

<p style="text-align: center;"><b>ONLINE TEACHING RESOURCES</b> <i>Helping you bring Climate Change into the classroom</i></p>
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Following is a list of online resources to help you take on the global climate crisis in your classroom. It offers lesson plans, from one-hour activities to semester long projects, and information about climate change learning materials.

*NB : Not all resources are climate change specific. Many resources present broader environmental issues as well.*

### **CLIMATE CHANGE RELATED**

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<http://www.sfenvironment.com/aboutus/school/> (K-12)

This very complete and clear website offers everything from whole lesson-plans to quick environmental activities according to different themes (recycling, food, wildlife, etc). In the kids section, the website also offers a lot of background information on these themes in a short and simple fashion.

<http://www.climatechangeeducation.org> (K-12)

This comprehensive website contains helpful information on the whole spectrum of global warming education, from teacher training, to funding, to fun field trips and fairs. Also try their California page: <http://www.globalwarmingcalifornia.net/k12.htm>

[www.campusclimatechallenge.org](http://www.campusclimatechallenge.org) (9-12)

Site directed towards older students interested in working for global warming solutions. Check out their blog: [www.itsgettinghotinehere.org](http://www.itsgettinghotinehere.org)

[www.solarschoolhouse.org](http://www.solarschoolhouse.org) (5-12)

This program (to order) uses solar energy as the focus of a curriculum about maintaining a sustainable climate. As a part of the curriculum, students learn the basics of a solar powered home design and then build a model home, etc.

[www.energyquest.ca.gov/index.html](http://www.energyquest.ca.gov/index.html) (5-12)

The California Energy Commission's Energy Quest Website allows students to discover online all there is to know about our energy use (check "Energy vampires"). The "Science projects" section of the teachers section ([http://www.energyquest.ca.gov/teachers\\_resources/index.html](http://www.energyquest.ca.gov/teachers_resources/index.html)) is very complete.

[http://www.zerofootprintkids.com/kids\\_home.aspx](http://www.zerofootprintkids.com/kids_home.aspx) (1-12)

The Zerofootprint Kid's Calculator measures the direct impact of a child's lifestyle on the planet. Measurements are made in terms kids understand: carbon, land, water and trees. There is also a number of resources for teachers and parents on the site.

<http://www.re-energy.ca> (6-12)

A renewable energy and sustainable transportation education website that provides teachers with downloadable teaching materials. Students can build small-scale models of wind turbines, solar cars and more.

[http://octopus.gma.org/climate\\_change/index.html](http://octopus.gma.org/climate_change/index.html) (mostly 5-12)

This NASA-sponsored website offers in-depth science activities to understand climate change mechanisms and impacts.

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## MORE GENERAL RESOURCES

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<http://www.classroomearth.org/classroomearth/index.cfm> (K-12)

A website compiling activities and modules from many different environmental education organizations. Note : activities are not instantly downloadable, they must be either purchased or ordered for free.

<http://eelink.net/pages/Teachers> (K-12)

These pages of the North American Association for Environmental Education website harbour a large selection of resources and links related to environmental education.

<http://www.earthday.net/involved/teachers/bobbybigfoot/default.aspx> (K-8).

These lesson plans developed by the Earth Day Network will help your students understand the concept of sustainability and why it is so vitally important.

[http://www.rprogress.org/education/lesson\\_plans.htm](http://www.rprogress.org/education/lesson_plans.htm) (K-12)

Redefining Progress, in partnership with Earth Day Network, has developed single-day environmental education lesson plans designed to integrate easily into science, social studies, math, and/or economics curricula.

[http://www.rprogress.org/education/training\\_manuals.htm#lesson\\_plans\\_and\\_samples](http://www.rprogress.org/education/training_manuals.htm#lesson_plans_and_samples) (K-12)

Sample lesson plans developed by teachers after having followed a series of workshops on « Thinking Critically about Environmental Impacts throughout History »

[http://www.eduref.org/cgi-bin/lessons.cgi/Science/Environmental\\_Education](http://www.eduref.org/cgi-bin/lessons.cgi/Science/Environmental_Education) (K-12)

These lesson plans (mostly designed for a single class) were submitted by teachers for teachers on a wide range of environmental issues.

[http://www.fredericback.com/ateliers/index\\_fr.shtml](http://www.fredericback.com/ateliers/index_fr.shtml) (1-8)

100% bilingual. This section of a website dedicated to the work of film-animator Frédéric Back contains several free activities that use film-animation as a starting point for classroom activities related to the environment. (I believe our library will soon have the DVDs that these activities require)

<http://www.ideenet.com/ecololabo/ecololabo.html> (2-8)

Ce site propose des vidéos sur de multiples expériences pour mieux comprendre les phénomènes écologiques. Ces vidéos (2-3 minutes) peuvent être visualisées en ligne pour donner des idées expériences à reproduire en classe.

<http://www.globaleducation.ch/francais/pagesnav/frames.htm> (6-12)

Le site de *La Fondation Education et Développement* (Suisse) encourage l'intégration de l'éducation dans une perspective globale en proposant un soutien pédagogique et didactique pour la réalisation de cours tournés vers le développement durable.

<http://www.ec.gc.ca/education/default.asp?lang=fr&n=D3D10112-1> (K-12)

Ce site du gouvernement canadien vous propose des plans de leçons qui vous aideront à intégrer l'environnement dans votre classe. Les thèmes varient de la protection de l'eau à la prévention de la pollution, en passant par les transports.