Student Book Audio Script

TR: 57 1 **Listen and read.** See Student Book pp. 78–79.

TR: 58 2 **Learn new words.** **curious** / Curious people make great discoveries. **drive** / The desire to learn new things drives people to keep exploring. **encounter** / Ocean explorers encounter a wide variety of life forms. **exciting** / It's exciting to be an explorer. **expert** / Corey Jaskolski is an expert camera builder. **high-tech** / High-tech tools help scientists explore without harming sites. **investigate** / New discoveries are made when we investigate unknown places. **knowledge** / Doctors must have a great deal of knowledge about the human body. **look into** / Scientists have looked into how humans evolve. **pioneer** / Astronauts are pioneers of outer space. **purpose** / What is the purpose of exploring the ocean floor? **remote** / We still haven't seen many remote parts of the ocean. **research** / Lee Berger researches early human beings.

TR: 59 5 Explorer Sylvia Earle is a deep-ocean pioneer with a long list of achievements. She has engaged in 7,000 hours of underwater study, and written nearly 200 scientific articles on her findings. In 1970, she and a team of women "aquanauts" were required to live underwater for weeks at a time to research marine life. The fact that so much of the ocean remains undiscovered has driven Sylvia's work. In fact, even though explorers have been studying the world's oceans for years, they've only seen about five percent of them! Sylvia's purpose in life has been to protect the sea, and she encourages others to do so as well.

TR: 60 5 **Learn new words.** **achievement** / Scientists are rewarded for their achievements with awards or honors. **encourage** / Exploring the Earth will encourage people to protect it. **engage in** / We learn about the world by engaging in exploration. **require** / Becoming an oceanographer requires a lot of training.

TR: 61 **Speaking Strategy** See Student Book p. 81.

TR: 62 7 **S1**: Where do you see yourself in 5 years?

S2: Hmm . . . that's tough. I'd like to be studying in South America, but I might need to get a job.

S2: What made you want to learn Cantonese?

S1: Well, it's hard to explain. I guess I've just always wanted to travel to Guangzhou.

S1: Why do you think humans explore?

S2: That's a good question. Let me think about that one for a minute.

TR: 63 **Grammar** See Student Book p. 82.

TR: 64 11 Barrington Irving is one of the youngest people ever to fly around the world, and the first African American to do so. How did he get his start? He had been preparing for a career in professional football, but his plans changed when he met a Jamaican pilot in his parents' bookstore. He became interested in becoming a pilot and started learning how to fly by using a forty-dollar flight video game. By graduation, he had been offered the chance to play football at several universities, but he turned them down. Instead, he focused on flying. He started washing airplanes to pay for flight school. After many hours of flight school and practice, his instructor said it was time to fly solo. Barrington wasn't sure if he was ready at first. He was nervous but he flew well and landed the plane with no problems. His hard work and determination had paid off!

TR: 65 14 In 2007, at the age of only twenty-three, Barrington Irving flew a plane around the world—a plane that he had a manufacturer build with donated parts. People had told him that he couldn't do it. But when the day came for him to leave, five thousand supporters had come to the Miami Airport to wish him well.

Barrington's route included 27 stops in 13 countries. He flew for 97 days. He was in constant motion for hours at a time, through thunderstorms, monsoons, snowstorms, and sandstorms. At times, he sang to himself to stay awake. Ultimately, he made it home. Barrington had set a record as the youngest person to fly around the globe solo. He was really excited! Barrington was now a respected pilot. But he also wanted to educate others. He started an organization called Experience Aviation and had kids build a plane that he actually flew. His goal is to get more young people to see how math and science can bring them a better future.

TR: 66 14 **Learn new words.** **educate** / Barrington works to educate young people about flying. **globe** / There are still many places on the globe left to explore. **motion** / Strong winds can affect the motion of an airplane. **route** / Barrington's route took him through extreme weather. **set a record** / Barrington set a record as the youngest person to fly around the world.

TR: 67 18 **Learn new words.** **associated** / Exploration is often associated with discovery and risk-taking. **gene** / Scientists are researching how our genes affect us. **motivate** / Curiosity motivates humans to explore. **trait** / Members of a family often share the same traits.

TR: 68 19 **While you read.** See Student Book pp. 84–85.

TR: 69 **Grammar** See Student Book p. 88.