


Carbon Footprint

By: Helena Chan





What is a carbon footprint?






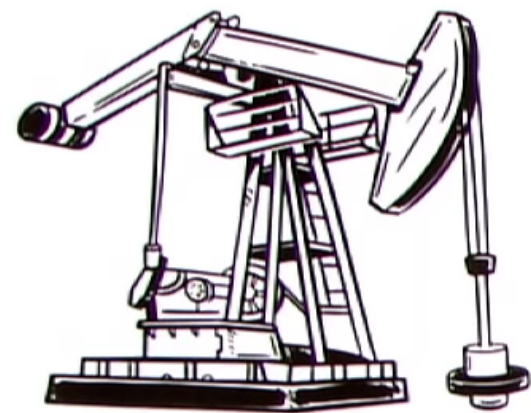
What is a
carbon
footprint?





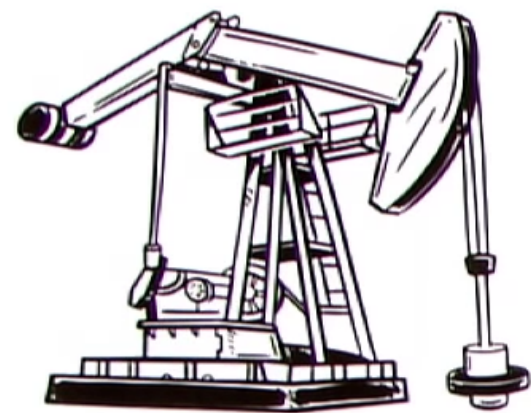
What is one way
carbon is emitted to
get your car on the
road?





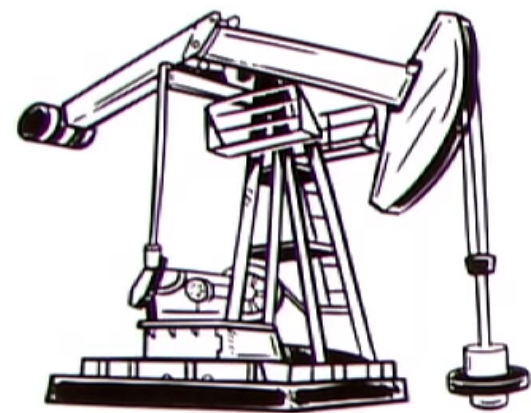
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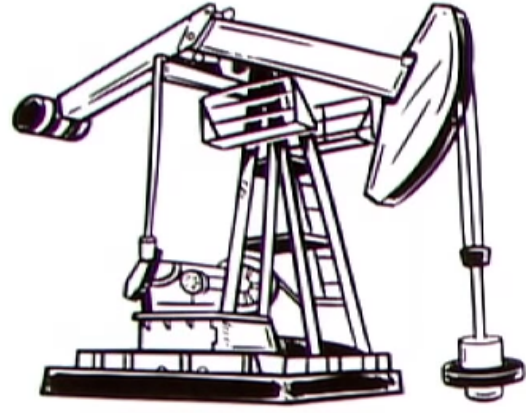
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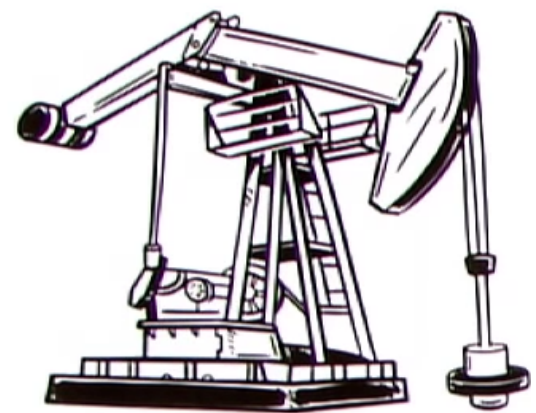
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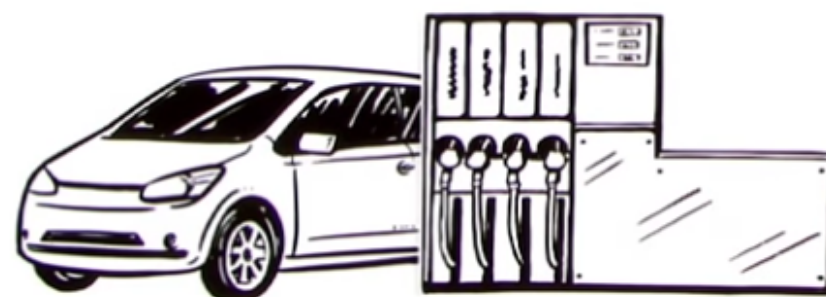


