

Benefits of the NYC Envirothon

We all know students love spending the school day outside their school building! But, here are some benefits associated with participating in the NYC Envirothon:

- an outdoor, hands-on learning experience that challenges high school students to explore their knowledge of aquatics, forestry, soils and wildlife
- a chance to debate environmental controversies through role-playing
- a practical application of research analysis and evaluation skills to address natural resource issues
- an opportunity to meet with science experts and professionals working in natural resource management in New York City
- a chance to compete in the State Envirothon and the North American Envirothon



For More Information

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New York City Envirothon

Friday, April 12, 2024

Battery Park

Manhattan



An outdoor, hands-on competition in environmental sciences for NYC high school students



New York City Soil & Water Conservation District
www.soilandwater.nyc

What is an Envirothon?

The Envirothon is a national outdoor, hands-on environmental science competition for high school students in grades 9 through 12.

Winning teams, each representing a single high school from each of the five boroughs of NYC (and each county in the rest of the State), compete at the State Envirothon, with the State winner advancing to the national level.

The Envirothon competition involves five subject categories in which teams are tested: Aquatic Ecology, Forestry, Soils, Wildlife and a Current Issue that changes every year. Each of these categories are represented at separate stations through which the teams must cycle.

Students demonstrate their understanding of each subject category by utilizing professional instruments in supervised, hands-on analyses involving the water, soil and forest at the event site. Students must also give a group oral presentation on the Current Issue.



Current Issue 2024: Renewable Energy for a Sustainable Future

The Current Issue for 2024 will test students' understanding of traditional non-renewable, renewable and alternative sources of energy, technological advancements in energy generation and challenges in transitioning to more sustainable sources of energy.

Students will also examine energy regulations, policies, and roles of individuals in reducing energy consumption.

Group Oral Presentation Station

The “Role-Play” or “Oral Presentation” station is focused on problem solving for a hypothetical environmental dispute related to this year’s Current Issue topic.

Team members, each representing a different constituent, must defend their support or dissent in oral presentations to a panel of judges.

Preparing Students for the Competition

The NYC Soil and Water Conservation District offers free online resources for students to prepare for the competition. We may offer a weekend workshop to give students the opportunity to become familiar with instruments and equipment.



How to Participate

Registration is required.

A team of 4 to 5 students in grades 9 through 12 from any school in NYC—public, charter, private or parochial—may participate. **It is FREE: there are no costs involved.**

A teacher must serve as an advisor and will register the team of students.

Register online from our website at www.soilandwater.nyc/nyc-envirothon.html . The form will become available in mid-December.

Registration will close in January (exact date TBD). For more information, please contact Sasha Ban at Envirothon@soilandwater.nyc