

PRACTICE WORKSHEET 1: SUNITA IN SPACE | CLASS 5 ENVIRONMENTAL STUDIES

Multiple Choice Questions

1. Why do things float inside a spaceship?
 - a. Due to the absence of air
 - b. Because of gravity from the moon
 - c. Because there is no gravity in space
 - d. Because of strong winds
 2. What did Sunita Williams observe about the earth from space?
 - a. It was flat and covered with lines
 - b. It was curved and beautiful without visible borders
 - c. It was square and had bright lights
 - d. It was very small and dark
 3. What happens to water in space?
 - a. It evaporates instantly
 - b. It floats as blobs
 - c. It turns into ice
 - d. It disappears into the air
 4. Why was it difficult to sit still in the spaceship?
 - a. Because there were no chairs
 - b. Because they kept floating due to no gravity
 - c. Because it was too cold
 - d. Because of heavy winds
 5. How far did Sunita Williams travel away from the earth?
 - a. 100 kilometers
 - b. 360 kilometers
 - c. 500 kilometers
 - d. 1000 kilometers
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Fill in the Blanks

1. In space, Sunita's _____ kept standing because there was no gravity.
 2. Water floats around as _____ in space.
 3. Sunita Williams spent more than _____ months in space.
 4. The earth appears _____ when viewed from space.
 5. Astronauts strap themselves to _____ to stay in one place in the spaceship.
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True or False

1. Sunita Williams used a comb frequently in space to keep her hair neat. (True/False)
 2. The earth pulls everything towards itself because of gravity. (True/False)
 3. People in space experience gravitational pull, just like on earth. (True/False)
 4. Sunita Williams floated in the dining area to catch floating food packets. (True/False)
 5. The earth looks flat when seen from space. (True/False)
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Short Questions

1. Why do astronauts float inside the spaceship?
 2. What did Sunita observe about the earth's appearance from space?
 3. Why is it challenging to perform simple tasks like eating and drinking in space?
 4. What is the role of gravity on earth, and why is it absent in space?
 5. Why do astronauts need to strap themselves while working in the spaceship?
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Long Questions

1. Describe the challenges astronauts face while living in space and how they adapt to them.
 2. What is gravity, and how does its absence affect life in space?
 3. How can observing the earth from space help us understand the world better?
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Answer Key

Multiple Choice Questions

1. c. Because there is no gravity in space
 2. b. It was curved and beautiful without visible borders
 3. b. It floats as blobs
 4. b. Because they kept floating due to no gravity
 5. b. 360 kilometers
-

Fill in the Blanks

1. Hair
 2. Blobs
 3. Six
 4. Curved
 5. Straps
-

True or False

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

Short Questions

1. Astronauts float inside the spaceship because there is no gravity in space to pull them down.
 2. Sunita observed that the earth looked curved, beautiful, and had no visible borders from space.
 3. In space, water and food float, making it difficult to eat and drink normally. Astronauts must catch blobs of water or food in the air.
 4. Gravity pulls everything towards the earth, keeping us grounded. Its absence in space causes floating and weightlessness.
 5. Astronauts strap themselves to stay in place while working because everything floats in space.
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Long Questions

1. **Challenges in Space:** Astronauts face challenges like floating, eating, drinking, and sleeping due to the absence of gravity. They adapt by using straps, catching food, and learning new ways to move and work in the spaceship.
2. **What is Gravity:** Gravity is the force that pulls everything towards the earth. In space, its absence causes objects to float freely. This affects basic activities, requiring astronauts to adapt.
3. **Observing Earth from Space:** Viewing earth from space reveals its beauty and unity, showing no borders between countries. It helps us understand the need to care for our planet and appreciate its uniqueness.