Civic Science: Inquiry to Action
Program Resources

Children's Environmental Literacy Foundation (CELF)
www.celfeducation.org

NYC Department of Education
NYC DOE School Energy Dashboard

New York City Department of Health (NYC DOH)
NYC Department of Health Air Quality: This links to the indoor and outdoor air quality page of the DOH website
Environmental Health and Data Portal
Community Health Profiles Atlas
https://www1.nyc.gov/assets/doh/downloads/pdf/data/2018-chp-atlas.pdf The health profiles atlas is found on this website, which also links to health profiles by neighborhood per borough.
NYC Department of Health: https://www1.nyc.gov/site/doh/data/data-publications/profiles.page

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HabitatMap
AirCasting

Climate and Urban Systems Partnerships: The Climate and Urban Systems Partnership (CUSP) is a project funded by the National Science Foundation (NSF) for partnerships in Philadelphia, New York, Pittsburgh and Washington, DC to create a joint model of climate change education for use in their cities and other cities across the country; a model that engages urban audiences in community-wide, or systems-level, issues related to climate change via local partnerships.

CUNY School of Law
Mayah's Lot is an environmental justice comic book from the CUNY Center for Environmental Reform

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Young Voices for the Planet is a series of films that show students "taking action"
Words have Power is the story of 10 year old Jaysa from Bridgeport CT who speaks out about the coal fired power plant in her neighborhood as the cause of her asthma.   Words have Power

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NRDC: Protect the health of Low Income Communities

New York State DEC Resources on teaching children about air pollution

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Day in the Life of the Hudson River Teaching about the Hudson River

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Billion Oyster Project: Restore the health of New York Harbor through Oyster reefs. This project has an in-school restoration-based STEM opportunity.

DEC Eel Migration Project:

AirNow.gov
 Teacher's Air quality Resources: Air Quality Lesson Plans

[Climate Change Education from Stanford University](#): Climate change lessons for Middle School
EPA https://www.epa.gov/air-sensor-toolbox/how-use-air-sensors-air-sensor-guidebook#pane-1
National Geographic Society https://www.nationalgeographic.org/activity/measuring-air-quality/
[Inaturalist](#): record observations of an organism at a particular time and location with an inaturalist account. Observations can be made on IPhone, Android, or web.
[Safecast](#): Global volunteer Citizen Science project working to empower people with data about their environments.
[Ebird](#): Is the largest biodiversity citizen science project composed of local, national and international partners.
[Healthy School Index](#): The Center for Disease control's self-Assessment & Planning Guide developed by CDC in partnership with school administrators and staff, school health experts, parents, and national nongovernmental health and education agencies to… ● Enable schools to identify strengths and weaknesses of health and safety policies and programs. ● Enable schools to develop an action plan for improving student health, which can be incorporated into the School Improvement Plan. ● Engage teachers, parents, students, and the community in promoting health-enhancing behaviors and better health.
Community Environmental Justice https://www.nytimes.com/interactive/2020/04/01/nyregion/nyc-coronavirus-cases-map.html?fbclid=IwAR03B157IWfscZrG6a54OQKiqpplPzjoWFz2zL3NXO8Pv86PkfAezEyWBGk This "live" data from above could be used pretty effectively with the maps from the Community Health Profiles Atlas in order to discuss issues of social and environmental justice.
Equity and Access during COVID Pandemic https://www.chicagotribune.com/coronavirus/ct-nw-nyt-tragedy-new-york-virus-epicenter-20200410-mktotr4gd5ftzmklhhc4iq4eem-story.html   on-the-ground perspective of the consequences of inequality during this pandemic: **New York Times** https://www.nytimes.com/2020/04/07/climate/air-pollution-coronavirus-covid.html?smid=ig-nytimes&utm_source=like2buy.curalate.com&crl8_id=4583059a-b36c-4037-9d25-76fca06b44a7