

Scope and Sequence - Impact Foundations



1 Family Matters

page 26



2 A Different Education

page 42



3 Robots and Us

page 60



4 Part of Nature

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THEME	Family and traditions	Schools around the world	People interacting with technology	People and animals and their place in nature
VOCABULARY STRATEGY	Adjective + dependent preposition	Antonyms	The <i>-able</i> ending	Compound words
SPEAKING STRATEGY	Asking and answering personal questions	Talking about likes and dislikes	Reacting	Checking facts
GRAMMAR	<p>Be and have got: <i>I'm friendly, but my sister isn't.</i></p> <p>Countable and uncountable nouns: <i>Are there any biscuits in the cupboard? Yes, there are. Is there any water in the bottle? Yes, there is.</i></p>	<p>Present simple: Talking about routines, habits and permanent states <i>She doesn't have lunch at school. She goes home for lunch.</i></p> <p>Adverbs of frequency: Saying how often you do something <i>I rarely forget to do my homework.</i></p>	<p>Can and can't: Talking about ability <i>My robot can talk, but it can't open doors.</i></p> <p>Should and shouldn't: Giving advice <i>They should study for this maths test. You shouldn't buy this robot. It's very expensive.</i></p>	<p>Quantifiers: Talking and asking about quantity <i>How many different kinds of camels are there? There are two kinds of camels.</i></p> <p>Adverbs: Saying how you do something <i>Elephants can swim very well. The three-toed sloth moves very slowly.</i></p>
READING	<i>Breakfast in Four Countries</i>	<i>Growth Mindset</i>	<i>Girls Can Code</i>	<i>A Wild Animal Isn't a Pet</i>
READING STRATEGY	Make predictions based on visuals	Identify the main idea	Identify the main point of a paragraph	Identify sequence of events
VIDEO	<i>Celebrating the Dead</i>	<i>Education Around the World</i>	<i>Squishy Robot Fingers</i>	<i>Into the Real Wild: Photographing Pandas with Ami Vitale</i>
MISSION	<p>Discover Your Values</p> <p>National Geographic Explorer: Max Lowe, Photographer/Writer</p>	<p>Believe in Yourself</p> <p>National Geographic Explorers: Dave and Amy Freeman, Adventurers/Educators</p>	<p>Change the World</p> <p>National Geographic Explorer: Chad Jenkins, Computer Scientist/Robotist</p>	<p>Use Your Skills</p> <p>National Geographic Explorer: Juliana Machado Ferreira, Conservation Biologist</p>
WRITING	<p>Genre: Personal description</p> <p>Focus: Connect and contrast</p>	<p>Genre: Sequencing paragraph</p> <p>Focus: Use sequencing words</p>	<p>Genre: Contrast paragraph</p> <p>Focus: Use contrast words</p>	<p>Genre: Fact sheet</p> <p>Focus: Categorise and label information</p>
PRONUNCIATION	Syllables and stress	The third person <i>-s</i> and <i>-es</i> endings	The <i>th</i> sound	Short vowel sounds
EXPRESS YOURSELF	Creative Expression: Text messages <i>World Food Day</i>		Creative Expression: Advertisement <i>Robotosaurus Rex</i>	
	Making connections: Family, food and school		Making connections: Robots and animals	



5 Water

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6 The City: Past, Present and Future

