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Topic: Major Causes of Carbon Dioxide in the Atmosphere

Objective:

On the completion of this exercise, students will be able to see one of the major causes that increases the level of carbon dioxide in the atmosphere.

Specific Objectives:

At the completion of the exercise, students will be able to explain why:

- Emission testing in the state of Florida was a good way of controlling the amount of carbon dioxide extruded into our atmosphere.
- The impact that an increase of this greenhouse gas has on our global economy.

Procedure:

- Students will be provided with a meter which accurately records the level of carbon dioxide in the atmosphere.
- Students will be divided into groups of two and each group will be placed at a fixed point on the I-95 and will take measurements every hour from 6 a.m. to 10 p.m.
- Collectively students will pool results and plot a graph of $p\text{CO}_2$ /time.
- On the completion of the exercise, students will discuss the following questions:
 - i. Was there a significant increase in the $p\text{CO}_2$ in your measurement throughout the exercise?
 - ii. What impact do you think an increase level in our atmosphere have on your neighborhood?
 - iii. What impacts do you think it will have on our global economy?
 - iv. Do you think the present policy taken by our President on the reduction of greenhouse gases is correct?
 - v. Do you think it was correct for the state of Florida to abolish emission testing?