



## Want to Learn More?

For Pre-K through high school students, teachers, parents and administrators

### STUDENT RESOURCES

#### PRE-K – 4TH GRADE

|                           |  |
|---------------------------|--|
| Lessons and Activities    | <p><b>Games and Puzzles</b></p> <p>Includes coloring books, connect-the dots, word searches, puzzles, and a Junior-level version of “Watts That?” an interactive internet Energy Game Show. Visit <a href="http://www.energyquest.ca.gov/index.html">http://www.energyquest.ca.gov/index.html</a>.</p>   |
|                           | <p><b>Energy related stories, games, and age appropriate activities</b></p> <p>Includes scavenger hunts and home and school surveys. Visit <a href="http://www.eia.doe.gov/kids/">http://www.eia.doe.gov/kids/</a>.</p>  |
|                           | <p><b>Energy Information and Activity Booklets</b> Visit <a href="http://www.need.org/energyinfo.php">http://www.need.org/energyinfo.php</a>.</p>  |
|                           | <p><b>Hog Busters Training Camp</b></p> <p>This site allows young children to explore the world of energy in a fun way that inspires them to save energy by “busting” energy hogs at home. Visit <a href="http://www.energyhog.org/childrens.htm">http://www.energyhog.org/childrens.htm</a>.</p>  |
|                           | <p><b>Get Wise Web Site Games</b></p> <p>Includes interactive Hangman, a Lights and Sound Memory Game, and e-cards to encourage friends and family to conserve energy. Visit the kids’ page at <a href="http://www.getwise.org">http://www.getwise.org</a>.</p>  |
|                           | <p><b>Captain Planet</b></p> <p>Has online games, coloring books, and more for aspiring Planeteers. Visit <a href="http://www.captainplanetfoundation.org/">http://www.captainplanetfoundation.org/</a>.</p>   |
|                           | <p><b>Kids for Conservation online games</b> Visit <a href="http://www.maytagenergy.netfirms.com/club/online_games.htm">http://www.maytagenergy.netfirms.com/club/online_games.htm</a>.</p>  |
|                           | <p><b>Get Smart About Energy!</b></p> <p>The U.S. Dept. of Energy’s (DOE) new web site includes hands-on activities that address energy fundamentals, energy efficiency, sources of energy, and the environmental impacts of energy use. Visit <a href="http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=1">http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=1</a>.</p>  |
| Contests and Competitions | <p><b>Earth Artists Program</b></p> <p>An annual contest open to K-5 students who create posters and poems suggesting actions that they and others can take to increase awareness and protect the environment. All entries must be received by March 2008. Call EPA’s Education Program toll free at (888) EPA-7341 or visit <a href="http://www.epa.gov/region1/students/poem.html">http://www.epa.gov/region1/students/poem.html</a>.</p>            |
|                           | <p><b>Igniting Creative Energy Challenge</b></p> <p>Participating students compete in creating a project that best communicates smart energy choices for an individual, family, or community. Category entries include a science project, essay, story, artwork, photograph, music, video or Web site project. Grand prize is a trip to Hawaii. Visit <a href="http://www.ignitingcreativeenergy.org/">http://www.ignitingcreativeenergy.org/</a>.</p> |
| Resources/ Links          | <p><b>Dr. E’s Energy Lab</b></p> <p>Fun facts and information on energy issues for young kids. Visit <a href="http://www.eere.energy.gov/kids/">http://www.eere.energy.gov/kids/</a>.</p>  |

