



**ALLEY POND**  
ENVIRONMENTAL CENTER

229-10 Northern Boulevard | Douglaston, NY 11362  
(718) 229-4000 | [www.alleypond.org](http://www.alleypond.org)

Parking is limited. Bus drop-off only.  
Carpooling is suggested.

## Grades 6-12 Class Visits

### 2 Hour Program Includes:

- Introduction to APEC
- Choice of 6 trip topics
- Live animal demonstration
- Guided nature hike along Alley Pond Park trails
- STEM-based activity

hands-on learning experience tied to topic

*Our instructor-led field trip programs are grade level appropriate and correlate to New York City and New York State standards.*

### To Schedule A Field Trip:

- Call APEC at (718)-229-4000 and ask for the Upper Grades Coordinator
- Program fees:
  - Large Room: \$330\*/maximum of 30 students
  - Small Room: \$220\*/maximum of 20 students
  - Teachers & staff are free
- A \$50 non-refundable deposit per class is due at time of booking
- Water Quality Testing incurs a \$20 material fee per class

\* Additional charge of \$11.00 per student if more than room fee package

### Trip Guidelines:

- Full program, including nature walk, is held rain or shine. Please dress appropriately - i.e. boots in colder wetter months and insect repellent in the spring.
- Leave children on bus and have one teacher register and pay for your group at the Front Desk.
- If your bus is running late please call APEC and we will try to accommodate you.
- APEC does not supply hand sanitizer or paper towels.
- Keep in mind, there are no indoor lunch facilities available, however, there are outdoor picnic tables for your class.

*This program is supported, in part, by public funds from the New York City Department of Cultural Affairs, in partnership with the City Council. Additional funding may have been provided by the NYC Department of Youth & Community Development, NYC Department of Parks & Recreation, members of the NYC Council, and Con Edison.*



## ***Animal Adaptations***

(Grades 6-8)

Explore structural, behavioral, & physiological adaptations of vertebrate animals: mammals, birds, reptiles, and amphibians. Observe and touch live animals during our animal observation session.

**Activity:** Animal observation with worksheet



## ***Climate Change***

(Grades 6-12)

What factors cause climate change to occur? What impact have humans on our environment? Learn the ecological mechanisms that shape climate change from the greenhouse gas effect to positive feedback loops in warming seas. Examine the various consequences of climate change on the ecosystem and human health.

**Activity:** Measuring carbon sequestration in trees or biodiversity survey of flora



## ***Endangered Species***

(Grades 6-12)

Around the world, many plants and animals are on the brink of extinction. Focusing on local threatened species, learn about the causes of past mass extinctions and how human activities are associated with extinction now, and how scientists and governments have responded to the plight of threatened species.

**Activities:** Animal observation worksheet and environmental observation worksheet



## ***Forest Ecology***

(Grades 6-12)

Experience the eastern deciduous forest right here in Queens. Explore the layers of a forest and energy transfer of its inhabitants. Learn about the anatomy of a tree and the functions of its parts.

**Activities:** Ecosystem observation worksheet and tree ID with dichotomous keys

## ***Pond Ecology***

(Grades 6-12)

Learn about the physical components, trophic relationships, energy flows, and chemical cycling of nutrients found in the pond ecosystem.

**Activities:** Ecosystem observation worksheet and water quality testing\*



## ***Wetland Ecology***

(Grades 6-12)

Explore the saltwater marsh and freshwater bodies to compare water characteristics, flora, and fauna. Students will learn about the diversity of organisms that inhabit these ecologically threatened areas and the importance of these ecosystems on a local and global scale.

**Activities:** Ecosystem observation worksheet and water quality testing\*

