DOE Resources and Opportunities for Teachers
Dept of Energy main science education website:

- Energy Literacy Framework is a guide to help energy educators teach energy from the natural to the social sciences. Also available in Spanish.
- Video series addressing each of the 7 literacy principles: http://www.energy.gov/eere/education/downloads/energy-literacy-videos
DOE Lesson Plans and Activities

- Office of Science searchable lesson plans from national laboratories http://science.energy.gov/wdts/steam-resources/?topic=&grade=&disc=&type=&page=2
- Great DOE maps and graphs http://www.energy.gov/maps
- WINDExchange teaching material including curriculum, science projects, online handbooks from DOE and external groups http://apps2.eere.energy.gov/wind/windexchange/schools_teaching_materials.asp
DOE Lesson Plans and Activities

- Office of Fossil Energy study guides and activities emphasizing coal, natural gas, and petroleum [http://www.fossil.energy.gov/education/energylessons/Study_Guides_and_Activities.html]

- Office of Nuclear Energy curriculum extension in 9 parts called The Harnessed Atom [http://www.energy.gov/ne/services/harnessed-atom]

- Energy Information Administration teacher guide for quick ideas on how to use their websites [http://www.eia.gov/kids/energy.cfm?page=teacher_guide#lesson_presentations]

- Connect! Transform the Future lessons about energy sources, energy efficiency, and energy conservation created in conjunction with National Geographic [http://www.connectenergyed.org/?ar_a=1]
Department of Energy Laboratory Education Offices

Argonne National Lab  http://www.anl.gov/education/educational-programs
Fermi National Accelerator Lab  http://ed.fnal.gov/
**HIGH SCHOOL COMPETITIONS**

- BioenergizeME Infographic Challenge to research, interpret, apply, and then design an infographic that responds to one of four bioenergy topics. [http://www.energy.gov/eere/bioenergy/infographic-challenge](http://www.energy.gov/eere/bioenergy/infographic-challenge)

- National Science Bowl is an annual, nation-wide competition where students are quizzed in a fast paced question-and-answer format to test their knowledge in STEM fields. [http://science.energy.gov/wdts/nsb/](http://science.energy.gov/wdts/nsb/)

**TEACHER FELLOWSHIP**

- Albert Einstein Distinguished Educator Fellowship provides a professional development opportunity for accomplished K-12 educators in the fields of STEM to serve in the national education arena. Fellows spend eleven months working in a federal agency or Congressional office, bringing their knowledge and experience in the classroom to education program and/or education policy efforts. [http://science.energy.gov/wdts/einstein/](http://science.energy.gov/wdts/einstein/)