



Cool It off  
with Plants !



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You can visit the following web sites for more information about global warming:

<http://www.angelfire.com/f4/globalcooling/>  
<http://yosemite.epa.gov/oar/global.nsf/webprintview/ImpactsAgricultureInfluencingFactors.html>  
[Http://www.defra.gov.uk/environment/climatechang/scho](http://www.defra.gov.uk/environment/climatechang/scho)

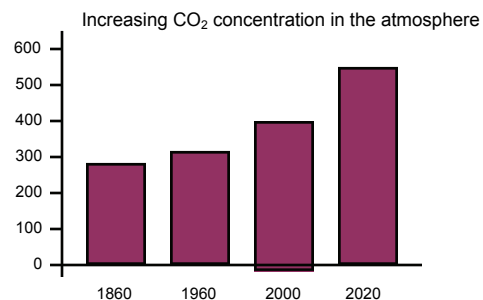


# GLOBAL WARMING:

Since 1850, world temperatures have increased by 0.5°C and could still increase by 4.5°C in the year 2020.

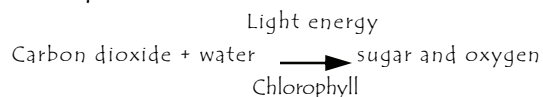
## Why is there global warming?

- when light energy from the sun reaches the earth, heat energy is reflected back to the atmosphere and trapped by carbon dioxide and water vapor warming the earth providing heat enough to keep living things alive. This is called the greenhouse effect.
- however, increased amounts of carbon dioxide plus chlorofluorocarbons, methane and oxides of nitrogen in the atmosphere absorb and hold the heat energy raising the temperature of the atmosphere causing global warming.



## Photosynthesis and carbon dioxide

Photosynthesis is the process by which plants make food. This is represented in the equation below:



- If plants use carbon dioxide to make food, then photosynthesis helps reduce its concentration in the atmosphere...!
- More plants means more carbon dioxide removed from the atmosphere!
- Just enough carbon dioxide for plant needs means a cooler world!

## ACT NOW!

### Plant more trees and help



## COME, JOIN US FOR A TREE PLANTING DAY!



Mt. Igtaratid

**When:** March 1, 2003

**Where:** Mt. Igtaratid

**Meeting Place:** Town Plaza

**Time:** 8:00 AM

**What to bring:** At least 3 seedlings, spade, bamboo sticks for plant guard, hat or umbrella to protect yourself from the sun

To join pls. contact:

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