

Renewable Energy Education

Education is an important first step in making this transition. Renewable energy technologies are ready to be implemented, but increased public confidence, regulatory reforms, and a system of economic incentives for development of these resources are needed to make large-scale use of renewables a reality.

Renewable energy is an ideal topic for each and every one of us. A unit on renewables can be used to teach basic scientific principles: the sun as the source of Earth's energy, conversion of energy from one form to another, or electricity generation. Environmental science teachers can incorporate activities on renewable energy into a unit on the environmental impact of energy use. Social studies teachers can select renewable energy activities that demonstrate how the marketplace and our political system govern the way energy decisions are made.

An understanding of renewable energy will be a crucial part of scientific literacy for the future. When they reach through this, many of our countrymen will be commuting from solar energy powered homes in biomass fuelled cars. Much of the electricity they use at home and in the workplace will come from solar, wind, biomass, and geothermal power. This guide will help you provide your countrymen with an understanding of the technologies and the political and economic systems that will lay a foundation for a clean, sustainable energy future.

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