## TEACHER RESOURCES

### PRE-K – 4TH GRADE

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| Resources and Links  | <p><b>Fun with the Sun</b><br/>Energy activities, for grades K-2, developed by the National Renewable Energy Laboratory. Visit <a href="http://www.nrel.gov/docs/gen/fy01/30928.pdf">http://www.nrel.gov/docs/gen/fy01/30928.pdf</a>.</p>   |
| Lessons and Activities   | <p><b>NEED (National Energy Education Development Project)</b><br/>Can help plan, develop, and implement energy education programs for your school, and offers a full catalog of products and services. Visit <a href="http://www.need.org/curriculum.php">http://www.need.org/curriculum.php</a>.</p>  |
|  | <p><b>Energy Information and Activities Booklets</b> Visit <a href="http://www.need.org/EnergyInfoBooksActivities.php">http://www.need.org/EnergyInfoBooksActivities.php</a>.</p>   |
|  | <p><b>Energy Chants</b> Visit <a href="http://www.need.org/needpdf/infobook_activities/PrimaryActivities/PChants.pdf">http://www.need.org/needpdf/infobook_activities/PrimaryActivities/PChants.pdf</a>.</p>  |
|  | <p><b>The Energy Hog Challenge</b><br/>A set of classroom activities for grade levels 3-8 that guide children through lessons about different sources of energy, how we use energy at home, and how to bust energy hogs to save energy. Each student can become an Official Energy Hog Buster upon completion of the lessons. It covers the subject areas of Science, Math, Technology, Language Arts and Social Studies, and meets national learning standards. Visit <a href="http://www.energyhog.org/pdf/teacherguide.pdf">http://www.energyhog.org/pdf/teacherguide.pdf</a>.</p>   |
|  | <p><b>GetWise.org — LivingWise Resource Action Program</b><br/>Introduces students to the concept of energy as a resource, and then extends that knowledge to the idea of renewable and nonrenewable resources in our daily lives. Correlates with Connecticut's 3rd – 5th Grade State Standards. Visit <a href="http://www.getwise.org/correlations/LivingWise/ct3-5.pdf">http://www.getwise.org/correlations/LivingWise/ct3-5.pdf</a></p>   |
|  | <p><b>Discovery Education</b><br/>A division of Discovery Communications, LLC the leading global nonfiction media company and leader in digital video-based learning, Discovery Education produces and distributes high-quality digital resources in easy-to-use formats in all core-curricular subject areas. Visit <a href="http://www.school.discoveryeducation.com">http://www.school.discoveryeducation.com</a></p>  |
|  | <p><b>Get Smart About Energy!</b><br/>The U.S. Dept. of Energy's new web site includes hands-on activities that address energy fundamentals, energy efficiency, sources of energy, and the environmental impacts of energy use. All the activities and lesson plans are aligned with the National Science Education Standards. Teacher guides are included with many of the lessons, and all the materials are free and reproducible. Access K-4 Energy Lessons at <a href="http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=1">http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=1</a>.</p> |
|  | <p><b>Energy Match</b><br/>An interesting and useful source of information about energy, energy conservation, and efficiency. Interactive activities for younger children to learn about energy. Visit <a href="http://www.energymatch.com/kidsgateway.asp">http://www.energymatch.com/kidsgateway.asp</a></p>  |
|  | <p><b>National Energy Foundation</b><br/>Resources available for teachers and administrators. Visit <a href="http://www.nef1.org/educators.html">http://www.nef1.org/educators.html</a>.</p>  |
|  | <p><b>Energized Learning Lessons, Resources, and Links.</b> Visit <a href="http://www.energizedlearning.lbl.gov/s_links.html">http://www.energizedlearning.lbl.gov/s_links.html</a>.</p>  |
| <p><b>eeSmarts.com</b><br/>A utility sponsored initiative which provides age appropriate educational materials directly to the classroom. Visit <a href="http://www.eesmarts.com/ct/index.asp">http://www.eesmarts.com/ct/index.asp</a>.</p> |   |
| Contests and Competition   | <p><b>Igniting Creative Energy Challenge</b><br/>Students compete in creating a project that best communicates smart energy choices for an individual, family, or community. Category entries include a science project, essay, story, artwork, photograph, music, video or web site project. Grand prize is a trip to Hawaii. Visit <a href="http://www.ignitingcreativeenergy.org/">http://www.ignitingcreativeenergy.org/</a>.</p>   |

