

PRACTICE WORKSHEET 2: SUNITA IN SPACE | CLASS 5 ENVIRONMENTAL STUDIES

Multiple Choice Questions

1. What does the absence of gravity in space cause?
 - a. Objects to stay still
 - b. Objects to float freely
 - c. Objects to move faster than light
 - d. Objects to stick to the walls
 2. How did Sunita Williams sleep in the spaceship?
 - a. On a bed
 - b. In a floating position
 - c. Tied to a sleeping bag
 - d. Sitting on a chair
 3. Why do astronauts wear special suits in space?
 - a. To protect themselves from sunlight
 - b. To help them breathe and move in space
 - c. To make them look uniform
 - d. To feel comfortable
 4. What looks most striking about the earth when seen from space?
 - a. Its green forests
 - b. Its blue color due to water
 - c. Its shape as a square
 - d. Its bright lights at night
 5. How many times did Sunita Williams orbit the earth?
 - a. 100 times
 - b. 195 times
 - c. 250 times
 - d. 300 times
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Fill in the Blanks

1. In space, there is no _____ to pull objects down.
 2. Sunita Williams spent _____ days in space.
 3. Space suits are equipped with _____ to help astronauts breathe.
 4. The _____ color of the earth from space is due to its vast oceans.
 5. Astronauts rely on _____ to eat and drink in space.
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True or False

1. Gravity is completely absent in space, causing objects to float. (True/False)
 2. Astronauts sleep standing up in space. (True/False)
 3. Sunita Williams observed borders between countries while in space. (True/False)
 4. Drinking water in space requires astronauts to catch blobs of water. (True/False)
 5. Space suits are optional for astronauts. (True/False)
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Short Questions

1. Why do astronauts wear space suits, and what features do they have?
 2. What did Sunita Williams find most fascinating about the earth from space?
 3. How does the absence of gravity affect astronauts' daily lives?
 4. Why is the earth called the "blue planet"?
 5. What challenges do astronauts face while eating and drinking in space?
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Long Questions

1. Describe the daily life of an astronaut in space, including how they eat, sleep, and work.
 2. Explain the concept of gravity and its absence in space, with examples of how it affects astronauts.
 3. Discuss how Sunita Williams' experiences in space inspire us to explore and protect our planet.
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Answer Key

Multiple Choice Questions

1. b. Objects to float freely
 2. c. Tied to a sleeping bag
 3. b. To help them breathe and move in space
 4. b. Its blue color due to water
 5. d. 300 times
-

Fill in the Blanks

1. Gravity
 2. 195
 3. Oxygen tanks
 4. Blue
 5. Special pouches
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True or False

1. True
 2. False
 3. False
 4. True
 5. False
-

Short Questions

1. Astronauts wear space suits to protect themselves from extreme temperatures, provide oxygen for breathing, and shield them from harmful space radiation.
 2. Sunita Williams found the earth's blue oceans, curved shape, and lack of visible borders most fascinating from space.
 3. The absence of gravity makes everything float, requiring astronauts to strap themselves while working or sleeping and to adapt to new ways of eating and drinking.
 4. The earth is called the "blue planet" because most of its surface is covered by oceans, giving it a blue appearance from space.
 5. In space, food and water float. Astronauts eat from special sealed pouches and drink by catching floating water blobs, making these tasks challenging.
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Long Questions

1. **Daily Life in Space:** Astronauts sleep tied in sleeping bags, eat from special pouches, and drink water in blobs. They exercise to maintain strength, perform experiments, and communicate with earth. Floating in zero gravity makes everything a unique challenge.
2. **Gravity and Its Absence:** Gravity pulls objects towards the earth. Its absence in space causes weightlessness, making objects float. For example, water forms blobs, and astronauts have to strap themselves to stay in place.
3. **Inspiration from Sunita Williams:** Sunita's journey inspires curiosity about space exploration. Her observations remind us of the earth's beauty and the need to protect our planet's resources and environment.