



SpaceX successfully launches Maxar's WorldView Legion satellites aboard Falcon 9 from Vandenberg Space Force Base

Description

SpaceX recently completed the first of two planned Falcon 9 launches, deploying a pair of Maxar Space Systems' WorldView Legion satellites. The liftoff took place at Vandenberg Space Force Base in California. The booster used for this mission, B1061, made its 20th launch and successfully landed back at Landing Zone 4 after 8.5 minutes. SpaceX is working towards certifying its Falcon boosters for up to 40 missions each.

The WorldView Legion satellites are the first two of a series of six, which will provide enhanced Earth observation capabilities. These satellites, built on the Maxar 500 series platform, can revisit a location up to 15 times a day. Maxar's technology also supports national security efforts and offers Vessel Detection Services.

In addition to launching the satellites, SpaceX also undertook the relocation of its Crew Dragon spacecraft on the International Space Station and prepared for the Starlink 6-55 mission from Cape Canaveral Space Force Station. This demonstrates SpaceX's ongoing efforts in space exploration and satellite deployment.

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Vocabulary List:

1. **Deployment** // (noun): The act of sending something such as troops or equipment to a particular place.
2. **Booster** // (noun): A component used to enhance the launch of a rocket or missile.
3. **Certifying** // (verb): Officially affirming or attesting to something.
4. **Observation** // (noun): The action or process of closely monitoring or watching something.
5. **Relocation** // (noun): The act of moving to a new place.
6. **Undertook** // (verb): To take on or commit oneself to fulfill.

Vocabulary quizzes

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

1. Which word describes a task that requires effort and difficulty?
Option: Community
Option: Astrophysical
Option: Challenging
Option: Deployment
2. Which word means innovative and pioneering?
Option: Relocation
Option: Groundbreaking
Option: Salvageable
Option: Teasing
3. Which word describes something that is recorded in advance?
Option: Pre-recorded
Option: Undertook
Option: Certifying
Option: Booster
4. Which word refers to the importance or meaning of something?
Option: Stratagem
Option: Significance
Option: Excitement
Option: Development
5. Which word describes ideas or methods that are not traditional or typical?



- Option: Leaker
- Option: Upgrade
- Option: Unconventional
- Option: Isotopic

6. Which word means expected or awaited?

- Option: Observation
- Option: Anticipated
- Option: Teasing
- Option: Rumored

7. Which word refers to a state of being thrilled or eager?

- Option: Undertook
- Option: Excitement
- Option: Liberating
- Option: Booster

8. Which word means something that enhances or improves?

- Option: Stratagem
- Option: Astrophysical
- Option: Booster
- Option: Certifying

9. Which word means to begin or embark on a task or project?

- Option: Observation
- Option: Undertook
- Option: Rumored
- Option: Leaker

10. Which word describes the action of officially approving or confirming something?

- Option: Salvageable
- Option: Certifying
- Option: Teasing
- Option: Development

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

11. It takes a _____ to build a strong support system.

12. The _____ of new technology will enhance our efficiency.



13. Despite the damage some parts of the ship were still _____.
14. Studying stars and galaxies falls under the field of _____ sciences.
15. The lab analyzed the _____ composition of the rock samples.
16. She enjoyed _____ her sister about the surprise party.
17. Children often exhibit a natural _____ about the world around them.
18. The company _____ its software to include more features.
19. Car racing _____ eagerly awaited the championship.
20. We are waiting for the _____ of the schedule before booking our tickets.

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

21. The controversial topic sparked a heated discussion among the panelists.
22. Traveling alone for the first time felt like a freeing experience.
23. Scientists discovered ancient stardust that predates our solar system.
24. The company achieved an unparalleled level of success this quarter.
25. The study of black holes and dark matter falls within the realm of physics.
26. There are whispers among the staff about upcoming changes in the company.
27. The rapid advancement in technology is a key aspect of societal progress.
28. Movie fans eagerly awaited the release of the blockbuster sequel.
29. The official statement provided reassurance and validation of the news.
30. The crowd erupted with joy and enthusiasm when the team scored the winning goal.

Answer

Multiple Choice: 1. Challenging 2. Groundbreaking 3. Pre-recorded 4. Significance 5. Unconventional
6. Anticipated



7. Excitement 8. Booster 9. Undertook 10. Certifying

Gap-Fill: 11. Community 12. Deployment 13. Salvageable 14. Astrophysical 15. Isotopic 16. Teasing
17. Curiosity 18. Upgraded 19. Enthusiasts 20. Confirmation

Matching sentence: 1. Debate 2. Liberating 3. Presolar 4. Unprecedented 5. Astrophysical 6. Rumored
7. Development 8. Anticipated 9. Confirmation 10. Excitement

CATEGORY

1. Sci/Tech - LEVEL2

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