

Blue Ghost Lander Delivers NASA's Special Cargo on Moon

Description

CAPE CANAVERAL, Fla. -- A private lander from Firefly Aerospace landed on the moon on Sunday. This lander carries tools for NASA to do experiments. It is part of a group of companies that want to build businesses on the moon before sending astronauts there.

The Blue Ghost lander flew down from space to land safely on the moon. It landed in an old volcanic area.

Engineers said, "We're on the moon!" after they confirmed the landing from Texas, about 225,000 miles away.

This landing makes Firefly the first private company to land safely on the moon.

About 30 minutes after landing, Blue Ghost sent back its first pictures. One picture was a selfie, and another showed Earth as a small blue dot in space.

Two other landers are getting ready to land soon. The Blue Ghost is wide and strong, which helps it land safely.

This mission is a step towards more private lunar work. NASA wants to send two private landers to the moon each year.

Firefly's CEO said everything happened as planned. "We got some moon dust on our boots," he added.

Vocabulary List:

- 1. Lander /ˈlændər/ (noun): A vehicle designed to land on the surface of a celestial body.
- 2. **Experiments** /ɪk'spɛrɪmənts/ (noun): Scientific tests done to discover or prove something.
- 3. Volcanic /vɔlˈkænɪk/ (adjective): Relating to or produced by a volcano.
- 4. Mission /ˈmɪʃən/ (noun): An important task or duty assigned to a person or group.
- 5. **Confirmed** /kənˈfɜːrmd/ (verb): To validate or corroborate a fact or situation.
- 6. Astronauts /'æstrə,nɔ:ts/ (noun): Trained personnel who travel and work in space.

Comprehension Questions



Multiple Choice

1. Where did the private lander from Firefly Aerospace land?

Option: Mars Option: Moon Option: Jupiter Option: Saturn

2. What did the Blue Ghost lander carry for NASA?

Option: Astronauts Option: Experiments Option: Food supplies

Option: Fuel

3. What area did the Blue Ghost lander touch down on on the moon?

Option: Crater

Option: Volcanic area Option: Plateau Option: Desert

NEWS.COM 4. What did the first pictures sent back by Blue Ghost show?

Option: Martians

Option: Selfie and Earth as a blue dot

Option: Alien structures Option: Space debris

5. How many private landers does NASA want to send to the moon each year?

Option: One Option: Two Option: Three Option: Four

6. What is the significance of the Blue Ghost mission for Firefly Aerospace?

Option: First private company to land on Mars

Option: First private company to land safely on the moon

Option: First private company to reach Saturn Option: First private company to mine asteroids



True-False

- 7. The Blue Ghost lander landed on the moon.
- 8. The Blue Ghost lander is the first private company to land safely on the moon.
- 9. NASA plans to send one private lander to the moon each year.
- 10. The Firefly Aerospace CEO mentioned that the mission did not go as planned.
- 11. The Blue Ghost sent images of alien life forms on the moon.
- 12. The Blue Ghost landed in a desert area on the moon.

Gap-Fill

13. Firefly wants to build businesses on the moon before sending astronauts there. The	he Blue Ghost is part
of this effort to develop lunar	
14. Two other landers are getting ready to land soon, which indicates increasing inter	rest in private
	•
exploration.	
15. The Firefly CEO confirmed that everything happened as	during the mission.
	, aag
16. About 30 minutes after landing, Blue Ghost sent back its first	of the moon.
	or the moon
17. The Blue Ghost landed in an old area on the moon.	
17. The Blace Ghost landed in all old	
18. Engineers confirmed the landing from, about 225,000 n	niles away
to. Engineers committee the fanding from, about 225,000 h	ililes away.

Answer

Multiple Choice: 1. Moon 2. Experiments 3. Volcanic area 4. Selfie and Earth as a blue dot 5. Two 6. First private company to land safely on the moon

True-False: 7. True 8. True 9. False 10. False 11. False 12. False

Gap-Fill: 13. commerce 14. lunar 15. planned 16. pictures 17. volcanic 18. Texas



Vocabulary quizzes

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

1. Which term refers to the stage of software development where a product is tested by a select group of users?

Option: Beta Option: Emojis

Option: Control Center

Option: Lander

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

Option: Villain Option: Ambient Option: Astronauts **Option: Notifications**

3. Which term is related to geological activities involving volcanoes? ESL-NE

Option: Control Center

Option: Volcanic

Option: Experiments Option: Connect

4. What do you call distinctive attributes or aspects of something?

Option: Switch Option: Destroyed **Option: Features** Option: Special

5. Who is typically a parent of one's parent?

Option: Surprising Option: Bond

Option: Grandparents

Option: Mission

6. Which term means causing astonishment or amazement?

Option: Surprising Option: Announced Option: Lander Option: Experiments



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7. What is a variant of a chemical element with the same number of protons but different neutrons?	
Option: Lander	
Option: Isotope	
Option: Memories	
Option: Switch	
3. What is the chemical process involving the loss of electrons?	
Option: Notifications	
Option: Bond	
Option: Oxidation	
Option: Recipes	
9. Who is the character often regarded as the antagonist in a story?	
Option: Stromatolites	
Option: Villain	
Option: Nutrients	
Option: Astronauts	
10. What are substances that provide nourishment essential for the maintenance of life and growth?	
Option: Nutrients Option: Switch Option: Memories	
Option: Features	
Option: Switch	
Option: Memories	
Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)	
play a significant role in how we perceive and interact with the world.	
11 play a significant role in how we perceive and interact with the world.	
12. The astronauts were assigned a critical to explore a distant planet.	
13. The research team that the new drug is effective in treating the disease.	
that the new drug is effective in treating the disease.	
14. Our of childhood often shape our personality and outlook on life.	
15. Please remember to turn off the lights before you to the next room.	
16. Receiving a handmade gift can make someone feel truly	
17. The villain sought to the peaceful kingdom and claim the throne.	
18. The latest smartphone model boasts advanced camera for better	



photography.
19. There is a strong between the twins that goes beyond mere sibling
connection.
20. The new app allows users to easily with friends and family through messaging.
Matching Sentences (Match each definition to the correct word from the vocabulary list.)
21. Timely alerts and updates are sent through the app to keep users informed.
22. The central hub for managing various settings and preferences on the device.
23. Scientific tests and trials conducted to validate hypotheses or discover new phenomena.
24. The spacecraft component designed to safely land on a planetary surface.
25. To establish a relationship or link between two or more entities.
26. Detailed instructions for preparing a variety of delicious dishes.
27. Refers to the surrounding environmental conditions or atmosphere.
28. Ancient structures formed by layering of microbial mats in shallow water.
29. A close connection or strong relationship between individuals or groups.
30. The antagonist or negative character often opposing the protagonist in stories.

Answer

Multiple Choice: 1. Beta 2. Astronauts 3. Volcanic 4. Features 5. Grandparents 6. Surprising 7. Isotope 8. Oxidation 9. Villain 10. Nutrients

Gap-Fill: 11. Emotions 12. Mission 13. Confirmed 14. Memories 15. Switch 16. Special 17. Destroy 18. Features 19. Bond 20. Connect

Matching sentence: 1. Notifications 2. Control Center 3. Experiments 4. Lander 5. Connect 6. Recipes 7. Ambient 8. Stromatolites 9. Bond 10. Villain

CATEGORY

1. Sci/Tech - LEVEL1



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