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Describe two methods that can help lower an individual's carbon footprint

Excepting two topic sentences, the information here should be recorded in note-form: the object at this stage is not to write the essay.

Ideas should be given in your own words with the corresponding in-text citation recorded e.g. (Mapperley, 2019)

Introduction
- Highlight importance of global warming. Temperature rising 1.5 degrees Celsius by 2040, which will cause natural disasters (NRDC 2021).   - Link to human activity and carbon dioxide   - Define *carbon footprint* = '…measuring the amount of greenhouse gases released by a certain activity'.   - Become more specific – moving from *country* carbon footprint to *individual* carbon footprint.   - Provide road map for essay stating the two areas I will focus on i.e. reducing single use plastic and improving energy efficiency in homes.

MBP1

Topic sentence (full-form): The reduction of Single-use Plastic Products (SUPPs) is an important means by which individuals can reduce their carbon footprint.

- Highlight why plastic is related to global emissions. e.g. Plastic = 6% global oil use ↑ to 50% in 2050. (World Bank 2021)
- Explain how waste plastic also affects global warming e.g. only 16% plastic is recycled (World Economic Forum 2022).
- Explain how burning plastic releases harmful gases e.g. *black carbon* (World Economic Forum 2022).
- Show that individuals need to be aware of dangers mentioned above so they can make positive changes.
- 1st change = reuse and repurpose plastic bags as many times as possible.
- 2nd change = choose reusable drinking bottles and save cutlery given by take away food companies (UNEP 2021).

MBP2

Topic sentence (full-form): A further method by which individuals can reduce their carbon footprint is to limit household electricity usage.

- Explain importance of energy use in homes - e.g. U.S. homes are 6th largest carbon producer in the world (PNAS, 2020, cited in Sealed, 2022).
- 1st method to reduce carbon = insulate and seal home.
- Explain what insulation and sealing is + e.g. double-glazed windows and foam boards (U.S. Dept. of Energy 2022).
- 2nd use smart controls.
- Explain what smart controls are + e.g. turning lights off remotely.
- Highlight importance of turning lights off e.g. av. house in U.K. uses 45KG of carbon every year for devices left on standby (Energy Savings Trust 2022).

MBP3 (if needed)

Topic sentence (full-form):

Conclusion
• Restate 2 methods for reducing carbon footprint (reducing single-use plastic + household electricity). • Summary of single use-plastic reduction. • Summary of lowering household electricity. • Recommendations = Individual change needs to work with government policy change e.g. 1. 'nudge economics' - paying for plastic bags. 2. Grants and tax breaks 3. Education that people have power for change.

For the <u>marker's use only</u>. Do not delete.

	Item	Mark
a	Plan submitted on the RWAC IWA planning template **and** labelled Name Class Plan e.g. Jiahua Chen A11 Plan	**1/0**
b	Plan made in efficient **note form**	**1/0**
c	Student shows evidence of a clear intended structure that introduces <u>two</u> appropriate measures	**2/0**
d	Student shows evidence of having engaged with at least <u>four</u> sources, these drawn ONLY from the Reading List	**4/0**
e	Student provides <u>two</u> **full** topic sentences written in a developing academic style	**2/0**
	TOTAL before deductions	**/10**

Note: there are no 'part-marks': it is the whole mark or zero.

Penalties

	Infringement	Penalty
g	Submitted after deadline	**-5**
h	Evidence of cut and paste from sources	**-5**
	TOTAL AFTER PENALTY DEDUCTIONS	**/10**