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# Global Warming

— and why we need to stop it!! —

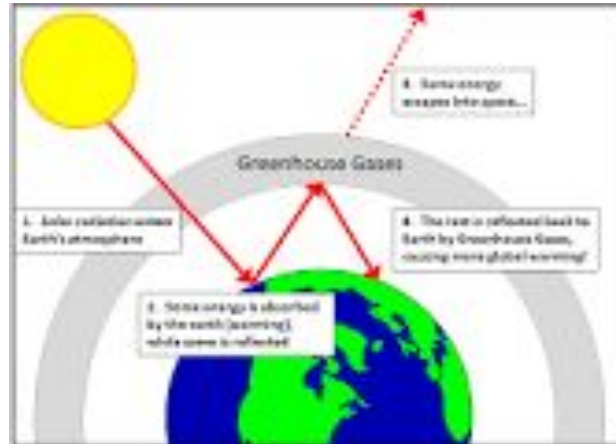
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# What is Global Warming and how is it caused?

Global warming gases: Carbon dioxide (Co<sub>2</sub>), green house gases and air pollutants.

They then absorb the sunlight and solar radiation that have reflected off of the earth's surface.



# United States' energy source

The burning of Fossil fuels is the largest source of heat-trapping pollution - It produces about 2 Billions tons of CO<sub>2</sub> emissions each year

The second largest source of heat-trapping pollution is from the transport sector - It produces 1.7 Billion tons of CO<sub>2</sub> emissions each year



**What can help to stop this  
huge issue?**

# Examples of environmentally friendly energy:

**Solar Panels:** These collect energy from the sunlight provided by the sun



**Wind Farms:** These are huge wind turbines that spin in the wind, this then generates into energy



# Is global warming linked to extreme weather conditions?



In 2010 an ongoing drought in California - the state's worst drought in over 1200 years - was intensified by 15/20 percent by global warming.

The odds of similar droughts happening in the future had roughly doubled over the past century.

# Tropical Storms:

Global warming could cause a category 3 storm to turn into a horrific category 4 storm.





# Heatwaves & Ice Loss

Extreme heatwaves have caused thousands of deaths around the globe in the past couple of years.



Antarctica has also been losing about 134 billion metric tons of ice per year since 2002.







**Other effects of global warming include:**



# What examples are there to show that global warming is linked to extreme weather changes?

Recently destructive hurricanes include: Harvey, Irma and Jose.



# Global warming needs to be dealt with now!

Thank you for listening!