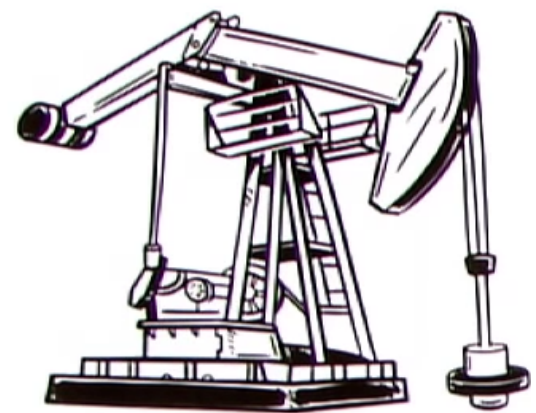
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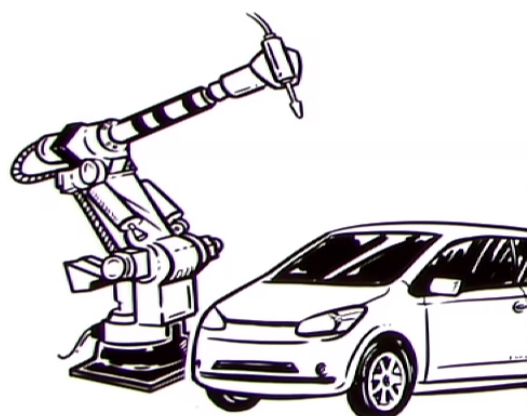


