Carbon Footprint

By: Helena Chan
What is a carbon footprint?

simpleshow explains the Carbon Footprint
What is a carbon footprint?
What is one way carbon is emitted to get your car on the road?
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Result of Carbon emissions
- rising maximum temperatures
- rising minimum temperatures
- rising sea levels
- higher ocean temperatures
- increase in heavy precipitation
- shrinking glaciers
What are ways carbon is released into the atmosphere?
Deforestation
What are some ways you can reduce your carbon footprint?
Everyday Choices

- Reduce Single-Use, Disposable Plastics
- Eat less meat
- Reduce your waste
• Walk/ ride bike more
• Recycle responsibly
• Reduce your water use
• Turn off lights when not in use
Lifestyle Changes

Wash clothes with cold water

Hang dry clothes instead of using a dryer
Can anybody name an energy efficient light bulb?
Switch Up Your Lights

Replace lights with more energy efficient ones
- Cost more but save money in the long run because they last longer

compact fluorescent lamps (CFLs)

light-emitting diodes (LEDs)
LED Lights Bulbs

- up to 80% more efficient than traditional lighting
- 95% of the energy in LEDs is converted into light and only 5% is wasted as heat.
- Use 20%–25% of the energy and last 15 to 25 times longer than traditional light bulbs
Reminders

- Don't replace the light bulbs until they burn out
- Use dimmers to save energy when full brightness is not needed
- Variety of colors
- Daylight and motion sensors
- Timers
- Durable and last in many weather conditions

*Make sure to still recycle*
Renewable Energy

Speak to your parents about switching to renewable energy

solar    wind    hydroelectric    geothermal
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How Long Do You Think It Takes for Plastic to Biodegrade?
How Long Does It Takes for Plastic to Biodegrade?
Where Do Most Plastic Bottles End Up?
Single Use Plastic

Takeout containers and plastic utensil

Balloons, plastic bags, packaging

Containers
How many planets does it take to sustain your lifestyle?

Calculate your Ecological Footprint. Find out how many planets would be needed if everyone in the world lived like you?

footprintcalculator.org
Thank you!

If you have any questions email: thegreencauseinitiative@gmail.com