

C Grade Round 2

That electric cars do more harm than good.

Background:

Electric vehicles (EVs) are vehicles which are powered by electricity rather than liquid fuel. There are currently a number of different types of EV, including: fuel cell EVs, battery powered EVs, and hybrid vehicles which use a combination of electricity and liquid fuel. EVs have been on the market in Australia for several years and are available from a range of brands.

Questions for consideration:

- What are the components used to make electric cars/petrol cars? What impact do they have on the environment?
- What impact do petrol cars have on the environment?
- How are electric cars powered? Where does that power come from?
- Who is buying electric cars? Who is buying petrol cars?
- What effect do electric cars have on petrol prices?
- How do fully electric cars compare to hybrids and fully petrol cars?
- What alternatives are there to electric cars?

Resources:

<https://www.nytimes.com/2021/03/02/climate/electric-vehicles-environment.html>

<https://ypte.org.uk/factsheets/electric-cars/the-end-in-sight-for-fossil-fuels>

<https://www.epa.gov/greenvehicles/electric-vehicle-myths>

<https://www.washingtonpost.com/climate-environment/2023/09/19/electric-cars-better-environment-fossil-fuels/>

<https://www.hsph.harvard.edu/news/hsph-in-the-news/increasing-the-use-of-electric-cars-could-improve-health-outcomes/>