

Name _____

Energy-Efficient Technologies: Maximizing Power, Minimizing Waste

Open-Ended Response Questions

1. Investigate and explain how the energy efficiency of a home can be improved through better insulation and sealing.
2. Reflect on the impact of energy-efficient technologies on reducing greenhouse gas emissions and combating climate change.
3. Analyze the economic benefits of using energy-efficient appliances in households, considering both short-term savings and long-term advantages.
4. Imagine a world where all vehicles are powered by renewable energy sources and are highly energy-efficient. How would this impact air quality, energy consumption, and transportation systems globally?

