



FREE Climate Change Curricula for Middle and High School Teachers

Sustainability, Carbon Footprints, and Climate Change

A variety of Lessons and Activities pertaining to these topics have been developed or adapted by the Environmental Resource Program at UNC-Chapel Hill.

<http://www.ie.unc.edu/erp/resources.cfm>

Facing the Future

Climate Change: Connections and Solutions

2-week units for middle school and high school encourage critical thinking about the root causes and interconnections among issues related to climate change. It is available for free download from

<http://www.facingthefuture.org/Curriculum/DownloadFreeCurriculum/tabid/114/Default.aspx>

Climate Change Curriculum for Teachers from the World Wildlife Federation

Your Climate, Your Future

The WWF Climate Change Team has developed a comprehensive educational curriculum that will elevate students' knowledge of the issue and spur dialogue about what each of us can do to make a difference. 15 lesson plans for grades 9-12. Download a FREE pdf of the curriculum (September 2007 Publication) at:

<http://www.worldwildlife.org/climate/Publications/index.html>

Climate Change, Wildlife, and Wildlands -A Toolkit for Teachers and Interpreters

Updated in 2009 and created for classroom teachers and informal educators who address middle school students. The U.S. EPA, in partnership with six other federal agencies (National Park Service, U.S. Fish and Wildlife Service, NOAA, NASA, USDA/Forest Service, U.S. G.S., Bureau of Land Management), developed the kit to aid educators in teaching how climate change is affecting our nation's wildlife and public lands, and how everyone can become "climate stewards."

<http://www.epa.gov/climatechange/wycd/CCWKit.html>

NOAA International Polar Year

The International Polar Year is a large scientific program focused on the Arctic and the Antarctic from March 2007 to March 2009. NOAA has lessons aligned to the National Science Education Standards (NSES) for middle and high school students.

<http://www.ipy.noaa.gov/education/lessons.html>

Northeast Science Center Collaborative Climate Change Backpack

Download the manual by chapters.

<http://www.sciencecentercollaborative.org/backpack.php>

Earth System Science Education Alliance

Module: Global Climate Change

http://esseacourses.strategies.org/module.php?module_id=17

Scroll down on this page to find science lessons and resources for investigating climate change with K-12 students.

Climate Change Curricula for Middle and High School Science Teachers

<http://www.keystonecurriculum.org/>

The Keystone Center's curriculum website with over 65 lessons developed to introduce middle and high school teachers and their students to the topic of climate change and to provide new ways of thinking about the problem and potential solutions. The curricula provide teachers with a non-biased framework for investigating climate change.

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