## STUDENT RESOURCES

### GRADES 5 – 8

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|---------------------------------|--|
| Lessons<br>and<br>Activities    | <p><b>Games, Puzzles and Activities</b><br/>Including Flash! Interactive “Watts That?” online game. Visit <a href="http://www.energyquest.ca.gov/games/index.html">http://www.energyquest.ca.gov/games/index.html</a>.</p>   |
|                                 | <p><b>Energy Matters online game</b> Visit <a href="http://www.library.thinkquest.org/20331/">http://www.library.thinkquest.org/20331/</a>.</p>  |
|                                 | <p><b>The Green Squad</b><br/>Helps students understand the relationship between their schools, energy, and the environment.<br/>Visit <a href="http://www.ftexploring.com/links/lessonplans.html">http://www.ftexploring.com/links/lessonplans.html</a>.</p>  |
|                                 | <p><b>Connecticut Global Fuel Cell Center</b><br/>Located 5 minutes from the UCONN Storrs campus, and provides hands-on demonstrations of the operation of a fuel cell, key components, and the applications of various types of fuel cells. Call (860) 486-8375 or visit <a href="http://www.ctfuelcell.uconn.edu/educationoutreach.htm">http://www.ctfuelcell.uconn.edu/educationoutreach.htm</a>.</p>   |
|                                 | <p><b>Science Fair Projects on Energy</b> Visit <a href="http://www.energyquest.ca.gov/projects/index.html">http://www.energyquest.ca.gov/projects/index.html</a>.</p>   |
|                                 | <p><b>Kids for Conservation online games</b> Visit <a href="http://www.maytagenergy.netfirms.com/club/online_games.htm">http://www.maytagenergy.netfirms.com/club/online_games.htm</a>.</p>  |
|                                 | <p><b>Energy Science Projects and Activities</b> Visit <a href="http://www.1.eere.energy.gov/education/science_projects.html">http://www.1.eere.energy.gov/education/science_projects.html</a>.</p>  |
|                                 | <p><b>FUNenergy games and activities</b> Visit at <a href="http://www.cwndesign.co.uk/funergy/">http://www.cwndesign.co.uk/funergy/</a>.</p>   |
| Contests<br>and<br>Competitions | <p><b>Project Superpowers</b><br/>Students enter a “top-secret” site where scientists are conducting experiments on Super Heroes to test their energy-saving Super Powers. To enter the lab go to <a href="http://www.projectssuperpowers.com">http://www.projectssuperpowers.com</a>.</p>   |
|                                 | <p><b>Cool It! The Climate Change Challenge</b><br/>A competition where students learn about climate change and create local solutions to the global problem for awards up to \$10,000. Students can participate through their schools, home schools, after school programs, community centers, or other youth organizations. For more information send an email to &lt;<a href="mailto:ask@coolitchallenge.org">ask@coolitchallenge.org</a>&gt; or call (860) 465-0256.</p> |
|                                 | <p><b>National Middle School Science Bowl</b><br/>Offers 2 competitions at the National Middle School Science Bowl — an academic math and science competition and a model fuel cell car competition. Visit <a href="http://www.scied.science.doe.gov/nmsb/default.htm">http://www.scied.science.doe.gov/nmsb/default.htm</a>.</p>  |
| Resources<br>/Links             | <p><b>Igniting Creative Energy Challenge</b><br/>Students compete in creating a project that best communicates smart energy choices for an individual, family, or community. Categories include a science project, essay, story, artwork, photograph, music, video or web site project. Grand prize is a trip to Hawaii. Visit <a href="http://www.ignitingcreativeenergy.org/">http://www.ignitingcreativeenergy.org/</a>.</p>  |
|                                 | <p><b>Student Resources on Renewable Energy</b><br/>Information on Biomass, Geothermal, Hydrogen, Wind and Solar Energy.<br/>Visit <a href="http://www.nrel.gov/learning/student_resources.html">http://www.nrel.gov/learning/student_resources.html</a>.</p>  |
|                                 | <p><b>Energy Planet’s Directory of Renewable Energy</b> Visit <a href="http://www.energyplanet.info/">http://www.energyplanet.info/</a></p>  |

