

Name:

Date:

Class:

Environmental Justice StoryMap #3: Air Quality and Transportation

Instructions: Complete the following questions as you explore the [Environmental Justice StoryMap #3 Air Quality & Transportation](#)

StoryMap #3 Link: <https://storymaps.arcgis.com/stories/18ab8a8450ff4dd39af5ad39cc8f8877>

Think About It: Watch the [video](#) and think about what you observe:

1. How would you describe what "environmental justice" means?
2. What are some examples of environmental injustice in the video? Who is most impacted by environmental injustices?
3. Do you think our transportation system provides environmental justice for all?

Check for Understanding #1:

4. Which communities are most affected by air pollution and poor air quality?
5. Describe why air pollution and air quality are environmental justice issues.

Check for Understanding #2:

6. Describe why environmental justice is a human right?
7. Why is it challenging for people to move from an unhealthy neighborhood so they can have the right to clean air, water, and a healthy environment?

Name:

Date:

Class:

Check for Understanding #3:

8. Which communities experience the most adverse effects of the U.S. Interstate Highway System?

9. How does the Interstate Highway System impact these communities?

Check for Understanding #4:

10. Do certain communities tend to have greater asthma rates?

11. Do certain communities tend to have a greater percentage of their workforce at risk of poor air quality?

Check for Understanding #5:

12. Describe any patterns that you observed between the locations of low-income and communities of color and areas of high traffic.

Discussion: Engineering Connections

13. Do you think our current roadway infrastructure impacts all communities equally? Why?

14. Describe the relationships between air quality, roadways, and environmental justice in low-income and communities of color in your own words.

15. How do you think different types of electric vehicles (EVs) and alternative energy sources can be utilized to help to create more equitable transportation systems for all communities, especially low-income and communities of color?