

Links to Additional Resources for Teachers

NYC-Specific Resources

- **[Climate and Urban Systems Partnership \(CUSP\)](#)**
Funded through the National Science Foundation and in partnership with NY Hall of Science, CUSP engages urban residents in community-based learning about climate, climate-change science, and the prospects for enhancing urban quality of life through informed responses to a changing Earth. CUSP offers an interactive digital map that will help users to visualize climate change and its impacts on city living. Map users are able to upload stories, videos, data and pictures related to climate change impacts or programs in their neighborhoods.
[CUSP Map NYC](#)
[CUSP Project](#)
- **[Grow to Learn NYC](#)**
The Citywide School Garden Initiative was established by The Mayor’s Fund and GrowNYC to inspire, facilitate and promote the creation of a sustainable school garden in each and every public school across New York City.
[How-To Gardening Guides](#)
- **[GrowNYC](#)**
GrowNYC is a hands-on nonprofit which improves New York City's quality of life through environmental programs that transform communities block by block and empower all New Yorkers to secure a clean and healthy environment for future generations.
[Green Infrastructure Tool Kit](#)
- **[The Horticulture Society of New York](#)**
The Horticulture Society of NY recognizes the interrelatedness and complexity of the “green” issues in our city, and therefore the core of their efforts is to educate and inform across the spectrum. The Hort still helps New Yorkers know plants and gardens as aesthetic wonders, but now their programs and projects encompass urban farming, rooftop gardening, container vegetable production, bioremediation, storm water abatement, landscape design, vocational training, horticultural therapy, and environmental literacy.
[Apple Seed Education Program](#)
- **[Million Trees NYC](#)**
MillionTreesNYC, one of the 132 PlaNYC initiatives, is a citywide, public-private program with an ambitious goal: to plant and care for one million new trees across the City's five boroughs over the next decade.
[Educator Tool Kit](#)
[Make Every Day an Arbor Day Curriculum Guide](#)
[Tree Care Guide](#)

- [NYC Green Infrastructure Plan and Annual Reports](#)
In September 2010, New York City released the NYC Green Infrastructure Plan which presents an alternative approach to improving water quality that integrates “green infrastructure,” such as rain gardens and green roofs, with investments to optimize the existing system and to build targeted, cost-effective “grey” or traditional infrastructure.
- [S.W.I.M Coalition \(Stormwater Infrastructure Matters\)](#)
Stormwater Infrastructure Matters (S.W.I.M.) is a coalition dedicated to ensuring swimmable and fishable waters around New York City through natural, sustainable stormwater management practices in our neighborhoods. This approach is environmentally and fiscally responsible because it utilizes stormwater, currently viewed as waste, as a resource.

Other Resources

- [Alliance for Community Trees](#)
Alliance for Community Trees is a national nonprofit organization dedicated to building the capacity of its members to plant, sustain, and advocate for trees in America’s communities. [Educational Materials](#)
- [Earth Partnership, University of Wisconsin-Madison Arboretum](#)
Earth Partnership has innovative curriculum guides that direct interdisciplinary explorations in ecology and restoration. Guides are aligned to Common Core standards and encourage growth in science, math, literacy, art, social studies, and more.

The Rain Garden Curricular Sampler is drawn from the K–12 Curriculum Guide for designing and implementing a rain garden. Rain gardens catch and filter runoff that can otherwise cause erosion and spread pollution. They are an excellent way for schools, communities, and residents to make powerful change with a small space and minimal resources.

- [Enhancing Sustainable Communities with Green Infrastructure Guidebook](#)
This EPA guidebook can help local governments, water utilities, nonprofits, neighborhood groups, and other stakeholders integrate green infrastructure strategies into plans that transform communities.
- [NYS DEC Green Infrastructure in the Hudson Valley](#)
This DEC page provides links to view examples of stormwater management projects in the Hudson River Valley that use green infrastructure techniques.
- [Save the Rain](#)
The Save the Rain Program is Onondaga County Executive, Joanie Mahoney’s award-winning initiative to improve the water quality of Onondaga Lake and its tributaries. To date, the County has advanced more than 175 distinct green infrastructure projects, on public and private property. [Educational Materials](#)

- [Sewer in a Suitcase](#)
Provided by the Center of Urban Pedagogy (CUP), Sewer in a Suitcase and the accompanying Educators Guide provide an interactive demonstration of New York City's sewer system.
- [US EPA Green Infrastructure](#)
US Environmental Protection Agency (EPA) provides ample information about green infrastructure.