

	Video	Listening	Vocabulary
<p>1 Character</p> <p>PAGE 8</p> <p>University life</p> <ul style="list-style-type: none"> ▪ Dialogue: First day on campus <p>Psychology</p> <ul style="list-style-type: none"> ▪ Interview: Character and personality 	Animal personality	<p>Listen for key words in a dialogue</p> <p>Recognize main ideas in longer texts</p>	Practice and use adjectives to describe personality
<p>SCIENTIFIC AMERICAN Better atmospheric river forecasts are giving emergency planners more time to prepare for flooding</p> <p>PAGES 26–27</p>			
<p>2 Time</p> <p>PAGE 28</p> <p>Biology</p> <ul style="list-style-type: none"> ▪ Conversation: The biology of sleep <p>Science</p> <ul style="list-style-type: none"> ▪ Lecture: Time to sleep 	Sleep break	<p>Listen for specific information to support a main idea</p> <p>Listen for cause and effect to better understand a lecture</p>	Practice and use vocabulary for waking and sleeping
<p>3 Cities</p> <p>PAGE 46</p> <p>Urban development</p> <ul style="list-style-type: none"> ▪ Conversation: The 15-minute city <p>Media studies</p> <ul style="list-style-type: none"> ▪ Radio report: Wallsapes 	Roof garden	<p>Listen to a speaker correcting information</p> <p>Determine advantages and disadvantages by listening for key words</p>	Practice and use words to talk about cities
<p>SCIENTIFIC AMERICAN Sunlight changes unequally all year long</p> <p>PAGES 64–65</p>			
<p>4 Culture</p> <p>PAGE 66</p> <p>Customs and traditions</p> <ul style="list-style-type: none"> ▪ Conversation: Japanese customs <p>Society</p> <ul style="list-style-type: none"> ▪ Lecture: Viewing culture 	Finishing school	<p>Identify explanations and examples to better understand texts</p> <p>Use signal words to identify the main ideas of a lecture</p>	Practice and use words to talk about customs and traditions

Grammar	Speaking	Academic skill	Unit outcomes
Review and practice questions in the simple present	Notice and practice word stress in sentences Make formal and informal introductions Brainstorm and take part in an interview and introduce someone	Interrupting nicely	Listen for key words to understand important information Listen for main ideas in the context of interviews and class discussions Ask and answer interview questions and introduce someone
Use adverbs of frequency to describe a routine	Recognize and use stress and intonation patterns in questions Practice getting attention and asking for permission Plan and conduct a survey about sleep habits	Signposts for important information	Practice listening for specific information Listen for cause and effects Ask, answer, and discuss survey questions
Use the present progressive to describe changes over time	Pronounce contractions in the present progressive tense Give clear reasons for or against an idea Plan, practice, and deliver a short talk about a trend in your city	Making inferences	Use interview questions to predict the contents of a talk Practice listening for advantages and disadvantages in the context of reports and podcasts Describe a trend in your city
Use modal verbs and adjective expressions to give advice	Notice and practice common syllable stress patterns in multi-syllable words Introduce your talk with signal terms and phrases Brainstorm, prepare, and present a short talk about a country's customs	Creating useful notes to give a presentation	Practice listening for explanations and examples in the context of a conversation Listen for the main ideas of a lecture to follow its organization Prepare and deliver a brief descriptive report

	Video	Listening	Vocabulary	
<p>5 Food</p> <p>PAGE 84</p> <p>Food science</p> <ul style="list-style-type: none"> ▪ Seminar: Insects on the menu <p>Health and nutrition</p> <ul style="list-style-type: none"> ▪ Lecture: Let's concentrate on orange juice 	Moon cakes	<p>Identify and distinguish facts from opinions</p> <p>Recognize signal words and phrases to identify steps in a process</p>	Practice and use sequencers	
<p>SCIENTIFIC AMERICAN A new era for obesity drugs PAGES 102–103</p>				
<p>6 Extremes</p> <p>PAGE 104</p> <p>Zoology</p> <ul style="list-style-type: none"> ▪ Conversation: Amazing creatures <p>Cognitive science</p> <ul style="list-style-type: none"> ▪ Interview: Super smart people 	Extreme running	<p>Recognize categories to better understand a description</p> <p>Organize information while listening by noticing words used to classify items</p>	Practice and use <i>-ed</i> and <i>-ing</i> adjectives	
<p>SCIENTIFIC AMERICAN Weight of life PAGES 122–123</p>				
<p>7 Progress</p> <p>PAGE 124</p> <p>Technological progress</p> <ul style="list-style-type: none"> ▪ Conversation: Virtual labs <p>Mechanical engineering</p> <ul style="list-style-type: none"> ▪ Presentation: Simon's new arm 	Robot workers	<p>Listen for time signals that identify when speakers describe past and present events</p> <p>Recognize phrases that signal a conclusion</p>	Practice and use words to describe progress	
<p>8 Work</p> <p>PAGE 142</p> <p>Business</p> <ul style="list-style-type: none"> ▪ Interview: A picture-perfect job <p>Society</p> <ul style="list-style-type: none"> ▪ Lecture: The future of work 	Driverless bus	<p>Listen for phrases that signal extra information</p> <p>Recognize words and expressions that highlight the structure of a talk</p>	Practice and use vocabulary to talk about work	
<p>SCIENTIFIC AMERICAN Alien depths PAGES 160–161</p>				

Grammar	Speaking	Academic skill	Unit outcomes
Use the present passive to describe a process	Pronounce the past <i>-ed</i> ending of different words Use signal words and phrases to explain and define ideas Plan and describe the process of making a type of food	Peer evaluation	Listen for facts and opinions Listen for steps in a process Plan, organize, and describe a process
Use <i>can</i> and <i>be able to</i> to express and talk about ability	Recognize and pronounce <i>can</i> , <i>can't</i> , and <i>be able to / not able to</i> in affirmative, negative, and interrogative sentences Use words and phrases to give a description Take part in a memory quiz and give a description of an animal	Understanding statistics	Practice recognizing categories to better understand a description Listen for words used to classify items in the context of an interview Prepare and take part in a quiz about a discipline of science Give a description
Use <i>used to</i> to talk about differences between past and present	Identify and pronounce stress for emphasis Use concluding words and phrases to end a presentation Brainstorm, plan, and deliver a short talk on how life has changed in the last ten years	Asking follow-up questions	Follow a sequence in a conversation by listening for past and present time signals Listen and identify concluding phrases in a presentation Describe differences between the past and the present
Use <i>will</i> to make predictions about the future	Pronounce contractions with <i>will</i> Use future time markers to talk about future developments and trends Give a short presentation about work in the future	Using signposts to move from topic to topic	Listen for words and phrases that signal additional information Listen for the overall structure of a talk or lecture Plan and deliver a short presentation