



SpaceX Prepares to Send Crew-8 to Space Station Amid Russia Tensions

Description

SpaceX aims to send a new group of astronauts to the International Space Station (ISS) soon. The ISS has been leaking air and lately it has got worse. In a recent meeting, Joel Montalbano, the manager of NASA's ISS program, mentioned that the leak rate doubled from one to two pounds per day. The leak is in the space station's Russian part. It has been closed off by shutting a door to the affected area.

The space trip to the ISS consists of three NASA astronauts and a Russian astronaut. They will take off from the Kennedy Space Center in Florida. They will travel on a SpaceX Falcon 9 rocket and Dragon spacecraft. The weather may affect the launch time, so the mission could be delayed. If it launches on Saturday night, the Dragon is set to connect with the ISS on Sunday afternoon.

There is also concern about Russia possibly developing a nuclear weapon that could attack satellites. This is worrying, because it could damage the ISS or other space stations. NASA Administrator Bill Nelson voiced his concerns if the reports about this threat are true.

Boeing is also getting ready to send astronauts to the ISS. After a lot of delays, it is finally going to test a flight to the space station in late April. NASA is excited about this and looks forward to having two ways of sending crews to the space station. With two options, if one has a problem, the other can be used.

Vocabulary List:

1. **Astronauts** // (noun): A person who is trained to travel in a spacecraft.
2. **Leaking** // (adjective): Allowing something to pass through a hole or crack.
3. **Rate** // (noun): The speed at which something happens.
4. **Connect** // (verb): Link or join something.
5. **Delayed** // (verb): Make something happen at a later time than originally planned.
6. **Damaged** // (adjective): Harmed or injured.

Vocabulary quizzes

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

1. What is the process of providing medical care to improve a patient's health?

Option: A. Cure

Option: B. Treatment



Option: C. Prevention

Option: D. Diagnosis

2. Who are individuals trained to travel and work in space?

Option: A. Astronomers

Option: B. Cosmonauts

Option: C. Astronauts

Option: D. Pilots

3. Which branch of mathematics deals with shapes sizes and properties of space?

Option: A. Trigonometry

Option: B. Algebra

Option: C. Geometry

Option: D. Calculus

4. What is an evaluation or assessment of something such as a movie or product?

Option: A. Critique

Option: B. Review

Option: C. Summary

Option: D. Conclusion

5. What happens when something is postponed or not done immediately?

Option: A. Rushed

Option: B. Quick

Option: C. Delayed

Option: D. On time

6. Which term describes something based on experience and observation rather than theory?

Option: A. Theoretical

Option: B. Hypothetical

Option: C. Practical

Option: D. Imaginary

7. What is a term used to describe something thrilling or full of excitement?

Option: A. Boring

Option: B. Monotonous

Option: C. Exciting

Option: D. Tedious

8. What is the total income generated by a business through its operations?

Option: A. Expense

Option: B. Capital

Option: C. Revenue



Option: D. Profit

9. Which term means to have enough money to pay for something?

Option: A. Borrow

Option: B. Save

Option: C. Afford

Option: D. Donate

10. Which term refers to the state of being protected from harm or danger?

Option: A. Danger

Option: B. Risk

Option: C. Safety

Option: D. Hazard

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

11. How do you feel when you are extremely _____ ?

12. What should you do if the faucet is _____ ?

13. A(n) _____ was made against the suspect in the investigation.

14. Helium is a _____ gas that is often used in balloons.

15. Remember to regularly _____ your important files to avoid data loss.

16. The sunset over the ocean was truly _____ .

17. Our main _____ in the market just released a new product.

18. Taking breaks and practicing self-care are important for maintaining good _____ .

19. The company decided to adjust its _____ strategy to attract more customers.

20. The interest _____ on the loan was higher than expected.

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

21. He felt a deep sense of sorrow and melancholy upon hearing the news.

22. The bridge serves to link the two sides of the river allowing people to cross over.



23. The storm caused severe harm to the property leaving it in a state of disrepair.
24. The legal action taken against the company resulted in a lengthy court case.
25. The radio operator adjusted the frequencies to tune in to different stations.
26. After hours of investigation the detectives finally cracked the case and solved the mystery.
27. The exchange rate between the two currencies fluctuates daily based on market conditions.
28. The scientist proposed a groundbreaking theory that challenged existing beliefs in the field.
29. Due to budget constraints they could not afford to purchase the new equipment.
30. The latest smartphone model quickly became popular among tech enthusiasts worldwide.

Answer

Multiple Choice: 1. B. Treatment 2. C. Astronauts 3. C. Geometry 4. B. Review 5. C. Delayed 6. C. Practical 7. C. Exciting 8. C. Revenue 9. C. Afford 10. C. Safety

Gap-Fill: 11. Angry 12. Leaking 13. Allegation 14. High 15. Back up 16. Beautiful 17. Competitor 18. Mental health 19. Pricing 20. Rate

Matching sentence: 1. Sadness 2. Connect 3. Damaged 4. Lawsuit 5. Frequencies 6. Solved 7. Rate 8. Theoretical 9. Afford 10. Popular

CATEGORY

1. Sci/Tech - LEVEL2

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Author

aimeeyoung99