page 110



7 Amazing Space

page 128



8 See the World

page 144

THEME	How to protect and preserve water	Architecture, photography and preservation of cities	Space and technology	Travel and holidays
VOCABULARY STRATEGY	Prefix <i>un-</i>	Collocations with <i>take</i>	Upper vs. lower case	Suffix <i>-ist</i>
SPEAKING STRATEGY	Brainstorming solutions	Expressing opinions and responding to them	Making and responding to suggestions	Asking for and giving directions
GRAMMAR	<p>Present continuous: Talking about what is happening now and about things that always happen <i>My brother is always having long showers!</i></p> <p>There was and There were: Talking about the past <i>There were a lot of dead fish in the river.</i></p>	<p>Past simple: Talking about the past <i>They took photos of a temple, a church and a castle there.</i></p> <p>Past simple: Asking questions about the past <i>Where did you go last summer? We went to Beijing. We didn't fly there. We went by train.</i></p>	<p>Comparatives: Comparing two things <i>Saturn is much bigger than Earth, but it's smaller than Jupiter.</i></p> <p>Superlatives: Comparing three or more things <i>Jupiter is bigger than Saturn, but the biggest object in our solar system is the sun.</i></p>	<p>Going to: Describing future plans <i>What are you going to do for your birthday?</i></p> <p>In, on and at: Saying when things happen <i>On Friday, we're going to fly to Prague.</i></p>
READING	<i>An Ocean of Plastic</i>	<i>Queen of the Curve</i>	<i>Satellites Above</i>	<i>Kite-skiing in the Arctic</i>
READING STRATEGY	Look for examples and explanations	Identify author's purpose	Connect text to prior knowledge	Visualise
VIDEO	<i>Boyan's Big Idea</i>	<i>Preserving Our Heritage with Ross Davison</i>	<i>The Electric Wind of Venus</i>	<i>Student Expedition: Tanzania</i>
MISSION	<p>Protect Our Water</p> <p>National Geographic Explorer: Osvel Hinojosa Huerta, Conservationist</p>	<p>Know Your History</p> <p>National Geographic Explorer: Ross Davison, Heritage Conservationist</p>	<p>Think Like a Scientist</p> <p>National Geographic Explorer: Brendan Mullan, Astrobiologist</p>	<p>Get Outside!</p> <p>National Geographic Explorer: Sarah McNair-Landry, Adventurer/Cinematographer</p>
WRITING	<p>Genre: Persuasive paragraph</p> <p>Focus: Use persuasive phrases to give advice</p>	<p>Genre: Paragraph of opinion</p> <p>Focus: Give reasons to support your opinion</p>	<p>Genre: Compare and contrast paragraph</p> <p>Focus: Use words for comparison and contrast</p>	<p>Genre: Blog post</p> <p>Focus: Identify and include parts of a blog</p>
PRONUNCIATION	Long vowel sounds	The <i>n</i> and <i>ng</i> sounds	The soft and hard <i>g</i> sounds	Silent letters
EXPRESS YOURSELF	Creative Expression: Tour description <i>A Tour of Thun, Switzerland</i>		Creative Expression: Blog <i>Welcome to Haneul's Awesome Blogging World</i>	
	Making connections: Water, buildings and history		Making connections: Space and travel	