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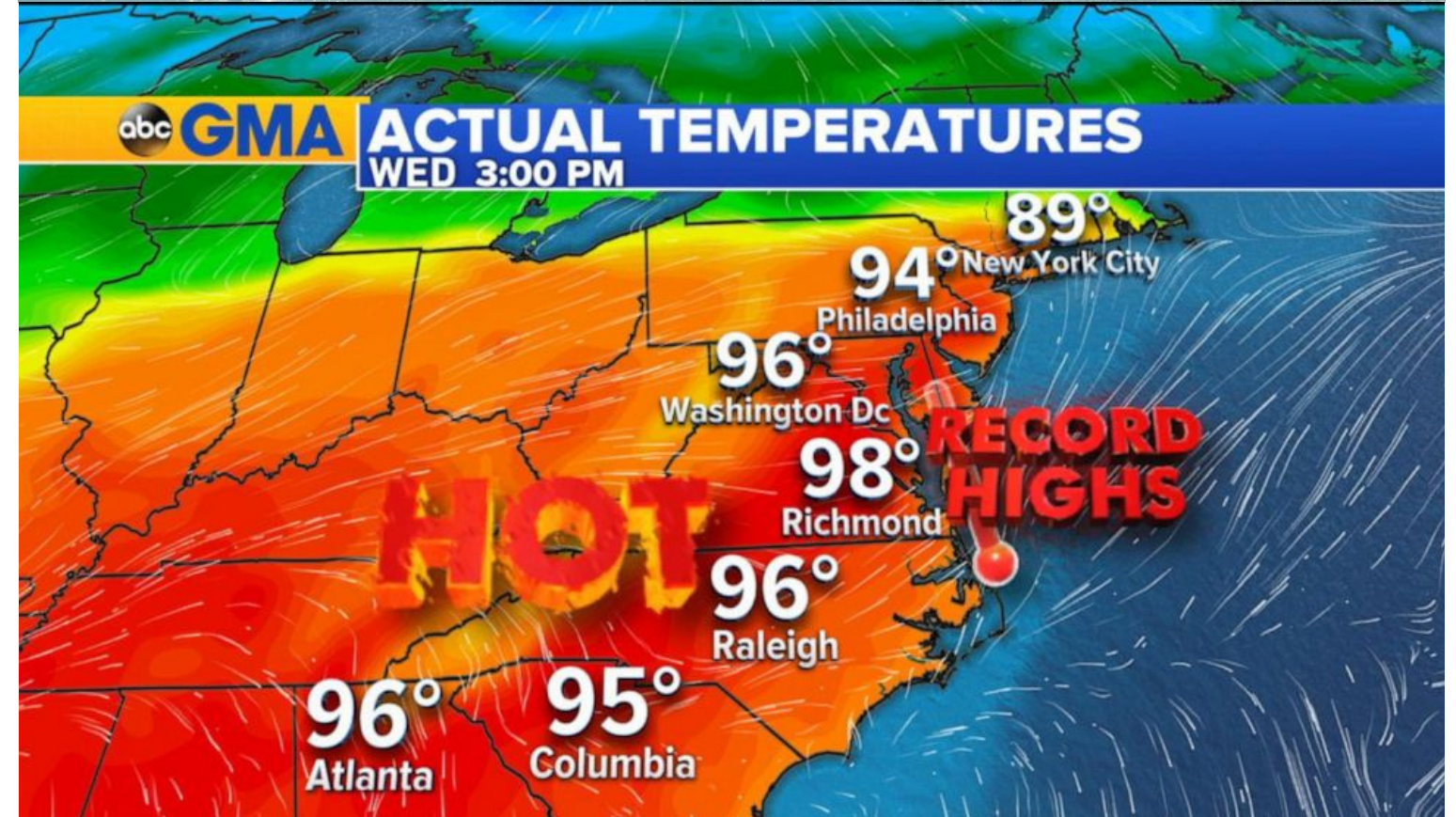
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Result of Carbon emissions



- 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?





