

TODAY'S TOPIC

Decreasing Carbon Footprint

What it is and one way we can all help reduce it



What is a Carbon Footprint?



A carbon footprint is the overall quantity of greenhouse gases (such as carbon dioxide and methane) which are produced by our actions.



Why help reduce Carbon Footprint?

The worsening state of the planet is considered a major global problem. Doing our part to save the planet from human-caused destruction is ultimately our responsibility. A few environmentally friendly habits in our daily lives can go a long way, and they don't have to take much effort. Take the step to reduce your Carbon Footprint with some key changes and new routines!!





Conserving Energy



It is important to conserve energy because it would reduce the emissions of carbon. When using electricity, you use power plants to create electricity which emits carbon. As a result, reducing the amount of electricity needed would reduce the carbon emissions (energysage, 2019) from those power plants. Due to the fact, we would need less electricity from the power plants.



Change Light Bulbs



All families should change all their light bulbs to LED bulbs because LED bulbs use less energy per unit of light emitted (lumen). This reduces greenhouse gas emissions from power plants. LEDs emit very little CO₂. One LED bulb will reduce greenhouse gas emissions by nearly half a ton. →

Unplug electronics when not used



It is important to unplug chargers and electronics like a phone or computer charger when not using them to conserve energy because energy is still being used even if only the chargers are plugged in. You can save up to 75% of the electricity you use switching off your power outlets. →

Line Dry Clothes



To conserve a lot energy, instead of using a dryer you should line dry the clothes for everyone at home. The reason behind this is because in order to generate heat, you would need electricity which releases a lot of carbon into the atmosphere.





“The greatest danger to our planet is the belief that someone else will save it.”

- Robert Swan

Team: The Green Beans
Username: The Green Beans
School: Jericho High School

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projectgreenchallenge22



projectgreenchallenge22 Carbon Footprints. Small actions are the first steps to big impacts. Even a small change in your daily life can make a huge difference in reducing our overall carbon footprint! Scroll through the slides to see how you can decrease your carbon footprint by making little changes to conserve energy! @TurningGreenOrg #PGC2022

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