Scope and Sequence - Impact 1



1 Life in the City

page 8

2 Amazing Jobs

page 24

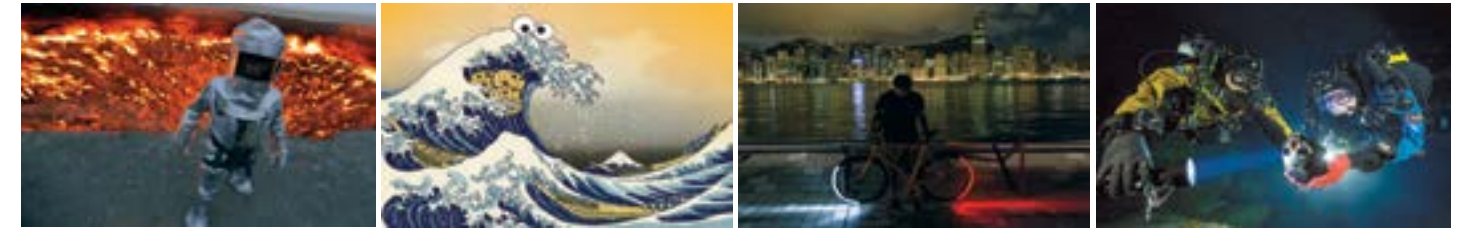
3 Secrets of the Dark

page 42

4 Living Together

page 58

THEME	Exploring your city or town	Unusual and interesting careers	The world at night	Animal and human interaction
VOCABULARY STRATEGIES	· Prefix <i>un-</i> · Use context	· Suffixes <i>-er</i> , <i>-or</i> and <i>-ist</i> · Identify word parts (suffixes)	· Compound words · Use a dictionary: Most common meaning	· Prefix <i>mis-</i> · Identify collocations
SPEAKING STRATEGY	Active listening	Extending the conversation	Asking for help and helping with schoolwork	Asking for and giving reasons
GRAMMAR	Present simple: Talking about facts <i>I live near the High Line.</i> In and on: Expressing location <i>Lion City is in eastern China.</i>	Present simple questions and answers: Talking about routines <i>Do pastry chefs work every day? Yes, they do. / No, they don't.</i> Possessives: Showing ownership <i>This dentist's job isn't done in an office.</i>	Present continuous: Saying what is happening now <i>While I'm reading in bed at night in Mexico, my friend Akiko is reading at school in Japan!</i> At, on and in: Saying when things happen <i>at eight o'clock, on Monday(s), in the winter</i>	Modals: Describing obligation and advice <i>We have to protect rhinos. We shouldn't ignore the rhino problem.</i> Modals: Describing ability in the present and the past <i>What can we do about it? How could they avoid cars?</i>
READING	<i>A New Type of Park</i>	<i>Adventures Near and Far</i>	<i>In the Dark of the Ocean</i>	<i>Four-legged heroes</i>
READING STRATEGY	Make predictions	Compare and contrast	Scan the text	Identify problems and solutions
VIDEO	<i>Mission Re-Wild</i>	<i>Searching for Life in Iceland's Fissures</i>	<i>What Glows Beneath</i>	<i>The Elephant Whisperers</i>
WRITING	Genre: Descriptive paragraph Focus: Use adjectives	Genre: Descriptive paragraph Focus: Identify and include elements of a paragraph	Genre: Descriptive paragraph Focus: Use sensory writing	Genre: Descriptive paragraph Focus: Proofread
MISSION	Explore Your World National Geographic Explorer: Daniel Raven-Ellison , Guerilla Geographer	Do What You Love National Geographic Explorer: Guillermo de Anda , Underwater Archaeologist	Understand and Protect National Geographic Explorer: David Gruber , Marine Biologist	Start Small National Geographic Explorer: Amy Dickman , Animal Conservationist
PRONUNCIATION	Syllables and stress	Intonation in questions	Present continuous: Stress of the verb <i>be</i>	<i>Can</i> and <i>can't</i>
EXPRESS YOURSELF	Creative Expression: Travel review <i>Gondola Tours of Venice</i> Making connections: Unusual places and unusual jobs	Creative Expression: Graphic story <i>Sleeping with a Lion</i> Making connections: Interactions between humans and animals at night		