## TEACHER RESOURCES

### GRADES 5 – 8

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| Resources and Links  | <p><b>Information on Connecticut Energy Issues</b><br/>Energy Efficiency, Clean Energy Options, Utility Information for Restructuring, Energy Assistance, Environmental Issues, Consumer Issues and Research &amp; Public Policy. Visit <a href="http://www.CTEnergyInfo.com">http://www.CTEnergyInfo.com</a>.</p>   |
| Lessons and Activities   | <p><b>Connecticut Energy Education</b><br/>Any of the lessons, labs, and activities on the Fundamentals of Energy, Climate Change, and Energy Efficiency apply to students from the 5th grade on. Visit <a href="http://www.ctenergyeducation.com">http://www.ctenergyeducation.com</a>.</p>   |
|  | <p><b>Flying Turtle</b><br/>A massive web site for teachers who want to explore energy issues. Visit <a href="http://www.exploring.com/energy/energy.html">http://www.exploring.com/energy/energy.html</a>.</p>  |
|  | <p><b>National Energy Information Center (NEIC)</b><br/>Resources for K–12 are published and updated yearly (in October). A service of the Energy Information Administration (EIA), that provides a list of generally available free or low-cost energy related educational materials. Visit <a href="http://www.eia.doe.gov/bookshelf/eeer/kiddietoc.html">http://www.eia.doe.gov/bookshelf/eeer/kiddietoc.html</a>.</p>  |
|  | <p><b>Connecticut Global Fuel Cell Center</b><br/>Located 5 minutes from the UCONN Storrs campus, and provides hands-on demonstrations of the operation of a fuel cell, key components, and the applications of various types of fuel cells. Call (860) 486-8375 or visit <a href="http://www.ctfuelcell.uconn.edu/educationoutreach.htm">http://www.ctfuelcell.uconn.edu/educationoutreach.htm</a>.</p>   |
|  | <p><b>National Renewable Energy Laboratory</b><br/>Offers K–12 Education programs on renewable energy and is designed to have students explore sustainable energy solutions for the future. Visit <a href="http://www.nrel.gov/education/">http://www.nrel.gov/education/</a>.</p>   |
|  | <p><b>Northeast Sustainable Energy Association</b> educational resources. Visit <a href="http://www.nesea.org/education/">http://www.nesea.org/education/</a>.</p>   |
|  | <p><b>Energy for Keeps</b><br/>An illustrated guide for energy users produced by California’s Energy Education Group. The site includes information about the 240-page hardcover book (ISBN0-9744765-0-1) suitable for grades 6–12, and free downloadable fact sheets, student activities, and more. Visit <a href="http://www.energyforkeeps.com/">http://www.energyforkeeps.com/</a>.</p>  |
|  | <p><b>Get Smart About Energy!</b><br/>U.S. Dept. of Energy’s new web site includes hands-on activities that address energy fundamentals, energy efficiency, sources of energy, and the environmental impacts of energy use, and all the activities and lesson plans are aligned with the National Science Education Standards. Teacher guides are included with many of the lessons, and all the materials are free and reproducible. Visit <a href="http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=2">http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=2</a>.</p> |
|  | <p><b>NEED (National Energy Education Development Project)</b><br/>Can help plan, develop, and implement energy education programs for your school, and offers a full catalog of products and services. Visit <a href="http://www.need.org/curriculum.php">http://www.need.org/curriculum.php</a>.</p>   |
|  | <p><b>Energy Match</b><br/>An interesting and useful source of information and interactive activities about energy, energy conservation, and efficiency. Visit <a href="http://www.energymatch.com/kidsgateway.asp">http://www.energymatch.com/kidsgateway.asp</a>.</p>  |
|  | <p><b>National Energy Foundation Resources</b> Visit <a href="http://www.nef1.org/educators.html">http://www.nef1.org/educators.html</a>.</p>  |
| <p><b>Clean Energy Education</b><br/>Includes Energy Efficiency lessons, Home Energy Quiz, Writing Across the Disciplines Lesson used to research the Clean Energy Options and 20% by 2010 campaign, and a Compact Fluorescent (CFL) Cost-Benefit Analysis. Visit <a href="http://www.ctenergyeducation.com/lessons">http://www.ctenergyeducation.com/lessons</a> and <a href="http://www.ctenergyeducation.com/index.htm">http://www.ctenergyeducation.com/index.htm</a>.</p> |  |
| Contests and Competitions  | <p><b>Cool It! The Climate Change Challenge</b><br/>A competition open to all middle and high school students. Students learn about the science of climate change, and then create real local solutions to this global problem for awards up to \$10,000. Students can participate through their schools, home schools, after school programs, community centers, or other youth organizations. For more information call (860) 465-0256 or send an email to <a href="mailto:ask@coolitchallenge.org">ask@coolitchallenge.org</a>.</p>   |

