

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!



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

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

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.



Conserve the Green

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

*Information gathered from various internet sources

Facts:

- ◆ Trees remove or trap lung-damaging dust, ash, pollen and smoke from the air, in addition to providing shade for people and conserving energy.
- ◆ Trees also provide wildlife habitat for many species.
- ◆ Trees also reduce greenhouse gases. This reduces our need for air conditioning by 30%, thereby reducing our electricity.
- ◆ Trees within our urban forest improve our air, protect our water, save energy, and improve economic support.
- ◆ If every American family planted just one tree, the amount of CO₂ in the atmosphere would be reduced by one billion lbs annually.

Benefits:

- ◆ A single mature tree can absorb carbon dioxide at a rate of 48lbs/year and release enough oxygen back into the atmosphere to support 2 human beings.
- ◆ Over a 50-year lifetime, a tree produces \$31,250 worth of oxygen, provides \$62,000 worth of air pollution control, recycles \$37,500 worth of water, and controls \$31,250 worth of

Tips:

- ◆ Tree planting - first decide what kind of tree you want to plant. You must consider the planting zone.
- ◆ Plant trees in your yard and around your home. They'll provide shade to cool your home in the summer
- ◆ Control weeds - get rid off weeds around each seed for at least two feet such as hand pulling, mowing.
- ◆ Eliminate Pest - such as insects, bacteria, fungi, viral. In almost all cases pest will take advantage and target plants that are weakened due to stress.
- ◆ Water your plants after 7pm.
- ◆ Buy a bamboo and place it inside your house, which will serve as an air conditioning.

