

## Classroom Resources:

- [Archived Version of EPA's "A Student's Guide to Global Climate Change"](#)
- [California Education and the Environment Initiative \(EEI\) Curriculum](#)
- [Climate Generation Curricula](#)
- [Climate Literacy and Energy Awareness Network's \(CLEAN\) Collection of Educational Resources](#)
- [Cool Australia's lessons and activities on sustainability, climate change and green design](#) (accessed by creating a free account)
- [CUP Talking Trash Curriculum Guidebook](#)
- [CUSP NYC Interactive Digital Map on Weather, Climate and Resources](#)
- [DEP's Online Modules and Resources](#)
- [Earth to Sky Climate Change Communication Starter Kit](#)
- [EcoRise Curricula on Sustainable Intelligence, Biomimicry, etc.](#)
- [Gowanus Canal Conservancy Curriculum](#)
- [Greenpoint Eco-Schools Sustainability Toolkit](#)
- [Jamaica Bay AdaptMap ArcGIS](#)
- [Morningside Center's Reflection on Youth Climate Organizing Lesson](#)
- [NEA's Climate Change Education: Essential Information for Educators](#)
- [NASA's Climate Kids Website](#)
- [NASA Globe Program Teachers Guide and Activities](#)
- [National Park Service's Climate Education Resources](#)
- [NOAA's "Beat the Uncertainty: Planning Climate-Resilient Cities" Game](#)
- [NOAA's Data in the Classroom Educational Resources](#)
- [NOAA's Live Tides and Currents Map](#)
- [NOAA's The Essential Principles of Climate Literacy](#)
- [NOAA's Toolbox for Teaching Climate and Energy](#)
- [NYC Mayor's Office of Resiliency Projects Map](#)
- [Our Children's Trust Juliana V. United States Curriculum](#) (accessed by filling out a short form)
- [Project Learning Tree's Southeastern Forests and Climate Change Module](#)
- [Rethinking Schools' A People's Curriculum for the Earth](#)

- [Science News for Students' Climate Change Chronicles](#)
- [Solar One's Green Design Lab](#)
- [The Teacher Friendly Guide to Climate Change](#)
- [The U.S. Climate Resilience Toolkit "The Climate Explorer"](#)
- [Truth to Power School Climate Solution Challenge](#)
- [The Climate Reality Project with Activities and Powerpoints](#)
- [UN's MAPTING Sustainable Development Goals Tool](#)
- [UN's Integrating Climate Change in Education at Primary and Secondary Level](#)
- [U.S. Geological Survey's Activity on GHGs](#)
- [Visualizing Change: A Toolkit for Informal Educators using visual narratives on climate change](#)
- [World Wildlife Fund's Climate Change Resources](#)

## Articles, Studies and Online Resources:

- [Americans Support Teaching Children about Global Warming](#)  
Yale study that proves overwhelming support for climate education nationwide
- [American Association for the Advancement of Science What We Know initiative](#)  
"Based on the evidence, about 97% of climate experts have concluded that human-caused climate change is happening. *What We Know* helps us understand the science behind the realities..."
- [Climate Change Education: Effective Practices for Working with Educators, Scientists, Decision Makers and the Public](#)  
Created by the Climate Change Education Partnership
- [Climate Change: Evidence and Causes booklet](#)  
U.S. National Academies of Sciences and The U.K. Royal Society guidebook for educators and policymakers
- [Climate Reality Project](#)  
This organization provides people with a plethora of resources on climate leadership, education and activism; linked is a two-page flyer with information on climate education