## TEACHER RESOURCES

### GRADES 5 - 8

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| Contests and Competitions | <p><b>Junior Solar Sprint Model Solar Car Competition</b></p> <p>Open to middle school students who design, build, and compete with model solar electric cars at area and state events around the Northeast. Each year, top winners from local races are invited to NESEA's Northeast JSS Championship. Visit <a href="http://www.nesea.org/education/jss/index.html">http://www.nesea.org/education/jss/index.html</a></p>                                 |
|                           | <p><b>Igniting Creative Energy Challenge</b></p> <p>Participating K-12 students compete in creating a project that best communicates smart energy choices for an individual, family, or community. Category entries include a science project, essay, story, artwork, photograph, music, video or Web site project. Grand prize is a trip to Hawaii. Visit <a href="http://www.ignitingcreativeenergy.org/">http://www.ignitingcreativeenergy.org/</a>.</p> |
| Resources /Links          | <p><b>Connecticut Energy Education Connecticut Science Framework Correlation Grid</b></p> <p>Visit <a href="http://www.ctenergyeducation.com/images/framework%20Alignment.doc">http://www.ctenergyeducation.com/images/framework% 20Alignment.doc</a></p>   |
|                           | <p><b>CT Energy Education</b></p> <p>Offers hands-on workshops for your school, and can help arrange CEUs if available. Call Laura Kohl at (860) 465-0256 or visit <a href="http://www.ctenergyeducation.com">http://www.ctenergyeducation.com</a></p>  |
|                           | <p><b>Energy Education Material and Resources for Teachers and Parents</b></p> <p>Visit <a href="http://www.energyquest.ca.gov/teachers_resources/books.html">http://www.energyquest.ca.gov/teachers_resources/books.html</a></p>   |
|                           | <p><b>Academy of Energy</b></p> <p>Web site has games, puzzles, and student resources for energy education. Visit <a href="http://www.academyofenergy.org/students2.html">http://www.academyofenergy.org/students2.html</a></p>   |

