

Name _____

City Heat Maps Answer Key

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|-------------|--------------------|
| 1. dense | 7. vegetation |
| 2. surfaces | 8. shade |
| 3. asphalt | 9. evaporate |
| 4. absorb | 10. circulation |
| 5. energy | 11. consequence |
| 6. radiate | 12. infrastructure |

Teacher's Guide

- **Using this worksheet**
 - Have students preview the word bank and quickly label each word as a **noun**, **verb**, or **adjective** before filling blanks.
 - Remind students to reread the full sentence after choosing a word to check meaning and grammar.
- **Differentiation**
 - Support: Provide sentence starters that hint at part of speech, such as "This blank needs a verb that means to take in."
 - Challenge: Ask students to replace two word bank choices with stronger academic synonyms and justify the swap.
- **Engagement**
 - Do a "two-pass" read: first for the main idea, second to fill blanks; then students compare answers in pairs and defend one tricky choice.
- **Extension**
 - Students write a 3-sentence add-on explaining one solution (trees, cool roofs, reflective pavement) and must use **three** word bank terms correctly.
 - Quick research option: Students find one real example of a city heat reduction plan and summarize it in 4 sentences.