



Article Guide: The Buzz on Urbanization and Pollination

<http://scienceovereverything.com/2018/01/25/buzz-urbanization-pollination/>

Part 1: The importance of pollination

Directions:

- Read the section of the article titled “The importance of pollination”.
 - Box vocabulary words or words that you have not seen before
 - Underline in the text where the focus questions are addressed
- Answer each focus question

Focus questions

1. How does pollination work?

2. What is coevolution? How have plants and their pollinators adapted over time to help each other?

3. How do pollinators contribute to the US economy?

Part 2: How cities hurt pollinators

Directions:

- Read each understanding question
 - Think about what you would need to know to answer that question
- Read the section of the article titled “How cities hurt pollinators”.
 - Box vocabulary words or words that you have not seen before
- Answer each understanding question

Understanding questions

4. Summarize in your own words the meaning of “urbanization”.

5. In the 1950’s, America’s cities become much more sprawled, taking up a lot of natural land. Explain how this would hurt pollinator diversity.

Part 3: Creative solutions

Directions:

- Read the section of the article titled “Creative solutions”.
 - Box vocabulary words or words that you have not seen before
 - Discuss with a partner how you would address the extension questions.
 - Write a response to the extension questions
6. The University of Washington has worked with cities to help provide pollinators habits in cities, such as building rooftop gardens. Think of another solution which would provide an environment for pollinators in urban areas. Explain how your idea would work.

Vocabulary Guide

Pollination	
Ecosystem	
Agriculture	
Habitats	
Pollinator	
Diversity	