## STUDENT RESOURCES

### GRADES 9 - 12

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| Lessons and Activities   | <p><b>Energy consumption, conservation and sustainability issues</b><br/>Visit <a href="http://www.eia.doe.gov/kids/energyfacts/saving/efficiency/savingenergy_secondary.html">http://www.eia.doe.gov/kids/energyfacts/saving/efficiency/savingenergy_secondary.html</a>.</p>   |
|  | <p><b>Flying Turtle's web site on Energy</b><br/>Covers different types of energy, and energy transformations. Visit <a href="http://www.ftexploring.com/energy/energy-1.htm">http://www.ftexploring.com/energy/energy-1.htm</a></p>  |
|  | <p><b>12 Steps to a Sustainable High School</b><br/>Visit <a href="http://ctclimatechange.com/documents/12stepstoasustainable_highschoolISE.pdf">http://ctclimatechange.com/documents/12stepstoasustainable_highschoolISE.pdf</a>.</p>  |
|  | <p><b>Connecticut Global Fuel Cell Center</b><br/>Located 5 minutes from the UCONN Storrs campus, and provides hands-on demonstrations of the operation of a fuel cell, key components, and the applications of various types of fuel cells. Call (860)486-8375 or visit <a href="http://www.ctfuelcell.uconn.edu/educationoutreach.htm">http://www.ctfuelcell.uconn.edu/educationoutreach.htm</a>.</p>                               |
|  | <p><b>Science Projects</b> Visit <a href="http://www.1.eere.energy.gov/education/science_projects.html">http://www.1.eere.energy.gov/education/science_projects.html</a>.</p>   |
|  | <p><b>FUNenergy games and activities</b> Visit <a href="http://www.cwndesign.co.uk/funenergy/">http://www.cwndesign.co.uk/funenergy/</a>.</p>   |
| Contests and Competitions  | <p><b>DOE High School Science Bowl</b><br/>An academic tournament that tests the brainpower of high school teams on science and math topics. For regional competition information, contact Kevin McLaughlin at (860) 486-5536 or email &lt;kjm@enr.uconn.edu&gt;.</p>   |
|  | <p><b>Cool It! The Climate Change Challenge</b><br/>A competition where students learn about climate change, and then create real local solutions to this global problem for awards up to \$10,000. Students can participate through their schools, home schools, after school programs, community centers, or other youth organizations. Call (860) 465-0256 or email &lt;ask@coolitchallenge.org&gt;.</p>                           |
|  | <p><b>Igniting Creative Energy Challenge</b><br/>Students compete in creating a project that best communicates smart energy choices for an individual, family, or community. Category entries include a science project, essay, story, artwork, photograph, music, video or web site project. Grand prize is a trip to Hawaii. Visit <a href="http://www.ignitingcreativeenergy.org/">http://www.ignitingcreativeenergy.org/</a>.</p> |
| Resources /Links   | <p><b>Student Resources on Renewable Energy,</b><br/>including information on Biomass, Geothermal, Hydrogen, Wind and Solar Energy.<br/>Visit <a href="http://www.nrel.gov/learning/student_resources.html">http://www.nrel.gov/learning/student_resources.html</a>.</p>  |
|  | <p><b>CT Energy Consumption, Price and Expenditure Estimates</b><br/>Visit <a href="http://www.eia.doe.gov/emeu/states/_seds_updates.html">http://www.eia.doe.gov/emeu/states/_seds_updates.html</a>.</p>   |
|  | <p><b>Energized Learning student resources and links</b> Visit <a href="http://www.energizedlearning.lbl.gov/s_links.html">http://www.energizedlearning.lbl.gov/s_links.html</a>.</p>   |
|  | <p><b>Energy Planet's Directory of Renewable Energy</b> Visit <a href="http://www.energyplanet.info/">http://www.energyplanet.info/</a>.</p>  |
|  | <p><b>Connecticut Energy Issues</b><br/>Information on Energy Efficiency, Clean Energy Options, Utility Information for Restructuring, Energy Assistance, Environmental Issues, Consumer Issues and Research &amp; Public Policy. Visit <a href="http://www.CTEnergyInfo.com">http://www.CTEnergyInfo.com</a>.</p>  |
|  | <p><b>Middle and High School Energy Glossaries</b> Visit <a href="http://www.energy.gov/energyglossaries.htm">http://www.energy.gov/energyglossaries.htm</a></p>  |
|  | <p><b>Student Resources for Reports on Energy</b> Visit <a href="http://www.1.eere.energy.gov/education/report_resources.html">http://www.1.eere.energy.gov/education/report_resources.html</a></p>   |
|  | <p><b>Solar Connecticut Information on solar energy news</b> Visit <a href="http://www.solarconnecticut.org/">http://www.solarconnecticut.org/</a>.</p>   |
|  | <p><b>WattsNewCT</b><br/>A Connecticut campaign to educate Connecticut consumers about changes in electric competition. Visit <a href="http://www.wattsnewct.gov">http://www.wattsnewct.gov</a></p>   |
| <p><b>Learning About Renewable Energy and Energy Efficiency</b><br/>A National Renewable Energy Laboratory Web site that provides a good overview of energy efficiency and renewable energy technologies, as well as resources for students by technology. Visit <a href="http://www.eetd.lbl.gov/eXroads/education.html">http://www.eetd.lbl.gov/eXroads/education.html</a></p> |   |

