

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

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.*

