



Solving Our Planet's Plastic Pollution Crisis: Essential Strategies

Description

Plastic waste in Indonesia

Plastic pollution is a big problem in the world. Countries are discussing ways to reduce it. Researchers say adopting four important policies can help cut plastic waste by 90%. Plastic pollution harms the environment and contributes to greenhouse gas emissions. The policies include using recycled materials, limiting new plastic production, investing in waste management, and imposing a small tax on plastic packaging.

Experts believe these policies can make a big difference. By using less single-use plastic items and implementing global policies, we can reduce plastic pollution. However, local rules alone are not enough to solve this global issue. Countries need to work together to create a strong treaty to tackle plastic pollution effectively. It's important for governments to come together and make the right decisions to protect our planet from the harmful effects of plastic waste.

Vocabulary List:

1. **Pollution** /pə'lu:ʃən/ (noun): The presence or introduction of harmful substances or products into the environment.
2. **Emissions** /i'mɪʃənz/ (noun): The act of releasing something especially gas or radiation.
3. **Investment** /ɪn'vest.mənt/ (noun): The action or process of investing money for profit.
4. **Treaty** /'tri:ti/ (noun): A formally concluded and ratified agreement between countries.
5. **Recycled** /,ri:'saɪklɪd/ (adjective): Processed for reuse.
6. **Harmful** /'hɑ:rmfəl/ (adjective): Causing or capable of causing harm; injurious.

Comprehension Questions

Multiple Choice

1. What are the four important policies recommended by researchers to help cut plastic waste by 90%?

Option: Using recycled materials, limiting new plastic production, investing in waste management, imposing a small tax on plastic packaging

Option: Encouraging single-use plastic items, increasing plastic production, reducing waste management investments, eliminating taxes on plastic packaging

Option: Banning recycled materials, promoting new plastic production, avoiding waste management,



exempting plastic packaging from taxes

Option: Ignoring plastic pollution, supporting unlimited plastic production, neglecting waste management, eliminating taxes on plastic packaging

2. What do experts believe can make a big difference in reducing plastic pollution?

Option: Implementing global policies only

Option: Using more single-use plastic items

Option: Implementing global policies and using less single-use plastic items

Option: Relying solely on local rules

3. What is one of the harmful effects of plastic pollution mentioned in the text?

Option: Reducing greenhouse gas emissions

Option: Protecting the environment

Option: Contributing to greenhouse gas emissions

Option: Increasing biodiversity

4. What do countries need to work together to create in order to tackle plastic pollution effectively?

Option: Strong waste management policies

Option: Global treaties

Option: Individual solutions

Option: Tax exemptions for plastic packaging

5. What is considered important for governments to do to protect the planet from the harmful effects of plastic waste?

Option: Increase plastic production

Option: Imposing higher taxes on waste management

Option: Come together and make the right decisions

Option: Ignore the issue of plastic pollution

6. Why are local rules alone not enough to solve the global issue of plastic pollution?

Option: Local rules lack enforcement

Option: Plastic pollution cannot be solved

Option: Plastic waste is not a significant problem

Option: Global cooperation is essential

True-False

7. Plastic pollution is not a major problem in the world.



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8. Using recycled materials is not one of the important policies recommended by researchers to cut plastic waste by 90%.
 9. Implementing global policies alone can solve the issue of plastic waste.
 10. Countries do not need to work together to create a strong treaty to tackle plastic pollution effectively.
 11. Plastic waste does not contribute to greenhouse gas emissions.
 12. Governments do not have an important role in protecting the planet from the harmful effects of plastic waste.

Gap-Fill

13. Researchers say adopting four important policies can help cut plastic waste by _____
%.
14. Countries need to work together to create a strong _____ to tackle plastic pollution effectively.
15. By using less single-use plastic items and implementing global policies, we can reduce plastic _____.
16. Plastic pollution harms the environment and contributes to greenhouse gas _____.
17. Experts believe that these policies can make a big _____.
18. Local rules alone are not enough to solve this global _____.

