

Text Evidence Worksheet

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Part 1: Building a Foundation

What is the primary cause of rising global temperatures?

Hint: Consider the main contributors to climate change.

- Deforestation
- Increased volcanic activity
- Greenhouse gas emissions
- Solar flares

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

Hint: Think about the health and environmental impacts of air pollution.

- Improved respiratory health
- Increased respiratory health issues
- Enhanced visibility
- Environmental degradation

Define globalization in your own words.

Hint: Consider the interconnectedness of economies and cultures.

List two consequences of melting polar ice caps.

Hint: Think about the environmental and social impacts.

1. Consequence 1

2. Consequence 2

Part 2: Understanding and Interpretation

How does globalization contribute to cultural exchange?

Hint: Think about the effects of trade and communication.

- By isolating communities
- Through international trade and communication
- By reducing travel opportunities
- Through increased tariffs

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

Hint: Consider how technology changes production processes.

- Decreased efficiency
- Increased automation
- Reduced production costs
- Limited product variety

Explain how plastic waste affects marine life.

Hint: Think about the various ways plastic can impact ocean ecosystems.

Part 3: Applying Knowledge

Which action can individuals take to reduce their carbon footprint?

Hint: Consider daily habits that impact carbon emissions.

- Increase use of single-use plastics
- Use public transportation
- Increase meat consumption
- Leave lights on when not in use

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

Hint: Think about corporate practices that can minimize environmental impact.

- Implementating recycling programs
- Increasing energy consumption
- Using renewable energy sources
- Disposing of waste in landfills

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

Hint: Think about specific technologies that have changed how we connect.

Part 4: Analyzing Relationships

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

Hint: Consider how globalization can affect cultural diversity.

- Preservation of traditional practices
- Cultural homogenization
- Increased cultural diversity

- Strengthening of local languages

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

Hint: Think about how climate change affects ecosystems and species.

- Climate change creates new habitats for all species
- Some species may become extinct due to changing climates
- Biological diversity loss can exacerbate climate change
- All species can easily adapt to new climate conditions

Discuss how economic development can lead to environmental degradation.

Hint: Consider the trade-offs between development and environmental health.

Part 5: Synthesis and Reflection

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

Hint: Think about policies that incentivize reduction in emissions.

- Subsidizing fossil fuels
- Implementating carbon taxes
- Encouraging deforestation
- Reducng renewable energy investments

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

Hint: Consider strategies that support long-term environmental health.

- Investng in renewable energy
- Promoting single-use plastics
- Enhancing public transportation

Encouraging waste reduction

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

Hint: Think about innovative solutions and their potential impact.