



Who will claim ownership of the Moon? A fresh space competition suggests it may be in contention.

Description

In the midst of a Moon rush, countries and companies have set their sights on the lunar surface in a race for resources and space dominance. The question lingers: are we prepared for this new era of lunar exploration?

Recent events have showcased China's flag unfurled on the Moon, marking the country's fourth landing and the first mission to retrieve samples from the far side. India, Japan, and a US firm have also made successful lunar landings in the past year.

Plans for human missions to the Moon are also underway, with Nasa's Artemis astronauts aiming for a 2026 landing and China targeting a 2030 human mission with plans for permanent bases.

However, this new space race raises concerns about potential tensions on Earth being exported to the lunar surface. The existing Outer Space Treaty, established during the Cold War, prohibits any nation from claiming ownership of the Moon.

The modern Moon missions differ as private companies are now key players alongside nations. Commercial missions are on the rise, with companies aiming to capitalize on lunar resources like rare earths, metals, and water ice.

The race for lunar resources has prompted the creation of new guidelines like the Artemis Accords, with more than 40 countries signing on. However, questions remain about how resource allocation and territorial claims will be managed on the Moon, especially with the US and China leading the way.

As this new space race unfolds, the world watches to see how lunar exploration will shape our future and whether it risks mirroring earthly rivalries in the vast expanse of space.

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Vocabulary List:

1. **Dominance** // (noun): The state of being more powerful or controlling than others.
2. **Retrieve** // (verb): To get back or bring back something.
3. **Astronauts** // (noun): A person who is trained to travel in space.
4. **Treaty** // (noun): A formal and legally binding agreement between states or nations.
5. **Territorial** // (adjective): Relating to territory and/or ownership of an area.
6. **Accords** // (noun): An official agreement or treaty.

Vocabulary quizzes

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

1. What is the term used to describe increasing the intensity or volume of a particular activity or process?
Option: Aggressive
Option: Expedite
Option: Ramping up
Option: Enhances
2. Which term refers to using something again for a similar purpose?
Option: Stored
Option: Privacy
Option: Reuse
Option: Treaty
3. What word describes something related to rules or regulations?



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- Option: Retrieval
Option: Regulatory
Option: Accords
Option: Astronauts
4. Which term is used to describe the effect or influence of one thing on another?
- Option: Stored
Option: Privacy
Option: Impact
Option: Deadline
5. What does the term "Establish" mean?
- Option: Advancements
Option: Integration
Option: Establish
Option: Enhances
6. Which term refers to relating to land or territory?
- Option: Stored
Option: Privacy
Option: Impact
Option: Territorial
7. What is the term used to describe the formal consent or agreement to a decision or request?
- Option: Stored
Option: Approval
Option: Impact
Option: Deadline
8. Which term means to make something happen sooner or more quickly?
- Option: Aggressive
Option: Expedite
Option: Ramping up
Option: Enhances
9. What is the term for the ability or permission to enter or use something?
- Option: Access
Option: Stored
Option: Privacy
Option: Deadline
10. What is a term meaning to intensify increase or further improve the quality value or extent of something?



- Option: Retrieval
- Option: Enhances
- Option: Accords
- Option: Astronauts

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

11. Being _____ is essential in today's business environment.
12. Data is securely _____ in the cloud.
13. The company aims to achieve market _____ through innovative strategies.
14. The new policy will have a significant _____ on the economy.
15. The spacecraft's safe _____ into the Earth's atmosphere was a crucial part of the mission.
16. It is important to respect individuals' right to _____.
17. Please ensure all project tasks are completed before the _____.
18. The company adopted an _____ marketing campaign to attract new customers.
19. The board of directors granted _____ for the new budget proposal.
20. The system offers a high level of _____ for the user.

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

21. Employee is crucial for a company to maintain institutional knowledge and experience.
22. The software allows users to easily files from the cloud storage.
23. undergo rigorous training before embarking on space missions.
24. The countries signed a to promote peace and cooperation.
25. The company its latest product at the technology expo.



26. of new software into the existing system was completed successfully.
27. Technological have revolutionized many industries.
28. The company outlined a plan to expand its market reach.
29. Receiving an for your hard work can boost morale.
30. The nations reached diplomatic to address border disputes.

Answer

Multiple Choice: 1. Ramping up 2. Reuse 3. Regulatory 4. Impact 5. Establish 6. Territorial 7. Approval
8. Expedite 9. Access 10. Enhances

Gap-Fill: 11. competitive 12. stored 13. dominance 14. impact 15. reentry 16. privacy 17. deadline
18. aggressive 19. approval 20. controllability

Matching sentence: 1. retention 2. retrieve 3. Astronauts 4. Treaty 5. unveiled 6. Integration 7. Advancements
8. strategic 9. acknowledgment 10. Accords

CATEGORY

1. Sci/Tech - LEVEL6

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