

## Domain Debate Answer Key

### Sample Response

Electric vehicles help reduce **greenhouse gas emissions** because they don't burn **fossil fuels** like gasoline cars do. When charged using **renewable energy** sources such as wind or solar power, their **carbon footprint** becomes even smaller. However, improving **battery efficiency** and expanding **charging infrastructure** are important steps to make them more practical for everyone. Overall, EVs represent a cleaner and more sustainable transportation option.

### Teacher's Guide

- **Skill Focus:** Students apply **domain-specific technical vocabulary** in a **persuasive argument**, strengthening both content knowledge and formal writing skills.
- **Differentiation Tips:**
  - For emerging writers, provide sentence starters (e.g., "One reason electric cars are better is because...").
  - For advanced students, encourage them to integrate **counterarguments** using accurate terminology.
- **Engagement Ideas:**
  - Hold a mini "Tech Talk Debate" where students take sides and must use at least three terms aloud to defend their claim.
  - Invite students to choose a different topic (e.g., "Artificial intelligence improves education") and repeat the exercise.
- **Extension Activities:**
  - Have students research how one key term (like *carbon footprint* or *battery efficiency*) is measured in real-world studies.
  - Encourage students to create visual aids (infographics or slides) illustrating how each term supports their argument's logic.