Factories



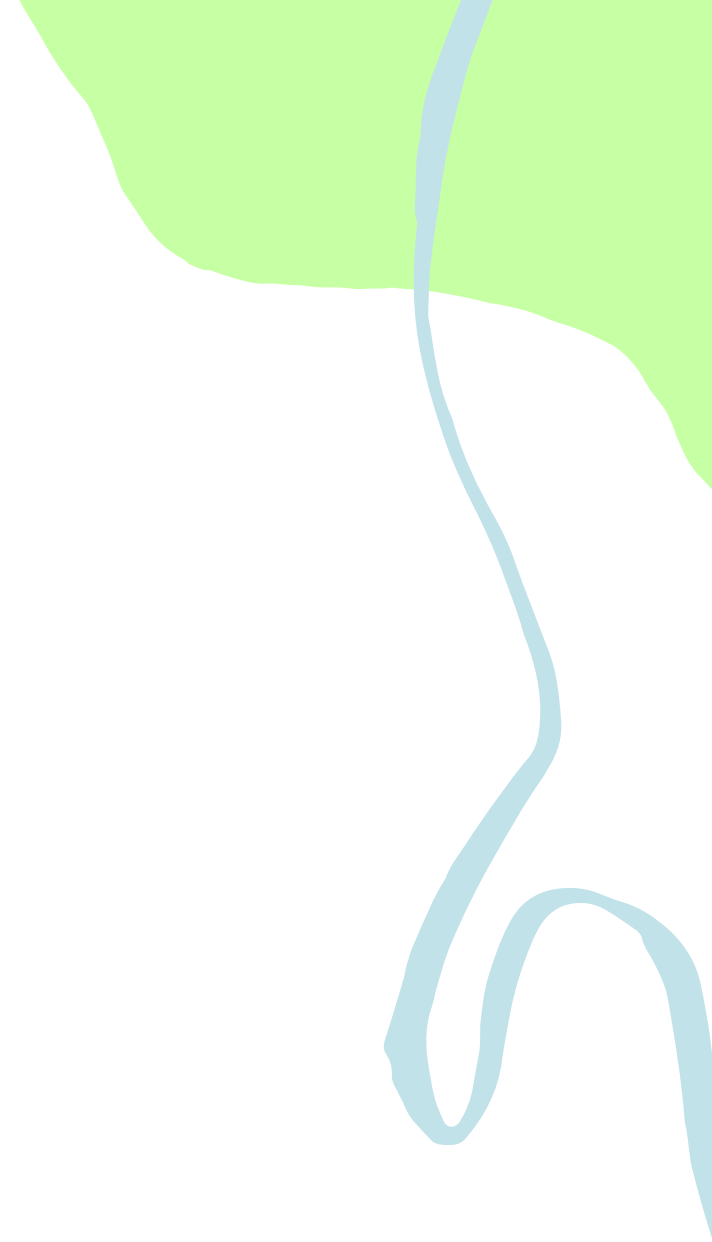
Transportation



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



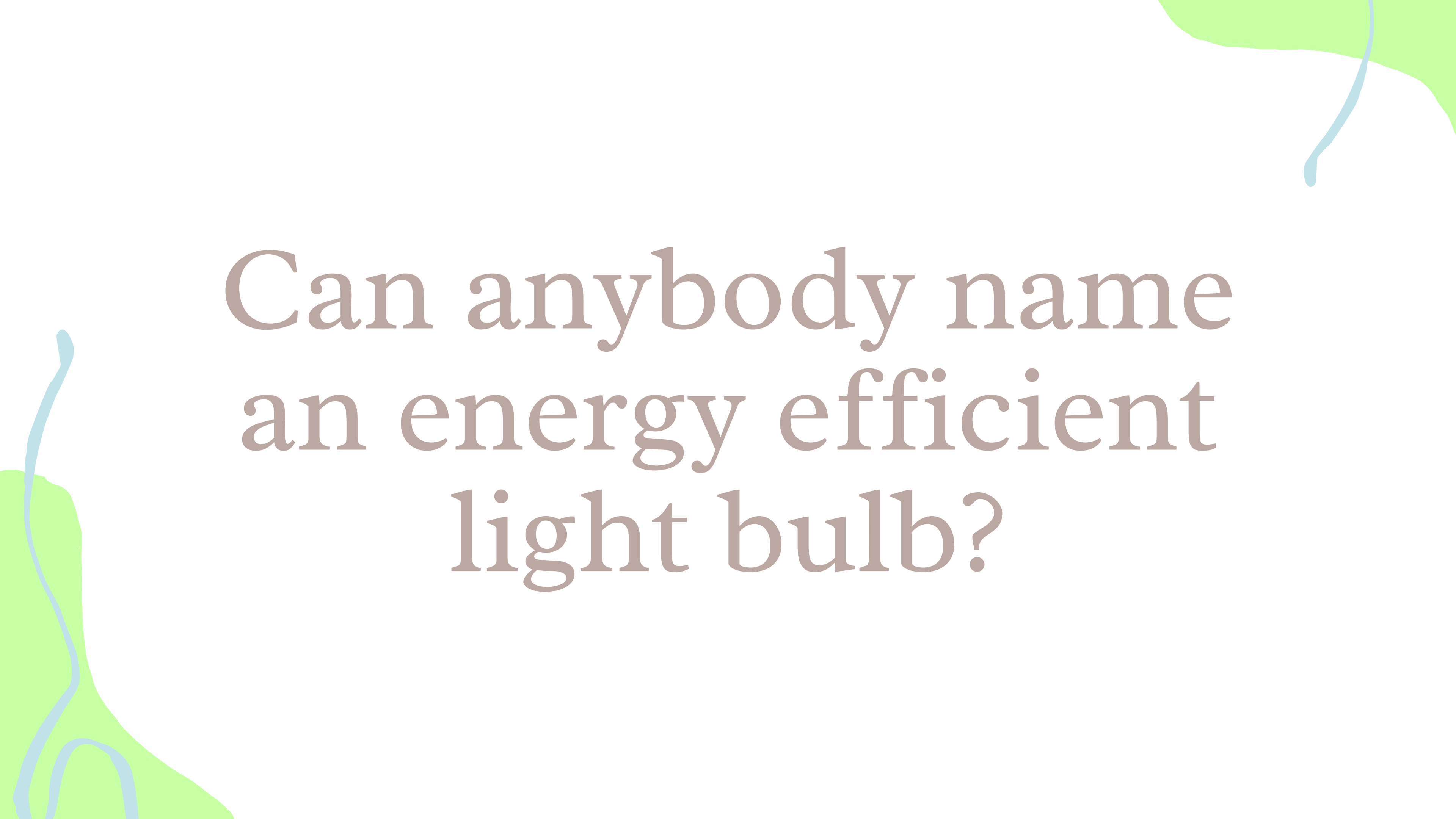
Lifestyle Changes

Wash clothes with cold water



Hang dry clothes instead of using a dryer



The image features a white background with decorative elements in the corners. In the