	Video	Listening	Vocabulary	
1 Design **PAGE 8** **Culture** ■ **Conversation:** Principles of good design **Technology** ■ **Lecture:** The realities of design	A virtual future?	Listen to infer from context Listen for key terms and definitions	Practice and use design vocabulary	
SCIENTIFIC AMERICAN	Spark creativity with Thomas Edison's napping technique **PAGES 26–27**			
2 Thought **PAGE 28** **Technology** ■ **Conversation:** Brain training **Cognitive neuroscience** ■ **Lecture:** Screen time	Brain reading computers	Listen to understand the structure of a formal argument Listen for repair and elaboration	Practice and use words to describe the brain and mind	
3 Fire **PAGE 46** **History** ■ **Presentation:** The healing power of fire **Environment** ■ **Lecture:** Forest fires: friend or foe?	A burning issue	Listen to distinguish facts from opinions Listen to understand a sequence of events	Practice and use synonyms	
SCIENTIFIC AMERICAN	Wildfires followed by severe rain will become more common **PAGES 64–65**			
4 Movement **PAGE 66** **Work** ■ **Podcast:** Ocean shipping **Society** ■ **Lecture:** Crowd management	Cutting through chaos	Listen for generalized statements Listen to understand priorities	Practice and use compound adjectives	

	Grammar	Speaking	Academic skill	Unit outcomes
	Use *wish* with present or future time	Practice talking about problems and solutions Design and present a new product	Reiterating other people's ideas	Practice inferring meaning from context Listen to understand key terms and definitions in context Work in a group to brainstorm, plan, and present a new product designed to solve a problem
	Use conjunctions, *may / might / but*, and adverbials to make concessions	Practice responding to an argument Debate the positive and negative effects of technology on academic performance	Anticipating opposing views	Identify claims and supporting evidence to understand arguments in context Listen for repair and elaboration to accurately identify specific information Participate in a group debate on the effects of technology on academic performance
	Use stance markers	Practice changing the topic and returning to it Debate whether fire does more harm than good	Discussing cohesion	Practice distinguishing facts from opinions to help you evaluate arguments Listen for signal words to help you understand the correct sequence of events Participate in a group debate on how fire can be used to benefit or harm us
	Use complex passives	Practice voicing and allaying concern Assess and prioritize the risks to public safety in a stadium and suggest solutions	Inferring a speaker's attitude or feeling	Listen for generalized statements to understand routine and frequency Practice identifying priorities in context Work in a group to assess and prioritize risks in a stadium and present solutions to each issue

	Video	Listening	Vocabulary	
5 Disease PAGE 84 **Biology** ▪ **Podcast:** Germ myths **Medicine** ▪ **Lecture:** Herd immunity	A buzz in medicine	Listen to categorize information Listen to understand cause-and-effect relationships	Practice and use medical language	
SCIENTIFIC AMERICAN	See how a parasite travels from tiny crustacean to fish to bird PAGES 102–103			
6 Survival PAGE 104 **Sociology** ▪ **Podcast:** Eco-philanthropy **Architecture** ▪ **Lecture:** Building for the future	Raising awareness	Predict content using prior knowledge Listen for phrases that connect ideas	Practice and use word families	
SCIENTIFIC AMERICAN	See which countries have the most interconnected wildlife preserves PAGES 122–123			
7 Law PAGE 124 **Crime** ▪ **Podcast:** The world's worst crime **Technology** ▪ **Lecture:** Protect yourself online	Crime doesn't pay	Listen to understand supporting evidence: definitions, examples, and explanations Listen to recognize citations	Practice and use legal vocabulary	
8 Tomorrow PAGE 142 **Technology** ▪ **Seminar:** Are drones the future? **Transportation** ▪ **Lecture:** Hyperloops: the fifth form of transportation	Bat-wing drones	Listen for bias Listen for hyperbole	Practice and use vocabulary for transportation and logistics	
SCIENTIFIC AMERICAN	Hacking the ransomware problem PAGES 160–161			

	Grammar	Speaking	Academic skill	Unit outcomes
	Use past modals of deduction	Practice asking to clarify or confirm ideas you hear Make deductions about a medical case study and present your findings	Speaking about graphs	Practice categorizing information to help you understand main ideas Practice identifying cause-and-effect relationships Participate in a presentation about what could have been done to prevent a disease
	Use the present unreal conditional	Practice contributing additional information to a discussion Discuss the global water challenge and present your ideas to the class	Contextualizing information in a broader real-world context	Use prior knowledge to predict what you're going to hear Practice identifying main topics and subtopics to better understand text organization Participate in a group discussion on the global water challenge and present ideas on how to save water
	Use verbs for reported speech	Practice disagreeing politely Debate the appropriacy of a punishment in a cybercrime case study	Adopting different roles in an informal debate	Practice identifying definitions, examples, and explanations to understand supporting evidence Listen to identify direct and indirect quotations in context Participate in a group debate about the punishment in a cybercrime case study
	Use future perfect progressive	Practice using language for convincing and making persuasive arguments Debate the pros and cons of increased commercial drone use	Arguing against someone politely	Practice listening for bias to help you better evaluate arguments Listen for hyperbole to identify claims not meant to be taken literally Participate in a group debate on the pros and cons of increased commercial drone use