

Pathways	CEFR	IELTS Band	TOEFL® Score
Level 4	C1	7.0-8.0	94–110
Level 3	B2	5.5-6.5	46–79
Level 2	B1-B2	4.5-6.0	32–60
Level 1	A2-B1	0.55	0.46
Foundations	A1-A2	0–5.5	0–46

ON THE COVER

Scope and Sequence

	Unit Title & Theme	Listenings & Videos	Listening & Note Taking
	HEALTHY LIVES page 1 ACADEMIC TRACK: Health Science	Lesson A How to Manage Stress* VIDEO Positive Stress Lesson B Living with Food Allergies	 Listen for Main Ideas and Details Take Effective Notes
LAND PERSONAL PROPERTY OF THE	TECHNOLOGY TODAY AND TOMORROW page 21 ACADEMIC TRACK: Technology	Lesson A Artificial Intelligence VIDEO Robots of the Deep Lesson B Tech for Good	 Recognize Opinions Write Key Words and Phrases
	CULTURE AND IDENTITY page 41 ACADEMIC TRACK: Sociology	Lesson A A Mexican Tradition* VIDEO The People of the Horse Lesson B Travel and Identity	 Ask Questions Use Abbreviations and Symbols
	LET'S EAT page 61 ACADEMIC TRACK: Natural Science	Lesson A Food Psychology VIDEO Alex Sigrist: Small Changes Lesson B Culinary Medicine Culinary Medicine	 Listen for Problems and Solutions Divide the Page into Parts
IMON-GA.B	INSIDE THE BRAIN page 81 ACADEMIC TRACK: Psychology	Lesson A Making Memories VIDEO 3-D Brain Scans Lesson B The Exercise-Brain Connection Connection	 Listen for Reasons and Explanations Organize Notes by Speaker or Topic

- * With slideshow
- With animation

Speaking & Pr	onunciation	Grammar & Vocabulary	Critical Thinking	Final Tasks
 Keep a Conve Suffixes and S Participate in Discussion 	yllable Stress	 Gerunds as Subjects and Objects Meaning from Context 	• Interpret Visuals	Option 1 Play a Healthy-Habits Bingo Game Option 2 Discuss Your Healthy Habits
Give Reasons Long and Sho Acknowledge Disagree Polit	Ideas and	 Present Perfect Signal Words with the Present Perfect Collocations 	• Synthesize	Option 1 Discuss Human and Machine Intelligence Option 2 Present a Useful App
 Define Unfam The Vowel So Repeat and En 	und /3r/	Adjective Clauses Noun and Adjective Suffixes	Consider Different Perspectives	Option 1 Discuss Something Popular from Another Culture Option 2 Present Your Identity
 Give and Ask Spelling Patte Vowel Sounds Participate in 	erns for Long	 Active vs. Passive Voice Parts of Speech 	• Prioritize	Option 1 Discuss How Grocery Stores Affect Consumers Option 2 Debate whether Cooking Should Be Taught in Schools
Make Sugges Recognize Lir Describe Imag	king	 Infinitives after Verbs Words with Multiple Meanings 	• Evaluate Pros and Cons	Option 1 Discuss Strategies for Learning a Language Option 2 Present Advice to Future Students

Scope and Sequence

Unit Title & Theme	Listenings & Videos	Listening & Note Taking
KNOWLEDGE IS POWER page 101 ACADEMIC TRACK: Education	Lesson A Teaching Yourself* VIDEO The World's Oldest Programmer Lesson B Choosing a Major	• Recognize Transitions
OUR CHANGING WORLD page 121 ACADEMIC TRACK: Earth Science	Lesson A Studying Earth Science VIDEO Earthquakes 101 Lesson B A Revolution in Earth Science	 Understand the Purpose of a Talk Take Note of Steps in a Process
LIVING HISTORY page 141 ACADEMIC TRACK: Anthropology / Archaeology	Lesson A Preserving the Past* VIDEO Secrets of Ancient Egypt Lesson B Crowd Science	Recognize ExamplesUse Charts
SPECIES SURVIVAL page 161 ACADEMIC TRACK: Life Science	Lesson A Protecting Endangered Creatures VIDEO Amazing Chameleons Lesson B Solving the Mosquito Problem	 Recognize Opinions and Facts Review Your Notes
TO FINDING SUCCESS page 181 ACADEMIC TRACK: Business	Lesson A Five Things You Need to Succeed VIDEO Eco-Fuel Africa Lesson B Rule Breakers	Recognize Humor