Answer

Multiple Choice: 1. Using recycled materials, limiting new plastic production, investing in waste management, imposing a small tax on plastic packaging 2. Implementing global policies and using less single-use plastic items 3. Contributing to greenhouse gas emissions 4. Global treaties 5. Come together and make the right decisions 6. Global cooperation is essential

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

Gap-Fill: 13. 90 14. treaty 15. pollution 16. emissions 17. difference 18. issue



Vocabulary quizzes

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

1. What technology is commonly used to detect changes in the environment?
Option: A. Sensors
Option: B. Robots
Option: C. Subscription
Option: D. Competition
2. Who are the individuals receiving medical care or treatment?
Option: A. Subscription
Option: B. Patients
Option: C. Pollution
Option: D. Consumers
3. What is the act of allocating money or resources in the expectation of benefit in the future?
Option: A. Investment
Option: B. Sensors
Option: C. Proposal
Option: D. Treaty
4. What term refers to the quality of being coherent and intelligible?
Option: A. Robots
Option: B. Clarity
Option: C. Extinction
Option: D. Marangoni
5. Who are the people who purchase goods and services for personal use?
Option: A. Emissions
Option: B. Investment
Option: C. Consumers
Option: D. Track
6. What refers to the introduction of harmful substances into the environment?



- Option: A. Pollution
- Option: B. Track
- Option: C. Sensors
- Option: D. Commission

7. What quality denotes the degree of conformity of a measured or calculated quantity to its actual value?

- Option: A. Competition
- Option: B. Harmful
- Option: C. Accuracy
- Option: D. Identify

8. What category do substances utilized in chemical processes belong to?

- Option: A. Treaty
- Option: B. Chemicals
- Option: C. Sensors
- Option: D. Subscription

9. What term denotes the state or process of a species family or larger group being or becoming extinct?

- Option: A. Subscription
- Option: B. Accuracy
- Option: C. Extinction
- Option: D. Sensors

10. What physical property of liquids causes them to minimize their surface area?

- Option: A. Robots
- Option: B. Marangoni
- Option: C. Surface Tension
- Option: D. Identify

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

- 11. Continuous _____ of the patient's vital signs is essential in critical care.
- 12. You can enjoy ad-free music by getting a premium _____ to the streaming service.
- 13. Before the project can begin the team needs to submit a detailed _____ for approval.
- 14. The success of the experiment relied on the _____ of the measurements taken.
- 15. Making a smart _____ in your education can lead to better career opportunities.



16. It is important to segregate waste so that materials can be _____ and reused.
17. Exposure to certain substances can have _____ effects on human health.
18. Forensic scientists use various techniques to _____ unknown substances found at crime scenes.
19. The GPS system allows you to _____ the location of your delivery in real-time.
20. The artist received a _____ for a sculpture to be placed in the city park.

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

21. Organizations strive to outperform rivals in a market with similar products or services.
22. Individuals or households that use goods or services generated within an economy.
23. Phenomenon where surface tension gradients drive flow between two fluid regions.
24. Automated machines designed to carry out tasks typically performed by humans.
25. Formal agreement between multiple states to regulate various aspects of their relationships.
26. Release of pollutants or gases into the atmosphere typically from vehicles or industrial processes.
27. Regular payment made to access services or content over a period of time.
28. A formal suggestion or plan submitted for consideration or discussion.
29. To establish or recognize the nature of someone or something.
30. To observe and check the progress or quality of something over a period of time.

Answer

Multiple Choice: 1. A. Sensors 2. B. Patients 3. A. Investment 4. B. Clarity 5. C. Consumers 6. A. Pollution 7. C. Accuracy 8. B. Chemicals 9. C. Extinction 10. C. Surface Tension

Gap-Fill: 11. monitoring 12. subscription 13. proposal 14. accuracy 15. investment 16. recycled 17. harmful 18. identify 19. track 20. commission

Matching sentence: 1. Competition 2. Consumers 3. Marangoni 4. Robots 5. Treaty 6. Emissions 7. Subscription



8. Proposal 9. Identify 10. Monitor

CATEGORY

1. Sci/Tech - LEVEL2

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