top right and bottom left, there are abstract shapes in a light green color, with thin, wavy blue lines extending from them. The central text is a question in a brown, serif font.

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?

The Lifecycle of a Plastic Bottle

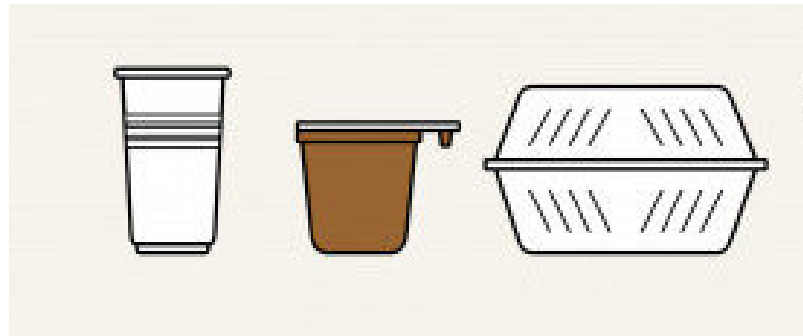
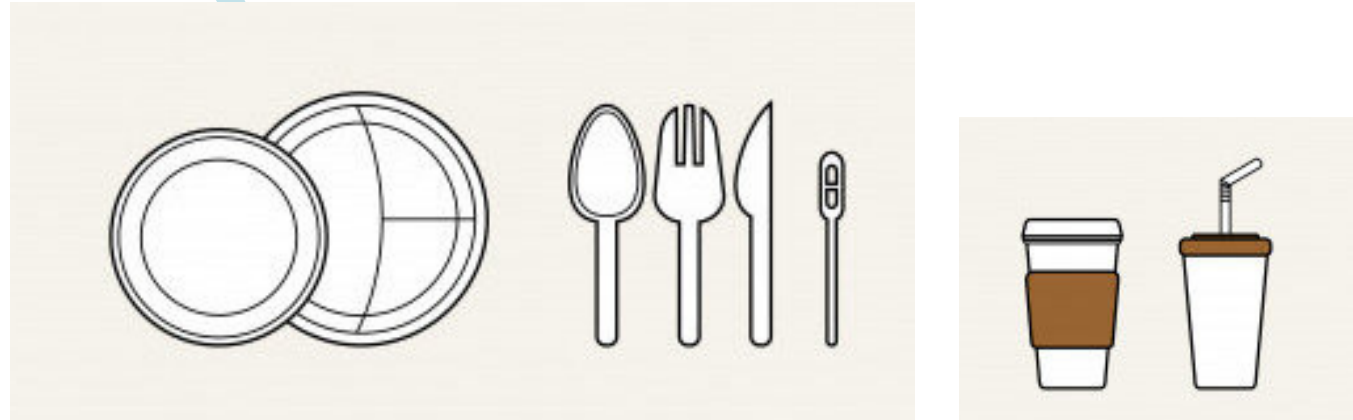


