

Name _____

Range Anxiety with Electric Vehicles

Open-Ended Response Answer Key

1. Electric vehicles are powered by batteries and electric motors, while gasoline cars rely on internal combustion engines and gasoline. EVs produce no tailpipe emissions and are considered more eco-friendly.
2. Advancements can lead to longer-range electric vehicles, providing drivers with more confidence in their ability to reach their destinations without running out of power.
3. Public charging infrastructure provides convenience and peace of mind for EV owners, allowing them to charge their vehicles when away from home. It helps alleviate range anxiety by ensuring there are charging options available.
4. Education and awareness help electric vehicle owners understand their vehicles better, their range capabilities, and how to plan trips effectively. It also allows them to connect with a supportive community for tips and advice.

