

# The 4-H Preserve Our Planet

## What is Global Warming?

*It's hurting our loved ones, It's hurting our ocean life, It's spreading infectious disease and millions more may die from heat and diseases as global warming worsens*

*Help us fight against this global issue!*



Fact: During the 20th century alone, the average surface temperature of the world has increased by 1°F (0.6°C).

Fact: It is predicted that if the current environmental situation is not improved, the average global temperature can potentially increase up to 10°F (5.8°C).

Fact: Some predict that the sea level is expected to rise up to 35 inches (88 cm) if the world's ecological condition does not get better.

Fact: In the future, the span of worldwide infectious diseases will increase with the climate shifts.

Fact: The global population will encounter increased flooding and heat waves if the conditions do not improve.

# Transportation



University of California  
Cooperative Extension



*Compton High Youth:  
Cindi Aguilar, Maribel Barron  
Raquel Catalan, Cristina Martinez  
Vicente Payan*

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For more information visit our website:

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## You Know?

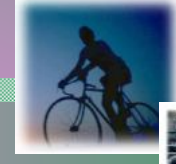
- In 2006, Americans took 10.1 billion trips on public transportation which is the highest ridership level in 49 years!
- 34 million times each weekday, people board public transportation!
- Each year public transportation households save over \$1,399 worth of gas!!!
- Public transportation produces 95% less carbon monoxide, 90 % less in volatile organic compounds and about half as much carbon dioxide and nitrogen per passenger mile like private vehicles!



## Did

## Benefits

- ~ The more we use the public transportation like the bus or the Metro®, we emit less carbon dioxide into the atmosphere therefore, helping mother earth.
- ~ Hybrid cars, for example, reduce the carbon dioxide emissions and they consume less gas.
- ~ You save over \$1,000 dollars yearly on gas by using the public transportation.



## Tips

- Drive less, walk, bike, or use the bus!
- Carpool with friends or family!
- Drive at normal speed level
- Make sure that the wheels are properly inflated; otherwise, it can cause an increase of fuel consumption up to 6%
- Reduce the use of air conditioning. When in use, you are emitting greenhouse gases like carbon dioxide into the atmosphere.

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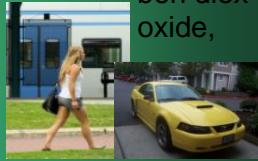
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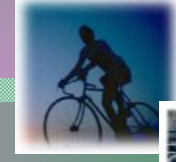
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