How Long Does It
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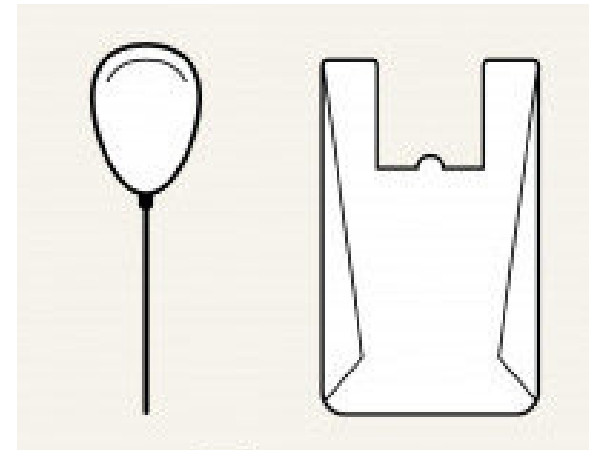
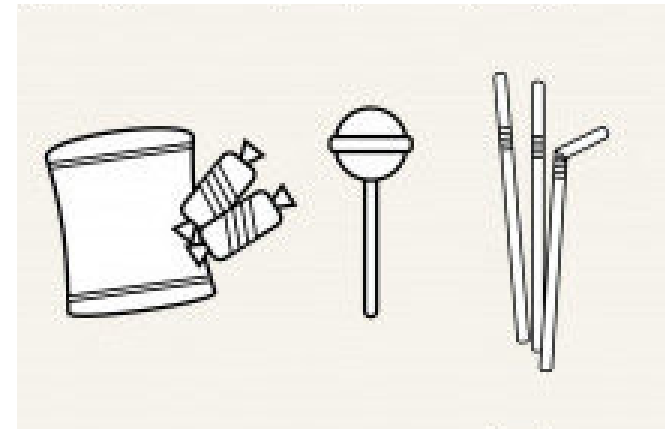


Where Do Most Plastic Bottles End Up?

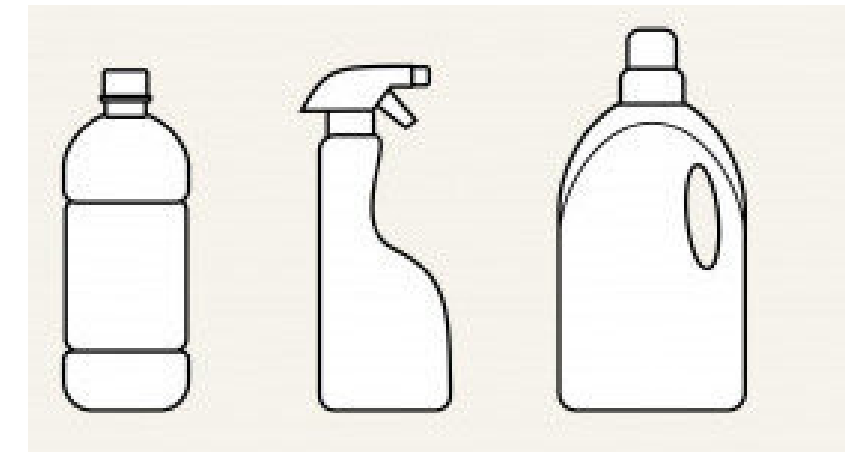
Single Use Plastic



Takeout containers and plastic utensil



Balloons, plastic bags, packaging



Containers

It's Your Turn!



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](https://www.footprintcalculator.org)



Thank you!

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