5 What We Wear

page 76

6 Mix and Mash

page 92

7 Cool Apps and Gadgets

page 110

8 Into the Past

page 126

THEME	Clothing and accessories throughout history	Mash-ups	Useful and interesting technology	Exploring the distant past
VOCABULARY STRATEGIES	· Prefix <i>re-</i> · Use a dictionary: Pronunciation	· Multiple-meaning words · Use context: Examples	· Suffix <i>-ible</i> · Identify parts of speech	· Suffix <i>-ful</i> · Context clues: Definitions and examples
SPEAKING STRATEGY	Asking for opinions; Agreeing and disagreeing	Clarifying a point	Making and responding to requests	Talking about likes and dislikes
GRAMMAR	Past simple: Saying what happened <i>Ancient Greek women preferred golden hair to dark hair.</i> Past simple: Saying what happened <i>Doctors wore special protective suits.</i>	Adjectives: Comparing two or more things <i>Underwater hockey is more difficult than field hockey.</i> Countable and uncountable nouns: Talking about amounts <i>Some meals are a mix of food from different cultures.</i>	Superlatives: Talking about extremes <i>The newest version of this game is going to be amazing.</i> Will and going to: Talking about the future <i>People won't talk to each other on smartphones anymore.</i>	Present perfect: Describing a past action that still continues <i>Games have always been a popular activity.</i> There + to be: Expressing existence at different points in time <i>There have always been sun celebrations around the world.</i>
READING	<i>Jewellery Talks</i>	<i>A Feast for the Eyes</i>	<i>Thinking Outside the Box</i>	<i>Growing Up: Then and Now</i>
READING STRATEGY	Make a personal connection	Visualise	Identify main idea and details	Identify cause and effect
VIDEO	<i>What to Wear</i>	<i>What's in a Mash-Up?</i>	<i>From Gadgets to Apps</i>	<i>A Journey Back in Time</i>
WRITING	Genre: Descriptive paragraph Focus: Publish	Genre: Paragraph of exemplification Focus: Introduce examples	Genre: Product review Focus: Use examples and adjectives	Genre: Classification paragraph Focus: Write a concluding sentence
MISSION	Learn to Adapt National Geographic Explorer: Andrés Ruzo , Geoscientist	Be Unique National Geographic Explorer: Josh Ponte , Musical Explorer/Filmmaker	Always Keep Learning National Geographic Explorer: Manu Prakash , Biophysicist	Understand the Past National Geographic Explorer: Alberto Nava Blank , Underwater Cave Explorer/Cartographer
PRONUNCIATION	The <i>-ed</i> ending	Linking: Consonant + vowel sounds	The two-vowel rule	The schwa (/ə/) sound
EXPRESS YOURSELF	Creative Expression: Feature article <i>Get Steampunked</i> Making connections: Fashion mash-ups	Creative Expression: Letter for a time capsule <i>Transport of Tomorrow</i> Making connections: Past, present and future technology		

Scope and Sequence - Impact 2



<h2>1</h2> <h3>Colour Matters</h3> <p>page 8</p>	<h2>2</h2> <h3>Feeling Good?</h3> <p>page 24</p>	<h2>3</h2> <h3>Your Virtual Self</h3> <p>page 42</p>	<h2>4</h2> <h3>Underwater Mysteries</h3> <p>page 58</p>
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THEME	Colour and its effect on people	Body and mind	Technology's impact on our lives	Underwater exploration and discovery
VOCABULARY STRATEGIES	· Suffix <i>-al</i> · Use context clues	· Suffix <i>-ness</i> · Use a dictionary: Sample sentences	· Prefix <i>inter-</i> · Use a thesaurus	· Prefix <i>pre-</i> · Use context of unit
SPEAKING STRATEGY	Correcting information	Asking after friends and saying how you feel	Checking for understanding and responding	Making and responding to suggestions
GRAMMAR	Comparatives and superlatives: Comparing two or more things <i>Purple is a popular colour. Green is more popular than purple. Blue is the most popular colour in the world.</i> The: Identifying general and specific things <i>The sun is shining in the sky.</i>	Adverbs: Saying how and how often you do something <i>Many teenagers often like to sleep. They're always tired.</i> Make + adjective: Saying what affects mood and feelings <i>A lack of sleep makes you tired.</i>	Modals: Expressing obligation, advice and permission <i>You have to protect yourself with a strong username and password.</i> Must, might and can't: Expressing certainty <i>I checked the facts on three different websites, so they must be true.</i>	Used to and would: Talking about habits in the past <i>I never used to be interested in the sea, and I didn't use to read much at all!</i> Past simple: Describing past actions <i>When did the village sink? It sank thousands of years ago.</i>
READING	<i>Purple Power</i>	<i>The Teenage Brain</i>	<i>Calm Down</i>	<i>Yonaguni Jima</i>
READING STRATEGY	Identify sequence of events	Summarise	Connect text to personal experience	Identify author's purpose
VIDEO	<i>Seeing Colours?</i>	<i>The Forgotten Organ</i>	<i>The Distance Between Two Points</i>	<i>Loch Ness Monster: Mystery Solved?</i>
WRITING	Genre: Descriptive paragraph Focus: Topic sentence	Genre: Classification essay Focus: Introducing categories	Genre: Fact and opinion essay Focus: Facts and opinions	Genre: Contrast essay Focus: Contrasting points of view
MISSION	Look for Opportunities National Geographic Photographer: Annie Griffiths	Take Care of Yourself National Geographic Explorer: Pardis Sabeti , Computational Geneticist	Connect with People National Geographic Explorer: Amber Case , Cyborg Anthropologist	Be Curious National Geographic Explorer: Katy Croff Bell , Oceanographer
PRONUNCIATION	The schwa /ə/ sound	Pronunciation of <i>-s</i> endings	<i>Have to</i>	Verb <i>use</i> vs. <i>used to</i> + verb
EXPRESS YOURSELF	Creative Expression: Song <i>One Truth</i> Making connections: How colours affect your body and mind		Creative Expression: Blog <i>The Nautilus Expedition to the Cayman Islands</i> Making connections: Technology's impact and ocean exploration	



