



# NORTH SHORE LAND ALLIANCE

## Long Island Water Education Program

### Program Description:

Since its inception the Long Island Water Education Program has reached over 3,200 students across Long Island. The program – designed and implemented by experienced, certified teachers - is a three-session series for fourth, fifth and sixth graders that addresses STEM and a sampling of Common Core/NYS Education Department standards. Aided through BOCES, the Long Island Water Education Program has consistently received enthusiastic feedback from teachers and students alike.

### Overview:

The program is composed of two classroom sessions and a field trip. In the one-hour hands-on class sessions students:

- learn about our aquifer (where our drinking water comes from)
- build mini models of the aquifer
- experiment to see how recharge and contamination happen
- study precipitation and runoff by simulating rain on permeable and impermeable surfaces
- learn the role land conservation plays in protecting our ground and surface waters
- the field trip, students get to appreciate open space first hand.

### At our Shore Road Sanctuary groups of students rotate through stations including:

- review of runoff concepts at stormwater outlet



- coastal ecosystem investigation with an emphasis on mutualistic relationships
- a pollination game at the pollinator garden where they learn about the benefits of and threats to bees and butterflies
- grassland habitat exploration focusing on the food chain poetry writing about nature

### Funding:

Classroom sessions: \$175 each (\$300 for both) and Field trip \$200

- **Nassau County BOCES:** For more information please visit their website at <http://www.nassauboces.org/Page/5483>
- **Western Suffolk BOCES:** Educators should contact Peggy Unger at [punger@wsboces.org](mailto:punger@wsboces.org) or (631) 360-3652.

To learn how you can use the North Shore Land Alliance Long Island Water Education Program in your classroom, please contact Jane Jackson at 516-922-1028 or [jjackson@northshorelandalliance.org](mailto:jjackson@northshorelandalliance.org).