Appendix page 201

- * With slideshow
- ◆ With animation

Speaking & Pronunciation	Grammar & Vocabulary	Critical Thinking	Final Tasks
 Relate to What Your Audience Knows Silent Consonants Check Understanding 	Comparative and Superlative AdjectivesPhrasal Verbs	Apply Previous Knowledge	Option 1 Discuss Sayings about Education Option 2 Present on Something You Want to Study
 Use Linking Words Dropped Consonants Give a Joint Presentation	 Time Words and Expressions Commonly Confused Words 	Make Inferences	Option 1 Create a List for a Disaster Supplies Kit Option 2 Talk about a Change in Our World
SummarizeSentence StressConsider What Your Listeners Need to Know	 Infinitives of Purpose Negative Prefixes and Suffixes 	Compare and Contrast	Option 1 Discuss Special Objects from Your Past Option 2 Present a Historical Object, Site, or Person
Express Cause and EffectThought GroupsMention Your Sources	 Adverbs and Modals of Possibility and Necessity Antonyms 	Evaluate the Strength of Ideas	Option 1 Design a Poster to Protect a Plant or Animal Option 2 Present on an Endangered Species
ParaphraseStress for ContrastOrganize Your Talk	Adverbs of DegreeWord Blends	• Categorize	Option 1 Discuss Different Kinds of Success Option 2 Describe a Failure that Became a Success

Welcome to *Pathways Listening, Speaking,* and *Critical Thinking*, Third Edition

NEW AND UPDATED

Compelling photography and infographics in **Explore the Theme** draw students into the unit, develop their visual and information literacy skills, and get them speaking.







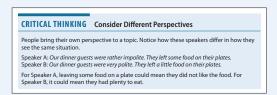
A **multimedia approach** featuring videos, slideshows, and animations supports listening comprehension while making content accessible and engaging.

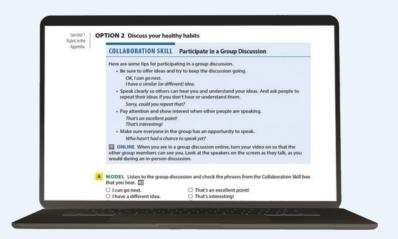
Updated Speaking Activities

give more guided instruction and language support, building fluency, accuracy, and learner independence.

	D Think about something you discovered. It could be an object, information, or something else. Prepare to talk about your discovery by making notes in the chart.				
What d	id you discover?				
Where	or how did you discover it?				
	id you do or what happened after covered it?				
	th a partner. Take turns talking about the D. When it is your turn to listen, take not				
F SUMM your not		ummarize the talk you heard in exercise E using	Critical Thinking		

Academic competency skills like collaboration, communication, and problem-solving help students develop the skills and behaviors needed to succeed in school and their lives.



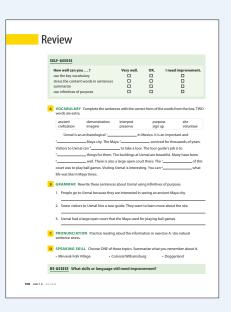


Assessment

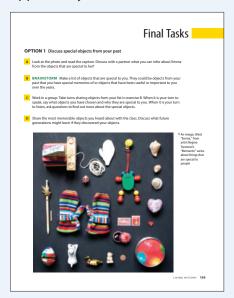
Pathways Listening, Speaking, and Critical Thinking supports teachers and learners with various forms of assessment, with the goal of helping students achieve real-world success.

