



Environmental Classroom Curriculum Ideas

It is the teacher's responsibility to ensure that classroom materials and lesson plans meet Arizona Department of Education grade appropriate guidelines. Their information is available at <http://www.ade.state.az.us/> The following list is merely a collection of some of the posted internet sites that may support a teacher's search in finding creative environmental science ideas to supplement existing required science curricula.

How-To-Set up Science Clubs:

<http://scienceclubforgirls.org/>

<http://www.cs.wisc.edu/~karavan/afl/home.html>

Water

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

<http://www.k12science.org/curriculum/drainproj/information.html>

Center for Innovation in Engineering and Science Education (K-12)

<http://www.aces.edu/crd/wqc.html>

created by the Alabama Cooperative Extension and Community Resource Development (4-12)

<http://epa.gov/safewater/kids/>

created by the Environmental Protection Agency

Groundwater

http://www.mines.edu/outreach/cont_ed/desp/desp3a.html- lesson plan on groundwater (7-9)

<http://www-apps.niehs.nih.gov/outreach-education/Documents/an0551-0600/AN000594.pdf>

(grade 5-12 Matrix included)

<http://www.sahra.arizona.edu/water/>

an Arizona water educational resource

Storm Water

<http://www.epa.gov/npdes/pubs/stormwaterstickers.pdf>

storm water stickers for early school age children

<http://cfpub.epa.gov/npdes/stormwatermonth.cfm>

other storm water handouts and materials

<http://www.hydroville.org/illness/>

created by Oregon State University (9-12)

<http://www.bellmuseum.org/distancelearning/watershed/>

Air Quality

<http://www.azenvirokids.gov/>

created by the Arizona Department of Environmental Quality
<http://www.awma.org/education/freelessons.asp>

created by the Air and Waste Management Association (K-12)
<http://www.deq.pima.gov/kids/CleanAirClub.html>

created by the Pima County Environmental Quality
<http://www.k12science.org/curriculum/norwich/index.shtml>

Connecticut Department of Environmental Quality
<http://www.wrapair.org/kids/index.html>

provides environmental posters
<http://www.incog.org/Environmental/AQ%20Curriculum/web%20June%2004/K-5%20Table%20of%20Contents.htm>

Tulsa, OK Air quality curriculum- entire curriculum online (K-5)
<http://www.epa.gov/teachers/curric-air.htm>

created by the Environmental Protection Agency
<http://www.intheair.org/K-3.html>

air quality program created by Missouri Botanical Gardens and the EPA. (K-3)
<http://www.intheair.org/3-6.html>

air quality program created by Missouri Botanical Gardens and the EPA. (3-6)
<http://www.intheair.org/6-8.html>

air quality program created by Missouri Botanical Gardens and the EPA (6-8)
<http://www.intheair.org/9-12.html>

air quality program created by Missouri Botanical Gardens and the EPA (9-12)
<http://www.intheair.org/adult.html>

air quality program created by Missouri Botanical Gardens and the EPA (adult)
<http://www.pscleanair.org/news/cleanairexpress.shtml>

air quality program created by Puget Sounds, WA. (K-12)
<http://www.k12science.org/curriculum/norwich/index.shtml>

program created by Connecticut Department of Environmental Protection. (6-8)
<http://www.epa.gov/region01/students/teacher/aire.html>

project A.I.R.E. created by the EPA.
<http://www.epa.gov/region01/eco/iaq/index.html>

Tools for Schools version for students (K-3)
<http://www.slocleanair.org/kids/curriculum/air-simulation.asp>

created by San Louis Obispo, California (K-3)
<http://www.slocleanair.org/kids/curriculum/sampling-pm.asp>

created by San Louis Obispo, California (3-6)
<http://www.slocleanair.org/kids/curriculum/air-weight.asp>

created by San Louis Obispo, California (4-6)
<http://www.aacog.com/air/curriculum/default.htm>

created by the Alamo Area Council of Government, TX (K-12)

Ozone

<http://www.k12science.org/curriculum/airproj/ozoneweather.html>
created through a joint effort with the EPA.
http://www.homeschoollearning.com/units/unit_09-12-01.shtml
Home School Learning Network

Pesticides

<http://www-apps.niehs.nih.gov/outreach-education/Documents/an1101-1150/AN001113.pdf>

Daycare Guide about Poison and Pesticides with curriculum geared for ages up to 5 years old. Written in English and Spanish.

<http://www-apps.niehs.nih.gov/outreach-education/Documents/an1101-1150/AN001112.pdf>

Elementary School Guide about Poison and Pesticides with curriculum geared for ages up to 10 years old. English and Spanish.

<http://www-apps.niehs.nih.gov/outreach-education/Documents/an0301-0350/AN000304.pdf>

Name that Poison Matching Game

<http://www.mda.state.mn.us/ipm/ipmpubs.html#patrol>

Various smaller lesson components on "join our pest patrol" that was created by Minnesota Department of Agriculture.

Various Science Subject Matter

<http://www.ipl.org/div/kidspace/browse/mas6000/>

created by the Internet Public Library

<http://www.weatherwizkids.com/index.htm>

weather curriculum with great experiments

http://www.hhmi.org/coolscience/credits.html#_top

created by Howard Hughes Medical Institute

<http://chainreaction.asu.edu/>

created by Arizona State University

<http://azenvirothon.org/education/index.html>

created for high school students

<http://thegreenfrognews.com/Science.html>

<http://www.awma.org/education/freelessons.asp>

created by the Air and Waste Management Association

<http://www.blm.gov/education/LearningLandscapes/teachers/activities.html>

created by the Bureau of Land Management

<http://ag.arizona.edu/agliteracy/statelessons/lessons.htm>

created by the UofA Cooperative Extension (Agriculture)

<http://www.ehponline.org/science-ed/lessons2005.html>

For more environmental classroom curricula and other children's environmental health issues please contact ADEQ at (602) 771-2300 or (800) 234-5677 or visit www.azdeq.gov