K12 Sustainability Education Resources

GREEN SCHOOL PROGRAMS

Alliance to Save Energy Green Schools and Green Campus Programs
http://www.ase.org/section/program/greenschls

Michigan Green Schools
www.michigangreenschools.us/

Wisconsin Green & Healthy Schools  http://www.dnr.state.wi.us/org/caer/ce/greenschools/index.htm

Greening Schools (Illinois EPA; home/school energy audit lessons for middle and high schools)
http://www.greeningschools.org/resources/view_cat_teacher.cfm?id=192

College Sustainability Report Card
http://www.greenreportcard.org/

K12 CURRICULA

Alliance to Save Energy Elementary, middle school and high school lesson plans
http://www.ase.org/section/_audience/educators/lessons/


Energy Education Kit (EEK!)
The EEK! curriculum teaches students about energy with hands-on, science-based, interdisciplinary lessons. Developed by Western Michigan University and the Sustainable Futures Group with grant assistance from the Michigan Energy Office. Designed for K-8 students with support materials are available online. These lesson plans encourage students to make informed choices about energy consumption. Theoretical concepts relating to energy production are woven into the materials. http://www.michigan.gov/dleg/0,1607,7-154-25676_25770-160788--,00.html

Facing the Future http://www.uspartnership.org/main/show_passage/48#TeachingResources
A nonprofit organization dedicated to educating young people to think critically about global issues, sustainability, and positive solutions. The organization develops standards-based, hands-on lessons, textbooks, and professional development. Facing the Future curriculum is in use in 49 U.S. states and 42 countries by teachers and students in grades K-12, in undergraduate and graduate classes, and across multiple subject areas.

International Dark-Sky Association www.darksky.org

Michigan Environmental Education Curriculum Support (MEECS) contains five Michigan-specific units which provide an opportunity for students in grades 4-9 to learn about Michigan's Ecosystems & Biodiversity (gr. 4-6), Land Use (gr. 5), Water Quality (gr. 6-8), Air Quality (gr. 7-9) and Energy Resources (gr. 7-9) through inquiry and data-based lessons in Science and Social Studies. http://www.michigan.gov/deq/0,1607,7-135-3307_3580_29678---,00.html

National Energy Education Development K-12 Curricula Guides & Activity Kits
http://www.need.org/curriculum.php
**Project Learning Tree (PLT) Energy & Society** program provides formal and nonformal educators with activities for PreK-8 students to learn about their relationship with energy and investigate the environmental issues related to energy's role in society. [http://www.plt.org/cms/pages/21_21_9.html](http://www.plt.org/cms/pages/21_21_9.html)


With links to websites on:
- Environmental Sustainability and Creating a More Humane Future
- Action Opportunities / Make a Difference
- Community Building and Citizenship:
- Consumption: Understanding Our Individual and Global Impacts
- Energy Conservation / Renewable Energies (Solar, Wind, etc.)
- Environmental Education
- Higher Education

[Sustainable Organic Gardening](http://www.gardensimply.com/index.php)

[Sustainable Food Laboratory](http://www.sustainablefoodlab.org/)

[U.S. Partnership for Education for Sustainable Development - K-12 & Teacher Education Sector](http://www.uspartnership.org/main/show_passage/48)

[Watts On Schools](http://www.wattsonschools.com/activities.htm)

K-12 activities related to solar energy.

### PROGRAMS

**Shelburne Farms’ Sustainable Schools Project** - works to help schools use sustainability as an integrating theme, both at the standards level (state and national) and “on the ground” with teachers, coaching and co-constructing curriculum in pilot schools. Conduct an Education for Sustainability Institute in August and customized professional development for schools. [http://www.sustainableschoolsproject.org/](http://www.sustainableschoolsproject.org/)

**Urban and Northern Options** offer practical energy efficiency and environmental sustainability solutions for residents and businesses in Michigan by providing information, educational programs, demonstrations, and energy efficiency programs and services that encourage practical actions people can take to improve the energy efficiency and environmental sustainability of their homes, businesses and communities. [http://www.urbanoptions.org/](http://www.urbanoptions.org/) (In the U.P., contact T. J. Brown at Northern Options in Marquette for community or classroom presentations at: tjbrown@northernoptions.org or call (906) 226-1136)