<h2>5</h2> <h3>Life in the Extreme</h3> <p>page 76</p>	<h2>6</h2> <h3>Are You Going to Eat That?</h3> <p>page 92</p>	<h2>7</h2> <h3>Art in the Open</h3> <p>page 110</p>	<h2>8</h2> <h3>Don't Panic!</h3> <p>page 126</p>
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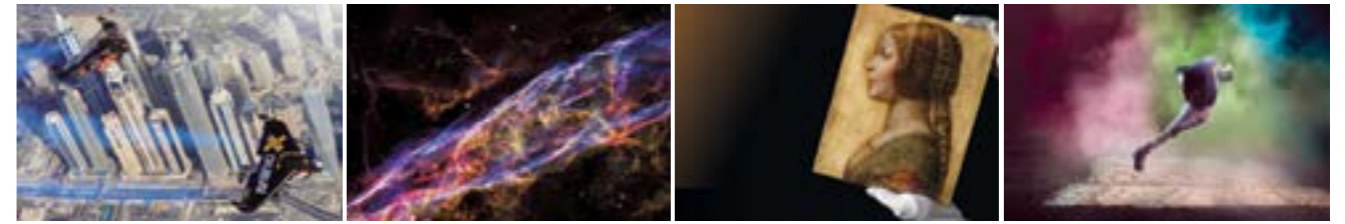
THEME	Extreme environments	Food and food waste	Public art	Being prepared for dangerous situations
VOCABULARY STRATEGIES	· Synonyms · Use photos as context clues	· Antonyms · Use antonyms to find meaning	· Greek and Latin roots (<i>mur, poli</i>) · Find definitions	· Suffix <i>-tion</i> · Identify synonyms
SPEAKING STRATEGY	Expressing and responding to strong opinions	Asking for repetition and repeating information	Asking for more information	Telling a story and showing interest
GRAMMAR	Present perfect: Describing past experiences that connect to the present <i>I have studied many extreme environments, but I've never been to Antarctica.</i> As ... as: Making comparisons of equality <i>The Pacific hagfish is just as important as other fish.</i>	Going to, will and present continuous: Talking about the future <i>I'm going to start making my own lunches.</i> Conditionals: Talking about cause and effect <i>If we make a smoothie from these old bananas, it will be delicious.</i>	Past simple vs. present perfect: Talking about the past <i>Shannon Galpin has cycled in many different countries. In 2009, she went to Afghanistan.</i> Indefinite pronouns: Talking about people, places and things without giving details <i>Someone has painted a mural on the wall of our school. I think it's great, but not everyone loves it.</i>	Past simple vs. past continuous: Talking about the past <i>My cat was trying to hide when the storm started.</i> Present perfect vs. present perfect continuous: Expressing the duration of activities <i>He has fought many fires in his career as a firefighter. He's been fighting this fire for several hours.</i>
READING	<i>Weird and Wonderful</i>	<i>Clean Your Plate!</i>	<i>The City That Loves Street Art</i>	<i>The Power of Snow</i>
READING STRATEGY	Categorise information	Scan for information	Identify main idea	Visualise
VIDEO	<i>Photographing Parasites</i>	<i>What Makes Food Appealing?</i>	<i>Streets of Afghanistan</i>	<i>A Day in Pompeii</i>
WRITING	Genre: Persuasive essay Focus: Introducing reasons	Genre: Cause and effect essay Focus: Introducing causes and effects	Genre: Process essay Focus: Sequencing words	Genre: Narrative essay Focus: Concluding paragraph
MISSION	Ask Questions National Geographic Explorer: Kevin Hand , Planetary Scientist/Astrobiologist	Take Only What You Need National Geographic Explorer: Tristram Stuart , Author/Campaigner	Learn from Art National Geographic Explorer: Shannon Galpin , Adventurer/Humanitarian	Be Prepared National Geographic Explorer: Jimmy Chin , Climber/Photographer
PRONUNCIATION	Linking	<i>Going to, want to</i>	Word stress with suffixes	Sentence stress
EXPRESS YOURSELF	Creative Expression: Flash fiction <i>A New Beginning</i> Making connections: Extreme environments and food waste		Creative Expression: Public art <i>What Are You Waiting For?</i> Making connections: Public art and being prepared	