A new Review section

provides additional opportunities for formative assessment and encourages students to take control of their learning journey through guided selfassessment.



The **Final Tasks** section with two options provides flexibility for various learning environments and another opportunity for formative assessment.



Opportunities for online assessment on the **new Spark platform** include:

- The National Geographic Learning Online Placement Test, which places students into the correct level of *Pathways*
- Interactive Online Practice activities and online tests from the Assessment Suite, for formative and summative assessment
- A Course Gradebook that tracks student and class performance against learning objectives, providing teachers with actionable insights to support student's progress



Bring the world to the classroom and the classroom to life with the Spark platform — where you can prepare, teach and assess your classes all in one place!

Manage your course and teach great classes with integrated digital teaching and learning tools. Spark brings together everything you need on an all-in-one platform with a single log-in.

Track student and class performance on independent online practice and assessment.

The Course Gradebook helps you turn information into insights to make the most of valuable classroom time. Set up classes and roster students quickly and easily on Spark. Seamless integration options and point-of-use support helps you focus on what matters most: student success.



to learn more

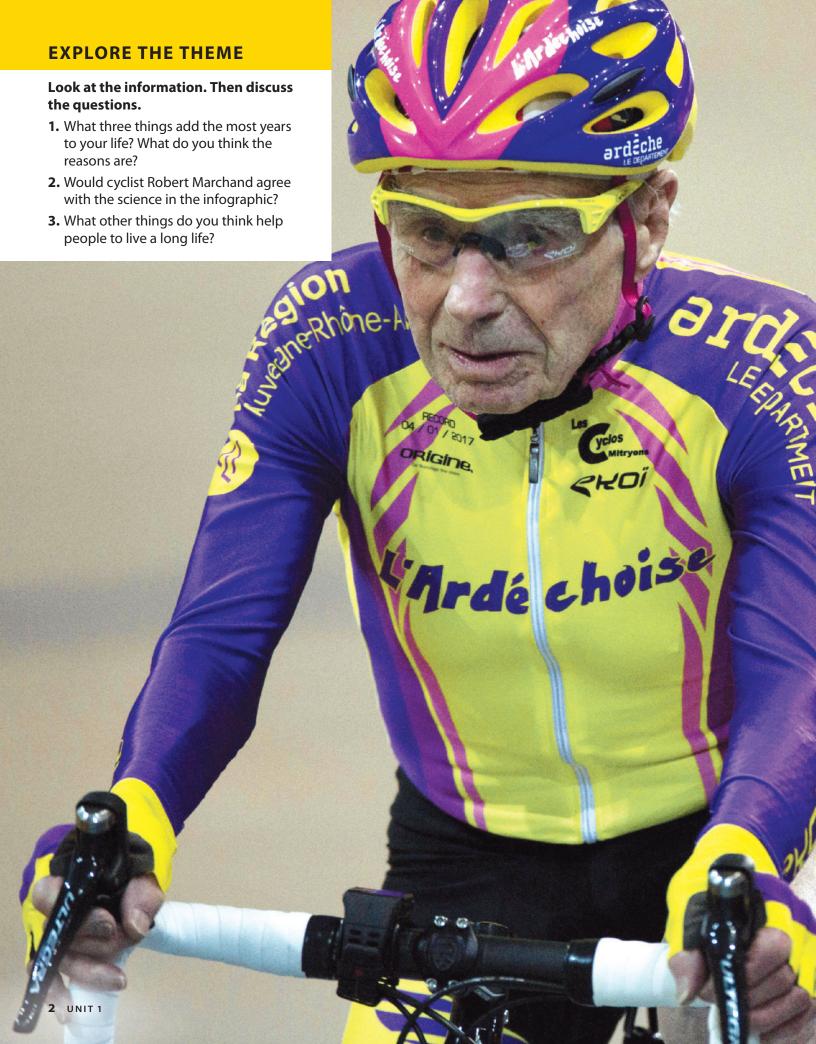


IN THIS UNIT, YOU WILL:

