

## RFK Jr. Supports Measles Vaccine in US Outbreak

### **Description**

Scientists are exploring a tiny but fascinating discovery in the field of life sciences. They have found a new kind of bacteria in the waters off the coast of Madagascar. This bacteria seems to eat plastic, which could be helpful in reducing the large amounts of plastic waste in our oceans.

Plastic waste is a big problem for our planet. It often ends up in the ocean, harming fish, sea animals, and even entering our food chain. Scientists have been searching for ways to solve this issue, and this new bacteria might be part of the solution.

The research team, made up of scientists from several countries, collected samples of water and soil from the beaches of Madagascar. After studying these samples in a lab, they found this unique bacteria. When they tested it, the bacteria broke down plastic into much smaller pieces. This is exciting because it shows the bacteria can help decompose plastic more quickly than usual.

Even though this discovery is exciting, scientists say there is still much work to be done. They need to learn more about how this bacteria works and how it can be used on a larger scale. They're also looking at whether similar bacteria exist in other parts of the world.

Experts hope that in the future, this bacteria could be used to clean up the ocean and landfills filled with plastic waste. This way, it could make a big difference in protecting our environment and making the earth cleaner for everyone. Scientists continue to study and understand this special bacteria's potential to fight pollution.

# **Vocabulary List:**

- 1. **Bacteria** /bæk'tɪə.ri.ə/ (noun): Single-celled microorganisms that can exist either as independent (free-living) organisms or as parasites.
- 2. **Plastic** /'plæs.tɪk/ (noun): A synthetic material made from a wide range of organic polymers commonly used for a variety of products.
- 3. **Decompose** /,di:.kəm'poʊz/ (verb): To break down or cause to break down into components or basic elements.
- 4. **Pollution** /pəˈluːʃən/ (noun): The presence in or introduction into the environment of a substance which has harmful or poisonous effects.
- 5. **Environment** /In'vairenment/ (noun): The surroundings or conditions in which a person animal or plant lives or operates.
- 6. Waste /weist/ (noun): Material that is not wanted or is no longer useful; refuse or litter.



# **Comprehension Questions**

#### **Multiple Choice**

1. Where was the new kind of bacteria found by scientists?

Option: Madagascar Option: Australia Option: Brazil Option: Canada

2. What is the potential benefit of the bacteria discovered by scientists?

Option: Eat plastic

Option: Produce electricity Option: Clean metal waste Option: Absorb carbon dioxide

3.COM 3. What problem does plastic waste cause for the planet?

Option: Ocean pollution Option: Air pollution Option: Noise pollution Option: Visual pollution

4. What did scientists find exciting about the bacteria breaking down plastic?

Option: It can help decompose plastic more quickly than usual Option: It can help decompose plastic more slowly than usual

Option: It can only decompose specific types of plastic

Option: It cannot decompose plastic at all

5. What is one challenge scientists face in utilizing the bacteria on a larger scale?

Option: Understanding how the bacteria works Option: Finding other uses for the bacteria

Option: Discovering the bacteria in other countries

Option: Marketing the bacteria to the public

6. Why are scientists interested in exploring if similar bacteria exist elsewhere?

Option: To expand the potential applications of the bacteria



Option: To sell the bacteria to other countries

Option: To prevent other scientists from using the same bacteria

Option: To keep the discovery a secret

#### **True-False**

- 7. Plastic waste is not a significant problem for the planet.
- 8. Scientists believe the new bacteria can be part of the solution to plastic waste.
- 9. The research team consists of scientists from a single country.
- 10. The bacteria discovered in Madagascar can only decompose natural materials.
- 11. Experts are pessimistic about the potential of using the bacteria to clean up plastic waste.
- 12. Scientists have already fully understood how the new bacteria works.

### **Answer**

**Multiple Choice:** 1. Madagascar 2. Eat plastic 3. Ocean pollution 4. It can help decompose plastic more quickly than usual 5. Understanding how the bacteria works 6. To expand the potential applications of the bacteria

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

# Vocabulary quizzes

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

1. What feeling do people often experience during a celebration?

Option: A. Joy

Option: B. Sadness Option: C. Anger Option: D. Fear

2. What is the harmful contamination of the environment called?

Option: A. Purity
Option: B. Pollution



Option: C. Freshness Option: D. Clarity

3. What word describes having a range of different things?

Option: A. Monotony Option: B. Diversity Option: C. Uniformity Option: D. Simplicity

4. What process involves converting waste materials into reusable objects?

Option: A. Production Option: B. Extraction Option: C. Recycling Option: D. Disposal

5. What term refers to buildings equipment and services provided for a particular purpose?

Option: A. Hindrances Option: B. Obstacles Option: C. Amenities Option: D. Barriers

6. What event is typically marked by festivities and rejoicing?

Option: A. Funeral Option: B. Celebration Option: C. Protest Option: D. Disaster

7. What is the presence in or introduction into the environment of a substance that has harmful effects?

Option: A. Pollution Option: B. Cleanliness Option: C. Purity Option: D. Freshness

8. What term describes improving something by adding or replacing components?

Option: A. Downgrade Option: B. Degrade Option: C. Enhance Option: D. Maintain

9. What term describes things people do for enjoyment or interest?

Option: A. Inactivities Option: B. Tasks

Option: C. Assignments



Option: D. Activities

10. Who are the people living in a specific place?

Option: A. Tourists Option: B. Visitors Option: C. Locals Option: D. Nomads

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

11. It is essential to protect the	for future	e generations.
12. A strong sense of	fosters unity and su	upport among people.
13. The chef prepared a	meal that left ev	veryone satisfied.
14. The company	a new product launch h	nappening next month.
15. Some types of		
16. The neighborhood's	actively participa	ate in local events.
17. The picturesque scenery made the		
18. The news of the upcoming concert	brought much	to the fans.
19. The buffet offered a wide	of dishes to	cater to different tastes.
20. The resort provides a range of recr	reational	for guests to enjoy.
Matching Sentences ( Match each	definition to the correct	word from the vocabulary list. )
21. Organic material can naturally ov	ver time and turn into compo	ost.
22. The hotel staff were very and ma	ade us feel right at home.	
23. The city threw a grand to honor i	ts founding anniversary.	
24. The park is a sanctuary for divers	se wildlife and native habitat	S.
25. The company plans to its technol	logy infrastructure to improv	e efficiency.



- 26. The new employee will have to themselves to the team during the meeting.
- 27. The museum has an impressive of rare artifacts from various historical periods.
- 28. The local came together to organize a charity event for the homeless.
- 29. Traveling to different countries allows you to gain valuable and learn about diverse cultures.
- 30. The company's new packaging is designed to be more friendly and reduce waste.

### Answer

Multiple Choice: 1. A. Joy 2. B. Pollution 3. B. Diversity 4. C. Recycling 5. C. Amenities 6. B. Celebration 7. A. Pollution 8. C. Enhance 9. D. Activities 10. C. Locals

Gap-Fill: 11. Environment 12. Community 13. Delicious 14. Announced 15. Bacteria 16. Residents 17. Attractive 18. Excitement 19. Variety 20. Activities

Matching sentence: 1. Decompose 2. Welcoming 3. Celebration 4. Natural 5. Upgrade 6. Introduce 7. ESL-NE VIS Collection 8. Community 9. Experience 10. Environmentally

#### **CATEGORY**

1. Health - LEVEL3

**Date Created** 2025/03/03 **Author** aimeeyoung99