

## **Text-Dependent Questions and Writing Prompt for Complex Text**

**Article Title:** How Does Going To The Bathroom in Space Work?

**Author:** Stephanie Watson

### **Vocabulary Questions:**

1. In the section “Life in Space,” in the second paragraph, the author says of some foods that although “they are perfectly *innocuous* on Earth, they can be downright dangerous in space.” Using context clues, what does *innocuous* means?
2. Explain why you need *gravity* to flush a regular toilet. What do you predict might happen from flushing a toilet without gravity? (Don’t be overly gross.)

### **Text Evidence/Content Questions:**

1. Write in your own words a summary of where the solid and liquid waste go on the International Space Station. Why are they processed differently?
2. Find two *analogies*—comparisons made to show such a similarity—that the author uses. For each, explain why the author chooses to make these comparisons.
3. Why is it “even more challenging” to use the bathroom when astronauts take a walk outside their spacecraft? How do astronauts overcome this problem when they take space walks?

### **Writing Prompt:**

Using evidence from the text, explain how technology is essential for humans to live in outer space. Give at least two detailed examples from the article that support the idea that if it were not for technology, space exploration would be impossible.