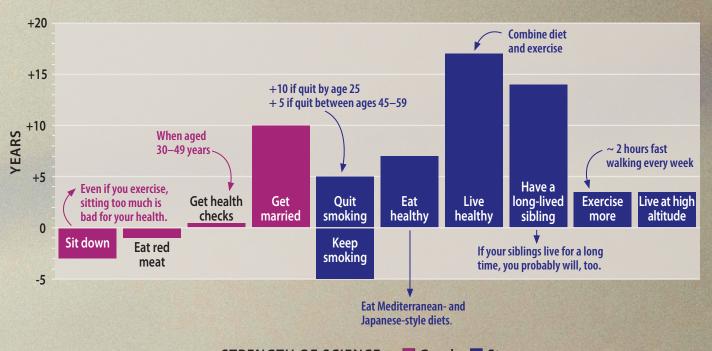
- Watch or listen to a talk about managing stress
- Watch a video on positive stress
- Listen to a conversation about food allergies
- Play a healthy-habits bingo game or Discuss your healthy habits

THINK AND DISCUSS:

- 1. How does the subway train encourage health and happiness?
- 2. Would riding on this subway train to or from work make you feel less stress?
- 3. What does "a healthy life" mean to you?



What Makes You Live Longer?



STRENGTH OF SCIENCE: Good Strong

Source: https://informationisbeautiful.net/visualizations/what-could-really-increase-life-expectancy-lifespan-and-longevity/

At age 105, cyclist Robert Marchand tries to break the world record in the senior endurance race in Saint-Quentin-en-Yvelines, France. He said his long and active life was thanks to a diet of mainly fruits and vegetables, a little meat and coffee, and an hour of cycling a day.

Vocabulary

A Listen and repeat. Check (✓) the words you know. ◆

attitude (n)	develop (v)	harmful (adj)	manage (v)	prevent (v)
cause (v)	habit (n)	likely (adj)	positive (adj)	provide (v)

MEANING FROM CONTEXT Listen and write the words you hear. Then think about each word's meaning.

L	.IV	IN	GT	0	10	0	

LIVING TO TOO						
How old is the oldest person you know? 80 years old? 90 years old? In some parts of						
the world, it's not unusual for people to live 100 years or even longer. Scientists looked at						
two of these places—Sardinia, Italy, and Okinawa, Japan—and learned that people there						
¹ fewer health problems than in other parts of the world. They are also						
more ² to live to be 100 or older.						
In Sardinia, scientists were surprised to find as many men as women who were						
100 years old or older. This is unusual because, in general, women live longer than men.						
One reason for this may be that men in Sardinia don't have a lot of stress in their lives,						
and stress can be ³ It can ⁴ health problems. The						
men there work outdoors, which ⁵ daily exercise, while the women						
⁶ the house and money. According to one Sardinian man, he does the						
work, but his wife does the worrying.						
In Okinawa, people have very little cancer and heart disease. One of the reasons						
could be their ⁷ toward life.						
That might 9 stress. In addition, Okinawans						
eat a healthy diet that includes a lot of fresh vegetables						
and a little meat and fish. They also have healthy						
10, such as taking care of a						
garden and spending time with family. In other						
words, a positive attitude and good food seem						
to prevent many of the health problems	1					
found in other parts of the world. A man from Sardinia Italy						

