

Climate Change Solutions

Introduction

Solving climate change requires a multi-faceted approach. From individual behaviors to national and global policy, change must occur at all levels. Solutions can be broadly divided into mitigation (reducing emissions) and adaptation (adjusting to effects).

Key Solutions

- Transition to renewable energy (solar, wind, hydro)
- Improve energy efficiency in buildings and industry
- Promote electric vehicles and public transit
- Implement carbon pricing and climate policy
- Support reforestation and ecosystem restoration
- Innovate in agriculture and reduce food waste

Personal Actions That Matter

- Reduce energy use: turn off unused lights and appliances
- Eat a more plant-based diet and avoid food waste
- Drive less, use public transport or bike
- Buy local and sustainable products
- Educate others and vote for climate-positive policies

Classroom Discussion Questions

- Which of the listed solutions do you think is most impactful? Why?
- What are barriers to switching from fossil fuels to renewables?
- What changes could you make today to reduce your carbon footprint?