

Name:

Date:

Class:

## Environmental Justice StoryMap #4: Transportation & Environment

Instructions: Complete the following questions as you explore the [Environmental Justice StoryMap #4 Transportation & Environment](#)

StoryMap #4 Link: <https://storymaps.arcgis.com/stories/62b1b7aeb1274e04b843d1e291363b56>

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

1. How much carbon is in a gallon of gasoline, which is a fossil fuel?
2. What happens when fossil fuels like gasoline are burned for energy?
3. How do fossil-fuel-powered vehicles impact our planet?

### Check for Understanding #1:

4. Describe what a greenhouse gas is in your own words.
5. How are the natural and enhanced Greenhouse Effects similar? How are they different?

### Check for Understanding #2:

6. What form of transportation do people mainly use and how far are their average trips?
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**Check for Understanding #3:**

8. What are the current pros and cons of electric vehicles vs gas-powered vehicles?

9. Why are zero-emission vehicles like EVs important to make accessible for all people?

**Check for Understanding #4:**

10. Do certain locations of the country have good air quality (green, yellow), and are these areas near any major roadways?

11. Do certain locations of the country have poor air quality (orange, red, maroon), and are these areas near any major roadways?

**Check for Understanding #5:**

12. Describe any patterns that you observed between the locations of **communities of color** and **low-income** areas with probable **high respiratory health risks**.