Scope and Sequence - Impact 3



1 Who Am I? page 8	2 Misunderstood Animals page 24	3 Everybody's Doing It! page 42	4 Fashion Footprints page 58
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THEME	Teen identity and personality	Animals in popular culture	Human and animal group behaviour	Making responsible fashion choices
VOCABULARY STRATEGY	· Suffix <i>-ous</i> · Using context	· Prefixes <i>mis-</i> and <i>un-</i> · Using a thesaurus	· Synonyms · Definitions and examples	· Suffix <i>-al</i> · Using a dictionary
SPEAKING STRATEGY	Comparing and contrasting	Expressing surprise and disbelief	Expressing cause and effect	Asking for clarification and clarifying
GRAMMAR	Question tags: Confirming information or seeking agreement <i>Alicia is friendly, isn't she?</i> Special uses of it: <i>I hate it when the alarm goes off.</i>	Modals: Speculating about the past <i>He refuses to go in the water. He might have seen a jellyfish.</i> Infinitives with and without to: <i>He doesn't want to hold rats. Make him try it.</i>	Separable and inseparable phrasal verbs: <i>They worked out a solution.</i> Enough, too many, too much: Talking about amounts: <i>I have enough pillows, but there are not enough feathers. I need more.</i>	Present passive: Describing actions and processes <i>A lot of pesticides are used to grow cotton.</i> Modals: Making suggestions and giving advice about present and past actions <i>You shouldn't have bought that leather jacket.</i>
READING	<i>Why Am I Me?</i>	<i>Vampire Bats – The Truth Exposed!</i>	<i>Humans in Groups</i>	<i>A Passion for Fashion</i>
READING STRATEGY	Identify descriptive words	Distinguish supporting details	Look for definitions and examples	Compare and contrast
VIDEO	<i>What Makes Up an Identity?</i>	<i>Face-to-Face with a Leopard Seal</i>	<i>Smarter by the Swarm</i>	<i>How Your T-Shirt Can Make a Difference</i>
MISSION	Be Determined National Geographic Explorer: Jack Andraka , Inventor	Keep an Open Mind National Geographic Explorer: Jenny Daltry , Herpetologist and Conservationist	Collaborate National Geographic Explorer: Iain Couzin , Behavioural Ecologist	Make Good Choices National Geographic Explorer: Asher Jay , Creative Conservationist
WRITING	Genre: Comparison and contrast essay Focus: Compare and contrast	Genre: Process description Focus: Describe purpose and sequence	Genre: Exemplification essay Focus: Give examples	Genre: Persuasive essay Focus: Introduce facts and opinion
PRONUNCIATION	Intonation in question tags	Modals + <i>have</i> + past participle	Pausing	<i>Shouldn't have</i> + past participle
EXPRESS YOURSELF	Creative Expression: Flash fiction <i>A Day in the Life</i> Making connections: Teen identity and misunderstood animals		Creative Expression: Poem <i>The Garb Age</i> Making connections: Fashion trends and group behaviour	



