>pro-</i> · Use context of sentence
SPEAKING STRATEGY	Showing interest in a conversation	Making suggestions and agreeing or disagreeing	Offering advice and accepting or declining advice	Defending your opinion
GRAMMAR	Embedded clauses, questions, and commands <i>I think extreme sports are dangerous.</i> Adding emphasis <i>The reason (why) I won't go surfing is that I don't like swimming in the ocean.</i>	Future tenses: Describing events in the future <i>Over the next few years, people will look online to find volunteers to help with disaster relief.</i> Quantifiers: Expressing amounts <i>Half of/Fifty percent of the world's population is . . .</i>	Mixed conditionals: Expressing how things would be different <i>If I hadn't learned about overfishing, I would still be eating tuna.</i> Double comparatives: Describing outcomes <i>The more people there are in the world, the more food we need to produce.</i>	Passives: Describing actions and processes <i>What has been done by musicians to reduce their ecological footprint?</i> Verbs followed by gerunds or infinitives <i>Parks must continue coming up with/to come up with ways to reuse water.</i>
READING	<i>No Limits</i>	<i>Focus on the Future</i>	<i>Grow It Here, Eat It Here</i>	<i>Game Over</i>
READING STRATEGY	Summarize	Use text features for comprehension	Connect text to prior knowledge	Identify author's purpose
VIDEO	<i>A Tribute to Discomfort</i>	<i>Crisis Mapping</i>	<i>Should We Eat More Bugs?</i>	<i>The Footprint of Fans</i>
WRITING	Genre: Biography Focus: Identify chronological order	Genre: Persuasive essay Focus: Express point of view	Genre: Restaurant review Focus: Use facts and opinions to review	Genre: Problem and solution essay Focus: Present facts and personal reflection
MISSION	Test Your Limits National Geographic Photography Fellow: Cory Richards , Photojournalist	Do Your Part National Geographic Explorer: Patrick Meier , Crisis Mapper	Know Your Food National Geographic Explorer: Barton Seaver , Chef/Conservationist	Reduce Your Footprint National Geographic Ambassador to the Arts: Jack Johnson , Musician
PRONUNCIATION	Intonation in embedded yes/no questions	Stress in compound nouns	The letter <i>t</i> between vowels	Expressing emotions with intonation
EXPRESS YOURSELF	Creative Expression: Graphic novel <i>The Adventures of Crisis Crusher</i> Making connections: Pushing limits while working to help others		Creative Expression: Online invitation <i>Reduce, Reuse, Recycle, Rock!</i> Making connections: Sustainable eating and fun	



5 Why We Explore p. 76

6 Giants p. 92

7 Creative Problem-Solving p. 110

8 Art Connections p. 126

THEME	Why it's important to explore	Giant plants and animals of the past and present	Problems and how people creatively solve them	Art and our connection to it
VOCABULARY STRATEGIES	· Prefix <i>en-</i> · Use pronunciation	· Synonyms and antonyms · Use word parts	· Latin roots (<i>nov, flex</i>) · Identify antonyms	· Suffixes <i>-ic, -ive</i> · Identify collocations
SPEAKING STRATEGY	Hesitating or buying time when answering questions	Speculating about the past and the future	Asking someone to defend an opinion	Interpreting and expressing understanding
GRAMMAR	Narrative tenses: Telling a story <i>Barrington Irving had been preparing to become a pilot since he was 15.</i> Geographic use of the <i>I'm going to the Himalayas to climb Mt. Everest.</i>	Relative clauses: Defining and describing <i>Megalodon, which was a fierce predator, was able to catch the largest whales.</i> Reduction of relative clauses <i>My brother, (who is) a filmmaker, created a documentary about manta rays.</i>	Wish and if only: Expressing wishes and regrets <i>I wish I were at the technology fair right now.</i> Adverbs: Expressing different levels of intensity <i>Inventor Kelvin Doe is so clever. But he is rather shy.</i>	Reported speech: Describing what others say <i>He suggested that art should reflect the world we live in.</i> Two- and three-word verbs <i>Artists want to draw their viewers in. A true artist comes up with unique ways to express herself.</i>
READING	<i>The Explorer Gene</i>	<i>Discovering Spinosaurus</i>	<i>Great Failures</i>	<i>Microscopic Marvels</i>
READING STRATEGY	Make a personal connection	Make inferences	Take notes	Ask questions about a text
VIDEO	<i>Why Is It Important to Explore?</i>	<i>Super Tree</i>	<i>Sanga's Solution</i>	<i>A Photographer's Life</i>
WRITING	Genre: Compare and contrast essay Focus: Use transitions to compare	Genre: News report Focus: Include answers to the 5 Ws and How	Genre: Exemplification essay Focus: Use relevant examples to explain a topic	Genre: Art review Focus: Answer key questions to provide facts and opinions
MISSION	Learn by Doing National Geographic Explorer: Corey Jaskolski , Engineer/Inventor	Make Big Plans National Geographic Explorer: Nizar Ibrahim , Paleontologist	Don't Give Up National Geographic Explorer: Tan Le , Innovator/Entrepreneur	Connect Through Art National Geographic Photographer: Stephen Alvarez
PRONUNCIATION	Sounds of letter <i>x</i>	Pausing: Relative clauses	Variations in stress and intonation	Stress with two- and three-word verbs
EXPRESS YOURSELF	Creative Expression: Science-fiction story <i>A Journey to the Center of the Earth</i> Making connections: Exploration and discovery and giants past and present		Creative Expression: Contest <i>Droidganizer</i> Making connections: Creative problem-solving and art	