



27 Scientific Insights That Could Change Your Perspective

Description

Walt Whitman, a famous American poet, is often quoted as saying, "Be curious, not judgmental." This saying encourages people to explore the world with wonder and a desire to learn. Social media pages like "Satisfy the Curiosity" share interesting scientific facts that can change our understanding of life.

For example, scientists have invented a new "bone glue." This glue can fix broken bones in just three minutes using a robotic device. It hardens quickly and then dissolves as the bone heals. This technology means less pain and quicker recovery for patients.

In space, the Rosette Nebula is a huge cloud where new stars are born. These stars create beautiful shapes as they push away surrounding gas. Meanwhile, researchers have created a high-tech patch that can heal skin by sensing problems in real-time.

A surprising discovery shows that a common fruit, guava, may help fight liver cancer. Scientists found a powerful molecule in it that could be useful in medicine.

These discoveries highlight the exciting progress in science, making our futures brighter with new possibilities.

Vocabulary List:

1. **curious** //ˈkjʊəriəs// (adjective): wanting to learn or know more
2. **invented** //ɪnˈvɛntɪd// (verb): made something new that did not exist
3. **robotic** //rəʊˈbɒtɪk// (adjective): done by or like a robot
4. **dissolves** //dɪˈzɒlvz// (verb): changes from solid to liquid and disappears
5. **nebula** //ˈneɪbjələ// (noun): a very large cloud of gas and dust
6. **molecule** //ˈmɒlɪkjʊl// (noun): a very small part of a chemical substance

Comprehension Questions

Multiple Choice

1. What does Walt Whitman encourage people to be?



- Option: Curious
- Option: Judgmental
- Option: Indifferent
- Option: Critical

2. What is the purpose of the 'bone glue' invented by scientists?

- Option: To repair electronic devices
- Option: To fix broken bones
- Option: To create art
- Option: To connect two pieces of paper

3. What can heal skin by sensing problems in real-time?

- Option: Bone glue
- Option: A high-tech patch
- Option: A robotic device
- Option: A scientific fact

4. What is the Rosette Nebula known for?

- Option: Being a frozen planet
- Option: Being a huge cloud where new stars are born
- Option: Containing black holes
- Option: Being a source of water

5. What fruit is mentioned as potentially helping fight liver cancer?

- Option: Apple
- Option: Banana
- Option: Guava
- Option: Orange

6. What is shared on social media pages like 'Satisfy the Curiosity'?

- Option: Financial advice
- Option: Interesting scientific facts
- Option: Cooking recipes
- Option: Travel destinations

True-False

7. Walt Whitman said, 'Be judgmental, not curious.'



8. The 'bone glue' can fix broken bones in just three minutes.
9. The Rosette Nebula is where old stars die.
10. Guava contains a powerful molecule that may be useful in fighting liver cancer.
11. Researchers have created a patch that heals skin by detecting problems in real-time.
12. Social media does not share scientific facts according to the content.

Gap-Fill

13. Walt Whitman encourages people to be curious, not _____.
14. The 'bone glue' can fix broken bones in just _____ minutes.
15. The Rosette Nebula is a huge cloud where new stars are _____.
16. Guava may help fight liver cancer due to a powerful _____ found in it.
17. A high-tech patch can heal skin by sensing problems in _____.
18. 'Satisfy the Curiosity' shares interesting _____ facts.

Answer

Multiple Choice: 1. Curious 2. To fix broken bones 3. A high-tech patch 4. Being a huge cloud where new stars are born 5. Guava 6. Interesting scientific facts

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

Gap-Fill: 13. judgmental 14. three 15. born 16. molecule 17. real-time 18. scientific

Vocabulary quizzes

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

1. What is the purpose of the launch event scheduled for next week?

Option: To unveil new technologies



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- Option: To celebrate a milestone
Option: To discuss strategies
Option: To gather community feedback
2. What is the primary function of the latest software update?
- Option: Improve security
Option: Add new features
Option: Fix bugs
Option: Enhance performance
3. Which of the following is a highlighted feature of the new smartphone?
- Option: Dual SIM capabilities
Option: Waterproof design
Option: Extended battery life
Option: 5G compatibility
4. What is a common marketing strategy used by tech companies?
- Option: Discount pricing
Option: Customer loyalty programs
Option: Influencer partnerships
Option: Event sponsorships
5. What phenomenon is described as how species have vanished over time?
- Option: Extinction
Option: Evolved
Option: Migrated
Option: Adapted
6. What is a significant challenge facing humanity today?
- Option: Climate change
Option: Technological advancement
Option: Space exploration
Option: Cultural diversity
7. What type of technology is increasingly used in manufacturing sectors?
- Option: 3D printing
Option: Robotic automation
Option: Artificial intelligence
Option: Biotechnology
8. What is the purpose of a coolant in a car engine?
- Option: Lubricate engine parts
Option: Reduce heat



- Option: Clean engine components
- Option: Enhance fuel efficiency

9. In space missions, what is the purpose of a tether?

- Option: Prevent drifting away
- Option: Provide electrical power
- Option: Transmit data
- Option: Enhance communication

10. What is a common theme in stories about spouses?

- Option: Partnership and support
- Option: Competition and rivalry
- Option: Independence and autonomy
- Option: Adventure and exploration

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

11. The software package is offered as a _____ to include multiple applications.
12. I received a notification to _____ my app to the latest version.
13. The new model comes with several innovative _____ that improve user experience.
14. The system will _____ maintenance to enhance its capabilities.
15. Several species are adapting to changing _____ due to climate change.
16. The water has been _____ due to industrial waste.
17. Many children are _____ about how things work.
18. The lightbulb was _____ by Thomas Edison in 1879.
19. Astronauts conducted a _____ to repair the satellite.
20. The car's _____ helps keep the engine cool.

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

21. Natural resources are essential for sustaining life and development on Earth.



22. Having a supportive family can be seen as a blessing in times of need.
23. Family reunions provide a chance for relatives to reconnect and strengthen bonds.
24. I am grateful for the help I received during challenging times.
25. During my layover in Paris, I had a chance to explore the city briefly.
26. Each resident of the community is encouraged to participate in local events.
27. The restaurant can cater to various dietary preferences of its customers.
28. Sugar dissolves quickly in warm water, enhancing the flavor of beverages.
29. A molecule is the smallest unit of a chemical compound that retains its chemical properties.
30. A nebula is an interstellar cloud of dust and gas, often the birthplace of stars.

Answer

Multiple Choice: 1. To unveil new technologies 2. Add new features 3. 5G compatibility 4. Influencer partnerships 5. Extinction 6. Climate change 7. Robotic automation 8. Reduce heat 9. Prevent drifting away 10. Partnership and support

Gap-Fill: 11. bundle 12. update 13. features 14. undergo 15. habitats 16. contaminated 17. curious 18. invented 19. spacewalk 20. radiator

Matching sentence: 1. resources 2. blessing 3. reunions 4. grateful 5. layover 6. resident 7. cater 8. dissolves 9. molecule 10. nebula

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