

Resource List for Educators

For more background information on climate change please visit:

- EPA's Climate Change website www.epa.gov/climatechange
- NOAA's Climate Change website www.noaa.gov/climate.html
- State Department's Climate Change website www.state.gov/g/oes/climate/
- U.S. Global Change Research Program www.globalchange.gov/
- Intergovernmental Panel on Climate Change website www.ipcc.ch
- NASA's Global Warming website <http://earthobservatory.nasa.gov/Features/GlobalWarming/>
- NASA's Climate Change--Eyes on the Earth website www.climate.nasa.gov
- NOAA's National Climatic Data Center www.ncdc.noaa.gov

For additional classroom activities on climate change please visit:

- EPA's educational resources on climate change
www.epa.gov/climatechange/wycd/school.html
- Cool School Challenge Classroom Toolkit
www.coolschoolchallenge.org/
- Climate Change, Wildlife, and Wildlands Toolkit
www.globalchange.gov/resources/educators/toolkit
- Wisconsin Department of Natural Resources Climate Guide
www.dnr.wi.gov/org/caer/ce/ee/teacher/Climateguide/PDF/WisCCGuideALL.pdf
- Earth Day Network's Teacher Resources on Climate
www.earthday.net/climate
- Will Steger Foundation Climate Change Curriculum
www.willstegerfoundation.org
- National Wildlife Federation's Eco-Schools
www.nwf.org/Global-Warming/School-Solutions/Eco-Schools-USA.aspx
- National Wildlife Federation's Climate Classroom--Environmental Education to Inspire
www.climateclassroom.org/

National Science Education Standards: Science Content Standards for Classroom Activities

Disappearing Snow

Disciplines: Science (Grades 5-8)

- Unifying Concepts and Processes
 - Systems, order and organization
 - Evidence, models and explanation
 - Change, constancy and measurement
- Physical Science
 - Transfer of energy
- Science in Personal and Social Perspectives
 - Populations, resources, and environments
 - Natural hazards
 - Risks and benefits

Thinking about Carbon CO₂ and What Makes the Earth Sick?

Disciplines: Science (Grades 5-8)

- Earth and Space Science
 - Structure of the earth system
 - Earth's history
 - Earth in the solar system
- Science in Personal and Social Perspectives
 - Personal health
 - Populations, resources and environments
 - Natural hazards
 - Risks and benefits
 - Science and technology in society

The front of this poster shows the winners of the first Region 5 Climate Change Art Challenge for middle school students. One winner was selected from each of EPA Region 5's six states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin. The winning artists, Annamaria Mastrodomenico, Chicago, IL; Jenna Phillips, Bloomington, IN; Anna Brooks, Bloomfield Hills, MI; Maggie Panetta, Rochester, MN; Hannah Donovan, Cincinnati, OH; and Claire Monzel, Milwaukee, WI were among 450 sixth-, seventh-, and eighth-grade students who submitted a drawing or painting that responded to the question "What is Climate Change?"

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