

# Air Quality Curriculum, Lesson Plans and Resource Guides

## Curriculum and Lesson Plans

EPA Project AIRE <http://www.epa.gov/region01/students/teacher/aire.html>

Lesson Planet (search for air pollution/resources, etc.)  
<http://www.lessonplanet.com> \$

Pennsylvania Department of Environmental Protection "Know Your Ozone" <http://www.dep.state.pa.us/dep/deputate/enved/COACHO.htm> \$

Environmental Institute of Houston "Air-O Dynamic Curriculum"  
[http://www.eih.uh.edu/education/air\\_curriculum/overview.htm](http://www.eih.uh.edu/education/air_curriculum/overview.htm)  
Contact Brenda G. Weiser, Ed.D. <[weiser@cl.uh.edu](mailto:weiser@cl.uh.edu)> \$

Lawrence Berkley National Laboratory "Indoor and Outdoor Air Pollution" (click on classroom activities)  
<http://www.lbl.gov/Education/ELSI/pollution-main.html>

Air Defenders: The Qwest for Clean Air: <http://www.airdefenders.org/>

Environment and Global Climate Change: University of the Arctic  
"Introduction to the Circumpolar World" module for students (grades 9-12)  
addressing climate change and potential environmental changes in the Arctic: [http://www.uarctic.org/bcs/BCS100/bcs100\\_m6.pdf](http://www.uarctic.org/bcs/BCS100/bcs100_m6.pdf)

## Current Data on Air Quality

AIRnow Air Quality Index <http://www.epa.gov/airnow/>

Air Trends <http://www.epa.gov/air/airtrends/>

## Research-related

Global Climate Change-Research Explorer  
"Explore scientific data relating to the atmosphere..."  
<http://www.exploratorium.edu/climate/index.html>

Center of Initiative and Research on Energy and the Environment  
"To conduct syntheses and studies targeted at problems associated with greenhouse gases in order to solve problems...  
To inform educational systems (universities, other advanced educational facilities, high schools, associations...) and the general public." <http://www.cirene.asso.fr/ukco2.php>

## Other Resources

Environmental Justice and Climate Change Initiative  
<http://www.ejcc.org/index.html>

National Park Service Air Resources <http://www2.nature.nps.gov/air/>

The Why Files, "The Air That We Breathe"  
[http://whyfiles.org/030air\\_pollution/index.html](http://whyfiles.org/030air_pollution/index.html)

The American Lung Association <http://www.lungusa.org>

Foundation of Clean Air Progress <http://www.cleanairprogress.org/index.asp>

U.S. National Assessment of the Potential Consequences of Climate Variability and Change - *Educational Resources*: <http://www.usgcrp.gov/usgcrp/nacc/education/default.htm>

## Helpful Indexes and Contact Info

Texas Natural Resource Conservation Commission-Air  
[http://www.tnrcc.state.tx.us/air/monops/lessons/lesson\\_plans.html](http://www.tnrcc.state.tx.us/air/monops/lessons/lesson_plans.html)

EPA Student Center-Air <http://www.epa.gov/students/air.htm>

EPA Teaching Center <http://www.epa.gov/teachers/>

EnviroLink-Air Quality-Educational Resources <http://www.envirolink.org>

Natural Resources Defense Council <http://www.nrdc.org/air/pollution/default.asp>

\* \* \* \* \*