



# SpaceX successfully deploys 23 Starlink satellites on Falcon 9 mission from Cape Canaveral

## Description

SpaceX successfully launched 23 more Starlink satellites into orbit on Sunday evening, marking the 29th dedicated launch of Starlink satellites in 2024. The Falcon 9 rocket took off from Space Launch Complex 40 at Cape Canaveral Space Force Station at 6:08 p.m. EDT. The first stage booster, B1076, made its 13th successful launch and landed on the SpaceX droneship, 'Just Read the Instructions,' marking the 80th landing on the ship and the 301st booster landing overall.

This launch added to the 5,874 Starlink satellites already in orbit, with a total of 633 launched in 2024. In a social media post, SpaceX's vice president of launch highlighted the team's five-hour turnaround of the droneship at Port Canaveral. Additionally, SpaceX announced that the Federated States of Micronesia now has access to Starlink service.

In other news, the SpaceX Cargo Dragon undocked from the International Space Station on Tuesday, beginning its journey to splashdown off the coast of Florida. The conclusion of the CRS-30 mission, which carried over 4,000 pounds of science experiments, sets the stage for Boeing's first crewed mission using the Starliner spacecraft. SpaceX will need to relocate its Crew Dragon spacecraft before this mission can proceed.

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## Vocabulary List:

1. **satellites** // (noun): An artificial body placed in orbit around the earth or another planet in order to collect information or for communication purposes.
2. **orbit** // (noun): The curved path of a celestial object or spacecraft around a starplanetor moon.
3. **Booster** // (noun): A rocket or auxiliary unit on a spacecraftaircraftor vehicleespecially when initiating or increasing speed or altitude.
4. **droneship** // (noun): A vessel that SpaceX uses to recover rocket boosters at sea after launch.
5. **splashdown** // (noun): The landing of a spacecraft in the ocean or other body of water.
6. **relocate** // (verb): To move or shift to a new place or position.

## Vocabulary quizzes

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

1. What is the term used to describe the act of sending a rocket into space?  
Option: Energize  
Option: Liftoff  
Option: Neglected  
Option: Decommissioned
2. Which component is used to enhance the initial thrust of a rocket at launch?  
Option: Milestone  
Option: Booster  
Option: Flaw  
Option: Steal
3. What type of unmanned aerial vehicle operates autonomously or by remote control?  
Option: Authentication  
Option: Drone  
Option: Snippet  
Option: Boasts
4. In space science what is the path followed by an object revolving around another object?



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- Option: Snag  
Option: Relocate  
Option: Orbit  
Option: Unauthorized
5. Which term refers to the likelihood of an event occurring?  
Option: Defend  
Option: Auctioning  
Option: Probability  
Option: Exploit
6. What word describes actions that are not permitted or approved?  
Option: Prompting  
Option: Loophole  
Option: Unauthorized  
Option: Satellites
7. Which term refers to objects launched into space for various purposes like communication or observation?  
Option: Satellites  
Option: Energize  
Option: Launch  
Option: Booster
8. What is the term for the landing of a spacecraft in the sea after a mission?  
Option: Snag  
Option: Milestone  
Option: Splashdown  
Option: Decommissioned
9. Which term means to give energy or power to something?  
Option: Influence  
Option: Energize  
Option: Boost  
Option: Auctioning
10. What word describes something that has been ignored or not given enough attention?  
Option: Neglected  
Option: Coordinating  
Option: Enthusiasts  
Option: Steal



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

11. The famous artist's work had a significant \_\_\_\_\_ on modern art movements.
12. The urgent situation was a \_\_\_\_\_ factor for the team to take immediate action.
13. Users need to provide valid login details for proper \_\_\_\_\_ to access the system.
14. The luxury car \_\_\_\_\_ high-performance features and cutting-edge technology.
15. The article included a brief \_\_\_\_\_ of the upcoming movie plot.
16. The unexpected technical \_\_\_\_\_ delayed the product launch.
17. The rare artwork is up for \_\_\_\_\_ to the highest bidder at the prestigious auction house.
18. Regular exercise can help \_\_\_\_\_ your overall health and well-being.
19. Car \_\_\_\_\_ gathered at the track to watch the new sports car in action.
20. The thief attempted to \_\_\_\_\_ valuable jewelry from the museum.

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

21. The space agency planned a challenging expedition to Mars to conduct groundbreaking research.
22. The lawyer had to present a strong case in court to protect the client from false accusations.
23. The project manager was responsible for organizing and managing the team's tasks to ensure timely completion.
24. The additional rocket stage provided the necessary thrust to propel the spacecraft into orbit.
25. The countdown began as the rocket engines ignited signaling the start of the space mission.
26. The successful completion of the lunar landing was a significant achievement in space exploration.
27. The autonomous aerial vehicle captured stunning aerial footage of the scenic landscape.



28. The scientist calculated the probability of a comet collision with Earth to be extremely low.

29. The quality control team identified a minor flaw in the spacecraft design that needed correction.

30. The motivational speaker aimed to energize the audience with inspiring stories and practical advice.

## Answer

**Multiple Choice:** 1. Liftoff 2. Booster 3. Drone 4. Orbit 5. Probability 6. Unauthorized 7. Satellites 8. Splashdown 9. Energize 10. Neglected

**Gap-Fill:** 11. Influence 12. Prompting 13. Authentication 14. Boasts 15. Snippet 16. Snag 17. Auctioning 18. Boost 19. Enthusiasts 20. Steal

**Matching sentence:** 1. Mission 2. Defend 3. Coordinating 4. Booster 5. Launch 6. Milestone 7. Drone 8. Probability 9. Flaw 10. Energize

## CATEGORY

1. Sci/Tech - LEVEL3

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