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## Optimism Builds for March Artemis II Moon Mission After Test

### Description

A second fueling test of NASA's Space Launch System (SLS) rocket concluded successfully on Thursday night, allowing officials to plan for the launch of four astronauts around the Moon, potentially on March 6.

This test, conducted at Kennedy Space Center in Florida, showed improvements over the first attempt on February 2, which had encountered significant hydrogen leaks. Technicians replaced seals after repairs earlier this month, and during Thursday's countdown, the new seals functioned effectively.

Lori Glaze, acting associate administrator for NASA's exploration programs, stated, "For the most part, those fixes all performed pretty well yesterday." She confirmed that the SLS rocket was fully fueled within the intended timeline.

The positive outcome keeps the Artemis II mission on track for a March launch. Earlier this month, NASA abandoned several launch opportunities in February due to ongoing hydrogen leak issues during the first Wet Dress Rehearsal (WDR).

"We're now targeting March 6 as our earliest launch attempt," Glaze added. However, she cautioned that additional work remains before the launch can occur.

If all preparations are completed, the Artemis II liftoff could happen within a two-hour window starting at 8:29 pm EST on March 6 (01:29 UTC on March 7). Alternative launch dates on March 7, 8, 9, and 11 are also available, but a delay until April is possible. The launch depends on various factors, including the Moon's position.

The Artemis II mission will last between nine and ten days, sending NASA's Orion spacecraft, piloted by Reid Wiseman, Victor Glover, Christina Koch, and Jeremy Hansen, around the far side of the Moon and back to Earth, where it will splash down in the Pacific Ocean. This mission aims to set a record for the farthest humans have travelled from Earth since 1972.

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### Vocabulary List:

1. **Fueling** /'fju:əlɪŋ/ (noun): The process of filling a vehicle or spacecraft with fuel.
2. **Improvements** /ɪm'pru:vmənts/ (noun): Enhancements or advancements made to increase quality or performance.
3. **Encountered** /ɪn'kaʊntəd/ (verb): Faced or experienced something often unexpectedly.
4. **Cautioned** /'kɔ:ʃənd/ (verb): Advised someone to be careful or to consider potential risks.
5. **Depend** /dɪ'pend/ (verb): To rely on or be determined by something else.
6. **Mission** /'mɪʃən/ (noun): An important task or function assigned to a person or group.



## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. What term describes an improvement or upgrade in performance?  
Option: Exploitation  
Option: Enhancement  
Option: Defiance  
Option: Marginalized
2. Which word means to warn someone about a potential risk?  
Option: Interred  
Option: Cautioned  
Option: Depend  
Option: Harmonic
3. Which phrase is commonly associated with how well someone or something functions?  
Option: Characterisation  
Option: Performance  
Option: Interplay  
Option: Oscillation
4. What word is used to describe something that consists of many different and connected parts?  
Option: Formidable  
Option: Complex  
Option: Dissatisfaction  
Option: Producing
5. Which term relates to art or creativity?  
Option: Gameplay  
Option: Artistic  
Option: Exploitation  
Option: Oscillation
6. What word refers to a specific task or job that a person or group is assigned?  
Option: Encounters  
Option: Mission  
Option: Consistent  
Option: Rites
7. What term describes the feeling of not being satisfied with something?



- Option: Depend
- Option: Dissatisfaction
- Option: Interred
- Option: Resonate

8. What word refers to the action of using something unfairly for one's own advantage?

- Option: Defiance
- Option: Interplay
- Option: Persecution
- Option: Exploitation

9. Which word means very great or intense?

- Option: Profound
- Option: Interred
- Option: Harmonic
- Option: Marginalized

10. What term describes the action of swinging back and forth at a regular speed?

- Option: Encounters
- Option: Oscillation
- Option: Elucidate
- Option: Artistic

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. The success of the project will \_\_\_\_\_ on the teamwork and resources available.
12. The studio announced plans to \_\_\_\_\_ the classic movie with modern technology.
13. During the hike they \_\_\_\_\_ several obstacles including rocky terrain.
14. The author's \_\_\_\_\_ of the protagonist was compelling and relatable.
15. The soldier was \_\_\_\_\_ with full military honors in the national cemetery.
16. The team faced a \_\_\_\_\_ opponent known for their skilled players.
17. Her \_\_\_\_\_ talents were recognized when she won the regional art competition.
18. The athlete trained daily to build \_\_\_\_\_ in her performance over time.



19. The choir's \_\_\_\_\_ rendition of the song moved the audience to tears.
20. The \_\_\_\_\_ of light and shadow created a stunning visual effect in the painting.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. The chef emphasized the importance of consistency in baking for perfect results.
22. The performers created a harmonic blend of voices that captivated the audience.
23. His defiance in the face of challenges inspired others to stand up for their beliefs.
24. The documentary shed light on the exploitation of workers in the garment industry.
25. The professor aimed to elucidate complex theories for the benefit of her students.
26. The speaker delivered a speech that had a profound impact on the audience leaving them inspired.
27. The film studio decided to remake the classic movie due to its enduring popularity.
28. Her artistic vision transformed the ordinary space into an extraordinary gallery.
29. The project aims to empower marginalized communities by giving them a voice in decision-making.
30. His performance in the play garnered critical acclaim from reviewers.

## Answer

**Multiple Choice:** 1. Enhancement 2. Cautioned 3. Performance 4. Complex 5. Artistic 6. Mission  
7. Dissatisfaction 8. Exploitation 9. Profound 10. Oscillation

**Gap-Fill:** 11. depend 12. remake 13. encountered 14. characterisation 15. interred 16. formidable 17. artistic  
18. consistency 19. harmonic 20. interplay

**Matching sentence:** 1. consistency 2. harmonic 3. defiance 4. exploitation 5. elucidate 6. profound 7. remake  
8. artistic 9. marginalized 10. performance

## CATEGORY

1. Sci/Tech - LEVEL5

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