C	VVI	Ite each word from exercise A next to its definition.		
	1.	(v) to control or deal with something		
	2.	(v) to start to have		
	3.	(adj) possible or probable		
	4.	(v) to make something happen		
	5.	(adj) causing negative effects or damage		
	6.	(v) to give something or make it available		
	7.	(v) to stop something from happening		
	8.	(n) something you do often and regularly		
	9.	(n) a feeling about someone or something		
	10.	(adj) good or helpful		
D	Co	mplete the sentences with the correct form of a word from exercise C.		
	1.	In Okinawa, good food and healthy may problems.	hea	llth
	2.	My father always thinks he's going to get sick, but I have a bettermyself I'm going to stay healthy!		I tell
	3.	My grandmother is 90 and very healthy. I think she is1	to live to l	oe 100.
	4.	Stella made several changes to her diet and she feels	great!	
	5.	Using the calendar app on my phone helps me to my	schedule.	
	6.	When the weather changes, many people colds.		
	7.	Eating too much fried food can health problems.		
	8.	Some schools free lunch to all students.		
	9.	The sugar in candy can be to your teeth. Don't eat too	much of	it.
E		ERSONALIZE Check Yes or No for each question. Take turns asking and a estions with a partner. Explain your answers.	nswering	the
	0	QUESTIONNAIRE: How likely are you to live to be 100?*		
			YES	NO
	1	. Do you manage stress well?		
		. Does your diet include a lot of fruits and vegetables?		
		. Do you exercise for 30 minutes a day or more?		
		. Is anyone in your family 90 or older?		
	- 5	. In general, do you have a positive attitude toward life?		

^{*}The more questions you answered with yes, the more likely you are to live to be 100.

A Listening How to Manage Stress

Critical Thinking

- A PREDICT You will hear a talk about stress and how to manage it. Discuss these questions.
 - 1. What is stress? What causes it? What do you do to manage stress?
 - 2. How do you think the speaker will organize the talk?
 - a. Explain what stress is and then talk about one way to manage it
 - b. Talk about ways to manage stress and then explain what it is
 - c. Explain what stress is and then talk about different ways to manage it
 - 3. Which topics do you expect to hear about in the talk?
 - a. diet
- c. sleep
- e. social life

- b. exercise
- d. smoking
- f. taking breaks

LISTENING SKILL Lis

Listen for Main Ideas and Details

When listening to a talk, you need to be able to identify the main ideas and details. Main ideas are the speaker's most important ideas. Here are some techniques to help you identify main ideas:

- Listen carefully to the beginning of a talk. Most speakers will mention the main ideas in their introduction.
- Listen for repetition. Speakers often repeat key words and phrases or use synonyms to emphasize their main ideas.

Details give more information about the main ideas. They include facts, examples, reasons, stories, and other information that makes the main ideas clearer and more interesting.

Another country with very healthy people is Switzerland. **Many people there live to be 84 years old. Reasons for this might be their busy lives and the clean mountain air.**

В		S Read the statements from the ch statement with the words you	talk. Then watch or listen to the talk and hear.
	_	'm going to talk with you about _ it.	and how to
	2let's th	ink about what	and also about the way
		mportant topic is theo our health.	It certainly can be
	4. On the ot	her hand,	, too.



DETAILS Listen again. Complete the notes on the talk with the details from the box. Write one letter for each detail.

Stress	How to Manage Stress
 Causes of stress 	Get enough exercise
Detail: 1	Detail: ⁵
 Feelings of stress Detail: ² Effects of stress Harmful effects Detail: ³ Helpful effects Detail: ⁴ 	 Get enough sleep; be social; try yoga or music Have a positive attitude about stress Detail: ⁶

- a. heart beats faster; breathing changes; headache or stomach problems
- b. walk, run, or play a sport at least four or five days a week
- c. high blood pressure or other health problems
- d. extra energy to do difficult or challenging things
- e. think of stress as something that can be helpful
- f. busy lives, including schoolwork, jobs, and raising children

D	FOCUSED LISTENING Listen to an excerpt from the talk and write the words you hear. What	
	important idea is the speaker emphasizing? 🜒	
	I'm Tara Sorenson, and I'm a public 1	nurse. Public ²

nurses are like other nurses, but we take care of more than one person. Our job is to keep everyone in the community ³______. [...] I hope to provide information that will help all of you to live longer, ⁴______lives.