- [Cool Neighborhoods NYC](#)  
A Comprehensive Approach to Keep Communities Safe in Extreme Heat by Mayor's Office of Resiliency
- [Climate and Urban Systems Partnership](#)  
A group of science stakeholders "funded by the National Science Foundation to explore innovative ways to educate city residents about climate change"
- [Environment and Health Data Portal](#)  
NYC Department of Health's tool for exploring environmental and health data from New York City
- [New York State's Environmental Literacy Plan](#)  
A document outlining the State's goals and strategies for more comprehensive local environmental literacy, last updated in December, 2013
- [Global Oneness Project](#)  
Reflections, stories, art and poetry written by students on their experiences with climate change
- [How can schools ensure students are climate change-ready?](#)  
Study International article on the global, student-led climate movement
- [How much warmer was your city in 2015?](#)  
New York Times interactive weather map
- [International Reports on Climate Science](#)  
Published by the Intergovernmental Panel on Climate Change (IPCC)
- [Institute for Humane Education](#)  
Hub for furthering sustainable education; for climate specific resources search climate change in the search tab
- [It Could Be the Age of the Chicken, Geologically](#)  
New York Times article describing the Anthropocene
- [Losing Earth: The Decade We Almost Stopped Climate Change](#)  
New York Times Magazine interactive article on the history of climate change
- [NASA Sea Level Change](#)  
Research and resources related to sea level rise
- [New York City Panel on Climate Change](#)  
2019 report
- [NOAA Precipitation Map of the U.S.](#)
- [NOAA Evaporation Map of the U.S.](#)  
Created by National Weather Service's Climate Prediction Center
- [NOAA Environmental Literacy Program](#)  
"Supporting education programs that use NOAA science to promote stewardship and informed decision making"
- [Northeast climate data](#)  
The National Climate Assessment's interactive report
- [NYC DEP Water Energy Nexus](#)  
Tool created to understand water's impact on energy to help reduce GHG emissions 80% by 2050
- [NYC DOE Sustainability](#)  
Information on ongoing sustainability projects in NYC schools
- [Sustainable Development Goals](#)  
A set of 17 goals adopted by the United Nations in 2015, to achieve by 2030; "a shared blueprint for peace and prosperity for people and the planet, now and into the future"
- [Teach About Climate Change With These 24 New York Times Graphs](#)  
New York Times article with tips for using their climate graphs with students
- [The Psychology of Climate Change Communication](#)  
"A Guide for Scientists, Journalists, Educators, Political Aides, and the Interested Public", developed by The Center for Research on Environmental Decisions
- [The U.S. Global Change Research Program \(USGCRP\)](#)  
"A Federal program mandated by Congress to coordinate Federal research and investments in understanding the forces shaping the global environment, both human and natural, and their impacts on society"
- [U.S. Global Change Research Program Indicator Platform](#)  
"...Highlights key climate information in the form of indicators that: Provide foundational science in support of USGCRP sustained assessment products including the National Climate Assessment"

- [Water Footprint Calculator](#)  
Online tool and resources for calculating direct and indirect water use
- [Weather Underground](#)  
Mission is to challenge “the conventions around how weather information is shared with the public” and “make quality weather information available to every person on this planet”

## Exhibits and Events in NYC:

- American Museum of Natural History’s [Climate Change exhibit in the Hall of Planet Earth](#)
- [The Climate Museum](#)
- [The Wild Center’s Summer Institute for Teachers: Empowering Students for Climate Resilience](#)
- Museum of the City of New York’s [Future City Lab](#)

## Videos and Podcasts:

- [An Inconvenient Sequel](#)  
Al Gore’s follow-up film to *An Inconvenient Truth*, which highlights new climate data, technology, policy and strategies for climate activism
- [2040](#)  
A documentary following a filmmaker’s journey to learn about climate innovations around the world

## Children’s Books:

- [Eyes Wide Open: Going Behind The Environmental Headlines](#) by Paul Fleischman
- [Heroes of the Environment: True Stories of People Who Are Helping to Protect Our Planet](#) by Harriet Rohmer
- [Rising Seas: Flooding, Climate Change and Our New World](#) by Keltie Thomas

- [The New Ocean: The Fate of Life in the Changing Sea](#) by Bryn Barnard

For more student appropriate books on climate change, check out [Teaching for Change’s “Environment and Climate Justice” reading list online.](#)

## Action:

- [Alliance for Climate Education Resources](#)  
Provides a collection of actionable items for students and information on joining their student network of climate activists
- [Climate Speaks](#)  
A platform for youth climate leadership
- [Earth Uprising](#)  
A youth-lead global initiative working to mobilize young people through their Global Youth Council platform to inform climate policy change
- [Extinction Rebellion](#)  
This grassroots climate activism movement provides valuable resources for understanding the science and taking action globally
- [Fridays for Future](#)  
A youth-led group, founded by Swedish activist Greta Thunberg, working to organize youth action for better climate policy in hundreds of cities around the world
- [Sunrise Movement](#)  
An organization that provides information on the green new deal, climate summits, and various opportunities for community organizing for youth

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For more information, visit: [www.nyc.gov/dep](http://www.nyc.gov/dep)