## TEACHER RESOURCES

### GRADES 9 -12

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|--------------------------|--|
| Lessons and Activities   | <p><b>NEED (National Energy Education Development Project)</b><br/>Can help plan, develop, and implement energy education programs for your school, and offers a full catalog of products and services. Visit <a href="http://www.need.org/curriculum.php">http://www.need.org/curriculum.php</a>.</p>   |
|                          | <p><b>Connecticut Energy Education</b> is a curriculum resource for high school educators on energy topics in our state. CT Energy Education offers Lessons on the Fundamentals of energy, Climate Change, and Energy Efficiency. Many lessons may apply to students from 5th grade to college. All lessons are aligned to the Connecticut Science Frameworks.</p>   |
|                          | <p><b>Connecticut Global Fuel Cell Center</b><br/>Located 5 minutes from the UCONN Storrs campus and provides hands-on demonstrations of the operation of a fuel cell, key components, and the applications of various types of fuel cells.<br/>Call (860) 486-8375 or visit <a href="http://www.ctfuelcell.uconn.edu/educationoutreach.htm">http://www.ctfuelcell.uconn.edu/educationoutreach.htm</a></p>   |
|                          | <p><b>Energy Education</b><br/>Resources for Kindergarten through 12th Grade is published and updated yearly (in October) by the National Energy Information Center (NEIC). A service of the EIA, this publication provides students, educators, and other information users, a list of generally available free or low-cost energy related educational materials.<br/>Visit <a href="http://www.eia.doe.gov/bookshelf/eer/kiddietoc.html">http://www.eia.doe.gov/bookshelf/eer/kiddietoc.html</a></p>   |
|                          | <p><b>Get Smart About Energy!</b><br/>US DOE's new web site includes hands-on activities that address energy fundamentals, energy efficiency, sources of energy, and the environmental impacts of energy use, and all the activities and lesson plans are aligned with the National Science Education Standards. Teacher guides are included with many of the lessons, and all the materials are free and reproducible.<br/>Visit <a href="http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=3">http://www.eere.energy.gov/education/lessonplans/grades.cfm/grade=3</a>.</p> |
| Contests and Competition | <p><b>CT Energy Education CFL Challenge</b><br/>Students calculate electrical usage in household lighting and create a cost-benefit analysis for replacing incandescent light bulbs with compact fluorescent light bulbs. Visit <a href="http://www.ctenergyeducation.com/lesson.htm?id=2f549jbd">http://www.ctenergyeducation.com/lesson.htm?id=2f549jbd</a>.</p>   |
|                          | <p><b>Cool It! The Climate Change Challenge</b><br/>A competition where students learn about the science of climate change, and then create real local solutions to this global problem for awards up to \$10,000. Students can participate through their schools, home schools, after school programs, community centers, or other youth organizations. Call (860) 465-0256 or send an email to &lt;<a href="mailto:ask@coolitchallenge.org">ask@coolitchallenge.org</a>&gt;.</p>   |
| Resources /Links         | <p><b>CT Energy Consumption, Price and Expenditure Estimates</b><br/>Visit <a href="http://www.eia.doe.gov/emeu/states/_seds_updates.html">http://www.eia.doe.gov/emeu/states/_seds_updates.html</a></p>   |
|                          | <p><b>CT Energy Education Correlation Grid</b> with CT Science Frameworks.<br/>Visit <a href="http://www.ctenergyeducation.com/images/Framework%20Alignment.doc">http://www.ctenergyeducation.com/images/Framework%20Alignment.doc</a>.</p>  |
|                          | <p><b>Connecticut energy issues</b><br/>Including Energy Efficiency, Clean Energy Options, Utility Information for Restructuring, Energy Assistance, Environmental Issues, Consumer Issues and Research &amp; Public Policy.<br/>Visit <a href="http://www.CTEnergyInfo.com">http://www.CTEnergyInfo.com</a>.</p>  |
|                          | <p><b>Northeast Sustainable Energy Association</b> developed educational materials and resources.<br/>Visit <a href="http://www.nesea.org/education/">http://www.nesea.org/education/</a>.</p>   |
|                          | <p><b>Energy Planet's Directory of Renewable Energy</b> Visit <a href="http://www.energyplanet.info/">http://www.energyplanet.info/</a>.</p>   |