

## Text Evidence Worksheet Answer Key PDF

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### Part 1: Building a Foundation

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**What is the primary cause of rising global temperatures?**

undefined. Deforestation

undefined. Increased volcanic activity

**undefined. Greenhouse gas emissions ✓**

undefined. Solar flares

The primary cause of rising global temperatures is greenhouse gas emissions.

**Which of the following are effects of air pollution? (Select all that apply)**

undefined. Improved respiratory health

**undefined. Increased respiratory health issues ✓**

undefined. Enhanced visibility

**undefined. Environmental degradation ✓**

Air pollution can lead to increased respiratory health issues and environmental degradation.

**Define globalization in your own words.**

**Globalization refers to the process of increased interconnectedness and interdependence among countries, particularly in terms of trade, culture, and communication.**

**List two consequences of melting polar ice caps.**

1. Consequence 1

**Rising sea levels**

2. Consequence 2

### Loss of habitat for polar species

Consequences of melting polar ice caps include rising sea levels and loss of habitat for polar species.

## Part 2: Understanding and Interpretation

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### How does globalization contribute to cultural exchange?

undefined. By isolating communities

**undefined. Through international trade and communication ✓**

undefined. By reducing travel opportunities

undefined. Through increased tariffs

Globalization contributes to cultural exchange through international trade and communication.

### Which of the following statements accurately describe the impact of technological advancements on manufacturing? (Select all that apply)

undefined. Decreased efficiency

**undefined. Increased automation ✓**

**undefined. Reduced production costs ✓**

undefined. Limited product variety

Technological advancements in manufacturing lead to increased automation and reduced production costs.

### Explain how plastic waste affects marine life.

**Plastic waste affects marine life by causing ingestion and entanglement, leading to injury or death for many species.**

## Part 3: Applying Knowledge

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### Which action can individuals take to reduce their carbon footprint?

undefined. Increase use of single-use plastics

**undefined. Use public transportation ✓**

undefined. Increase meat consumption

undefined. Leave lights on when not in use

Using public transportation is an effective action individuals can take to reduce their carbon footprint.

**In what ways can businesses contribute to reducing pollution? (Select all that apply)**

**undefined. Implementating recycling programs ✓**

undefined. Increasing energy consumption

**undefined. Using renewable energy sources ✓**

undefined. Disposing of waste in landfills

Businesses can reduce pollution by implementing recycling programs and using renewable energy sources.

**Describe a real-world scenario where technological advancements have improved communication.**

**Technological advancements such as smartphones and the internet have significantly improved communication by enabling instant connectivity.**

## Part 4: Analyzing Relationships

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**What is a potential negative impact of globalization on local cultures?**

undefined. Preservation of traditional practices

**undefined. Cultural homogenization ✓**

undefined. Increased cultural diversity

undefined. Strengthening of local languages

A potential negative impact of globalization on local cultures is cultural homogenization.

**Analyze the relationship between climate change and biodiversity loss. Which of the following are true? (Select all that apply)**

undefined. Climate change creates new habitats for all species

**undefined. Some species may become extinct due to changing climates ✓**

**undefined. Biological diversity loss can exacerbate climate change ✓**

undefined. All species can easily adapt to new climate conditions

Climate change can lead to species extinction and biodiversity loss can exacerbate climate change.

**Discuss how economic development can lead to environmental degradation.**

**Economic development can lead to environmental degradation through increased resource extraction and pollution.**

## Part 5: Synthesis and Reflection

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**Which policy would be most effective in reducing global carbon emissions?**

undefined. Subsidizing fossil fuels

**undefined. Implementating carbon taxes ✓**

undefined. Encouraging deforestation

undefined. Reducng renewable energy investments

Implementating carbon taxes would be the most effective policy in reducing global carbon emissions.

**Evaluate the effectiveness of the following strategies in promoting sustainable development. (Select all that apply)**

**undefined. Investng in renewable energy ✓**

undefined. Promoting single-use plastics

**undefined. Enhancing public transportation ✓**

**undefined. Encouraging waste reduction ✓**

Investments in renewable energy, enhancing public transportation, and encouraging waste reduction are effective strategies for promoting sustainable development.

**Propose a solution to address the issue of plastic waste in oceans and justify your approach.**

**A solution to address plastic waste in oceans could involve implementing comprehensive recycling programs and public awareness campaigns to reduce plastic use.**