

# 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!*



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

## Facts on the Effects of Global Warming

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.



## Water Conservation/Saving Energy

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**For more information visit our website:**  
<http://celosangeles.ucdavis.edu>

\*Information gathered from various internet sources

### Facts on water:

- For each leaky faucet and plumbing joints you can lose up to 20 gallons per day
- For each full load in the washing machine and dishwasher you save 300 to 800 gallons per month



### Tips to conserve water:

- Take showers instead of baths
- Put full loads in the washing machine and dishwasher
- Don't defrost frozen foods with running water
- Shut off water when not in use

### Facts of energy loss

- United States spends about \$440 billion annually for energy
- Residential appliances, including heating and cooling equipment and water heaters, consume 90% of all energy used in the United States residential sector
- America uses about 15 times more energy per person than does the typical developing country



### Tips to save energy:

- Replace light bulbs with compact fluorescent light bulbs and that saves 75% of lighting costs
- Buy energy start qualified equipment they are up to 40% more efficient
- Use outdoor lights with a photocell unit or a motion sensor so they will turn on only at night or when someone is present