5 Flying High page 76	6 New Frontiers page 92	7 Visual Stories page 110	8 Perform and Create page 126
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THEME	Evolution of animal and human flight	Space exploration	Telling visual stories	Art as expression
VOCABULARY STRATEGY	· Root words (<i>port</i>) · Using a dictionary	· Greek roots (<i>astro</i>) · Using a dictionary: Word parts	· Multiple-meaning words · Using a thesaurus	· Greek and Latin roots · Antonyms
SPEAKING STRATEGY	Arguing and conceding	Speculating	Explaining a process	Asking for and expressing feelings or opinions
GRAMMAR	Past perfect: Talking about the first of two actions in the past <i>Pterosaurs had already disappeared by the time humans evolved.</i> Past perfect continuous: Talking about the first of two actions in the past <i>The Wright brothers had been working on powered flight for several years.</i>	Present and past conditionals: Talking about unlikely (but possible) or impossible situations <i>If I had known there was a talk about Mars, I would have gone.</i> Adverbs: Comparing how things are done <i>The new rover travels faster than the last rover.</i>	Past passive: Describing past actions and processes <i>Many of Goya's works were created at night, by the light of a hat that had candles on it.</i> Reported speech: Describing what others say <i>She said she would save her money for art supplies.</i>	Gerunds and infinitives: <i>Some people like performing/to perform as comedians.</i> Sense verbs + infinitive: Describing what you see, hear and feel <i>Did you see the band perform in concert?</i>
READING	<i>Reaching for the Sky</i>	<i>More Than a Dream</i>	<i>Bringing Stories to Life</i>	<i>Music for Chilling Out</i>
READING STRATEGY	Identify sequence of events	Categorise and classify	Mark up text	Draw conclusions
VIDEO	<i>Flight of the RoboBee</i>	<i>Europa: Ocean World</i>	<i>Animation Creation</i>	<i>Stage Fright in the Spotlight</i>
MISSION	Explore Your Interests National Geographic Explorer: Ryan Carney , Palaeontologist/Evolutionary Biologist	Discover the Future National Geographic Explorer: Bethany Ehlmann , Planetary Geologist	Tell Stories National Geographic Photographer: Ami Vitale	Do Your Own Thing National Geographic Explorer: Paul D. Miller, aka DJ Spooky , Artist/Writer/Musician
WRITING	Genre: Classification essay Focus: Organise ideas into categories	Genre: Persuasive essay Focus: Present both sides of an argument	Genre: Multi-paragraph narrative Focus: Describe what others say	Genre: Explanatory essay Focus: Teach about a topic
PRONUNCIATION	Past perfect	Final <i>d</i> + <i>you</i>	Final /ə/ sound	Rhythm and stress
EXPRESS YOURSELF	Creative Expression: Film script <i>Mission: Discovery!</i> Making connections: The history of flight and space exploration		Creative Expression: Presentation <i>Not Your Typical Performance</i> Making connections: Telling stories through art and performance	