**Urban Planning in the Age of Climate Change**

As climate change continues to affect cities worldwide, urban planners face increasing challenges. Rising temperatures, more frequent floods, and unpredictable weather patterns require innovative approaches to urban development. The focus is now on creating resilient cities that adapt to these changes while minimizing environmental impact.

One key strategy is the integration of green infrastructure. This includes parks, green roofs, and rain gardens, which not only improve air quality but also help manage stormwater and reduce urban heat islands. Another approach involves energy-efficient buildings and renewable energy systems to lower carbon emissions.

However, creating sustainable urban areas is not just about infrastructure. Community involvement is crucial. Residents must be part of the decision-making process to ensure that solutions meet local needs and promote social equity. Ultimately, addressing climate change in cities requires a balance between technological innovation, ecological restoration, and social inclusion.

**Comprehension Questions**

1. What are the main challenges cities face due to climate change?
2. Name two strategies mentioned in the text to address these challenges.
3. Why is community involvement important in urban planning?

**Vocabulary Questions**

1. Find synonyms in the text for the following words:
	* Difficulties
	* Solutions
	* Participation
2. Explain the meaning of these phrases in context:
	* "Urban heat islands"
	* "Stormwater management"
3. Use the following words in sentences of your own:
	* Resilient
	* Sustainable
	* Equity

**Analytical Questions**

1. How does green infrastructure contribute to urban resilience?
2. Discuss the relationship between technological innovation and ecological restoration in the context of urban planning.

**Critical Thinking Questions**

1. What are the potential drawbacks of focusing heavily on technology in sustainable urban development?
2. How would you balance economic constraints with the need for sustainable infrastructure in a developing city?

**Oral Discussion Topics**

1. Debate: Should governments prioritize green spaces over housing developments in urban areas?
2. Share ideas: What innovative solutions could your city adopt to combat climate change?
3. Group activity: Design a small eco-friendly urban neighborhood. Present your design to the class, explaining how it addresses climate challenges.

**Answers:**

| **English** | **Arabic** |
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| Increasing challenges | التحديات المتزايدة |

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| Rising temperatures | ارتفاع درجات الحرارة |

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| Unpredictable | غير متوقع |

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| Innovative approaches | أساليب مبتكرة |

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| Resilient cities | المدن القادرة على الصمود |

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| Minimizing environmental impact | تقليل التأثير البيئي |

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| Key strategy | استراتيجية رئيسية |

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| Improve air quality | تحسين جودة الهواء |

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| Manage stormwater | إدارة مياه الأمطار |

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| Urban heat islands | جزر الحرارة الحضرية |

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| Energy-efficient buildings | المباني الموفرة للطاقة |

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| Renewable energy | الطاقة المتجددة |

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| Lower carbon emissions | تقليل انبعاثات الكربون |

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| Community involvement | مشاركة المجتمع |

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| Ecological restoration | الترميم البيئي |

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| Social inclusion | الإدماج الاجتماعي |