



Exploring Mars: Journey Along a Shifting River

Description

NASA's Mars Perseverance rover took a picture of "Slants River." The rock there broke after being worked on by the rover. The rover uses a special camera called SHERLOC WATSON to take close-up images. This camera helps scientists search for signs of past life on Mars. Perseverance also has another camera called WATSON. It takes color pictures of rocks and surfaces. The team planned well. Even with the broken rock, they did a good job getting close and scanning it. On March 5, 2025, Perseverance took this picture during its mission on Mars.

Perseverance is exploring Mars and collecting samples from different places. The rover is now at Broom Point, where it sees different layers of rocks. These layers tell us about the history of Mars. The rover will keep working to learn more about Mars' past!

Vocabulary List:

1. **Perseverance** /ˌpɜːr.sɪˈvɪər.əns/ (noun): Steadfastness in doing something despite difficulty or delay in achieving success.
2. **Exploring** /ɪkˈsplɔːr.ɪŋ/ (verb): Traveling through an unfamiliar area to learn about it.
3. **Scanned** /skænd/ (verb): Examined closely typically with the aim of finding something specific.
4. **Layers** /ˈleɪ.ərz/ (noun): Thicknesses or strata usually stacked on top of each other.
5. **History** /ˈhɪs.tər.i/ (noun): The study of past events particularly in human affairs.
6. **Camera** /ˈkæm.ər.ə/ (noun): A device for recording visual images in the form of photographs video or film.

Comprehension Questions

Multiple Choice

1. What is the name of the special camera used by NASA's Mars Perseverance rover to take close-up images?

Option: SHERLOC WATSON

Option: Mars Cam

Option: Red Planet Cam

Option: RoverScope



2. Which camera on Perseverance takes color pictures of rocks and surfaces?

Option: SHERLOC WATSON

Option: WATSON

Option: Mars Cam

Option: Red Planet Cam

3. Where is Perseverance located currently for its mission on Mars?

Option: Slants River

Option: Broom Point

Option: Mars Canyon

Option: Red Planet Valley

4. What does the team use SHERLOC WATSON for on Mars?

Option: Taking color pictures

Option: Searching for signs of past life

Option: Analyzing rock composition

Option: Navigating the rover

5. On what date did Perseverance take the picture of

Option: March 5, 2025

Option: April 10, 2025

Option: February 28, 2025

Option: January 15, 2025

6. What do the different layers of rocks at Broom Point tell us about on Mars?

Option: Formation of clouds

Option: The temperature on Mars

Option: The history of Mars

Option: Presence of water

True-False

7. The rock at

8. Perseverance is not collecting samples from Mars during its mission.

9. The team was not successful in getting close and scanning the broken rock at



10. Perseverance took the picture of _____
11. The different layers of rocks at Broom Point are not important for understanding Mars' history.
12. SHERLOC WATSON is not used to search for signs of past life on Mars.

Gap-Fill

13. What is the special camera called that Perseverance uses to take close-up images on Mars? SHERLOC _____
15. The layers of rocks at Broom Point provide insights into Mars' _____.
16. Perseverance is exploring Mars and collecting _____ from different places.
17. On March 5, 2025, Perseverance took a picture during its mission on _____.
18. The WATSON camera on Perseverance takes color pictures of rocks and _____.

Answer

Multiple Choice: 1. SHERLOC WATSON 2. WATSON 3. Broom Point 4. Searching for signs of past life 5. March 5, 2025 6. The history of Mars

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

Gap-Fill: 13. WATSON 15. history 16. samples 17. Mars 18. surfaces

Vocabulary quizzes

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

1. What type of malicious software is designed to harm or damage a computer or network?
- Option: Trojan
 - Option: Adware
 - Option: Spyware
 - Option: Malware
2. What term refers to the practice of protecting systems networks and programs from digital attacks?



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- Option: Hacking
Option: Cyberterrorism
Option: Cybersecurity
Option: Phishing
3. Which device is commonly used for capturing images and recording videos?
- Option: Keyboard
Option: Printer
Option: Speaker
Option: Camera
4. What term describes the force exerted on a surface per unit area?
- Option: Temperature
Option: Pressure
Option: Volume
Option: Mass
5. What type of device has a screen that can be folded or bent?
- Option: PC
Option: Smartphone
Option: Tablet
Option: Foldable
6. What type of service gives you access to content or features for a recurring fee?
- Option: Free
Option: One-time purchase
Option: Subscription
Option: Premium
7. Who acts on behalf of others or represents a group or organization?
- Option: Client
Option: Manager
Option: Representative
Option: Supervisor
8. What process involves following the movements or activities of users online?
- Option: Tracking
Option: Browsing
Option: Encrypting
Option: Sharing
9. Which trait is characterized by persistence and determination in achieving goals?
- Option: Resilience



- Option: Perseverance
Option: Flexibility
Option: Adaptability

10. What activity involves raising awareness and generating interest in a product or service?

- Option: Supporting
Option: Producing
Option: Promoting
Option: Developing

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

11. The document was _____ for viruses before being downloaded.
12. The company needs to analyze its _____ to improve financial efficiency.
13. Customers can place _____ for the new smartphone before its official release.
14. It is important not to _____ with evidence at a crime scene.
15. Every scientific theory has its own set of _____ that need to be considered.
16. The team discovered a new species of fish living in the _____ caves.
17. The company's reputation was at _____ after the scandal.
18. The spokesperson will _____ the company at the international conference.
19. It is important to create regular data _____ to prevent data loss.
20. The security system has multiple _____ of protection to deter hackers.

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

21. The magician performed a clever illusion that amazed the audience.
22. The commercial showcased the new product features in a creative way.
23. The premium version of the app offers an experience without advertisements.
24. The police officers were actively monitoring the neighborhood for any suspicious activity.



25. The security system can quickly identify intrusions and unauthorized access.
26. Studying the past events and developments is essential to understanding the present.
27. The knights wore heavy protective gear to shield themselves in battles.
28. The diplomat was appointed as an official representative to a foreign country.
29. The researchers were investigating new methods to solve the scientific mystery.
30. His determination and persistence led him to overcome numerous obstacles.

Answer

Multiple Choice: 1. Malware 2. Cybersecurity 3. Camera 4. Pressure 5. Foldable 6. Subscription

7. Representative 8. Tracking 9. Perseverance 10. Promoting

Gap-Fill: 11. scanned 12. costs 13. pre-orders 14. tamper 15. limitations 16. undersea 17. harm 18. represent 19. backups 20. layers

Matching sentence: 1. Trick 2. Ad 3. Ad-free 4. Patrolling 5. Detect 6. History 7. Armor 8. Ambassador 9. Exploring 10. Perseverance

CATEGORY

1. Sci/Tech - LEVEL1

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