Listening 2- Vocab

2 **Vocabulary** Listen to the following words in bold which you will hear in a guided spaceflight simulation at the Space Center. Read the definitions and complete the sentences with the correct forms of the words. Then compare your answers with a partner.

Words	Definitions
acceleration	the process of increasing speed
altitude	the distance above sea level
astronaut	a person who is trained to travel in space
atmosphere	the air surrounding Earth
cargo bay	an area in a plane or spacecraft used to store goods or materials
friction	resistance to motion by two surfaces that rub against one another
gravity	the natural force that attracts and causes objects to fall to Earth
maneuver	a movement that is performed skillfully
manipulate	to control and operate by hand or by mechanical means
mission	a special assignment or duty given to a person or a group
orbit	the circular path that a body makes around another body in space
remote	from a distance
satellite	a natural or man-made object that orbits another body in space
simulate	to imitate a situation using a model
solar	related to the sun

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1. _____ need to go through rigorous training and medical tests before they can actually participate in a space _____.
2. During training, astronauts use devices and instruments that _____ spaceflights in order to prepare them for what actual flights in space will be like.
3. Astronauts experience a feeling of weightlessness and float around because there is virtually no _____ in space.
4. Experienced pilots can skillfully _____ the instruments of their planes to perform spectacular aerobatic _____ such as spins, rolls, and loops.
5. The International Space Station relies on _____ panels that collect energy from the sun in order to keep all of its systems operating.
6. A space shuttle enters the Earth's _____ at an _____ of about 400,000 feet. Upon reentry, a great deal of resistance, or _____, is created, which causes the shuttle to slow down.
7. As the rockets fired, the spacecraft gained speed. The sudden _____ of the spacecraft forced the astronauts back into their seats.
8. NASA is developing a new _____-controlled planetary rover to collect samples and explore the surface of Mars.
9. Equipment and supplies are transported in the _____ of the spacecraft.
10. A communication _____ was launched into _____ around Earth.

This planetary rover is designed to explore the surface of Mars.



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