

# BNL Engineering Exciting Experiments

July 26-28

Children will explore the world of scientific research with help from the **Brookhaven National Lab (BNL)** Science Learning Center. Each day students will focus on the theme: **“Engineering and Energy: Building Something Big and Small”**




Date & Time	Workshop
Tuesday, July 26 9am-1pm	<b>The Science of Engineering</b> Think BIG <b>Field Trip: BNL Science Learning Center</b> With a combination of your imagination and science we will be creating experiments that incorporate energy and power with BNL educators.
Wednesday, July 27 9am-1pm	<b>The Science of Engineering</b> Think SMALL <b>Field Trip: BNL Science Learning Center</b> Our children will explore the science of engineering and energy by creating experiments with the BNL educators.
Thursday, July 28 9am-1pm	<b>The Environment</b> <b>Field Trip: BNL Science Learning Center</b> The children will observe animals in their natural habitat while creating a field journal.

JULY 2011

Mon	Tue	Wed	Thu	Fri
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4	5	6	7	8
11	12 <b>Animal Life</b> <b>10-2 Presentation</b>	13 <b>Holtsville Ecology</b> <b>10-2 Center Trip</b>	14 <b>DEC-Bats and</b> <b>10-2 Birds of Prey</b>	15 <b>William Floyd</b> <b>12-2 Estate Field Trip</b>
18	19 <b>Marine Life</b> <b>10-2 Presentation</b> <b>with the DEC and IFISHNY</b>	20 <b>Treasure Chest</b> <b>10-2 w/Rangers</b>	21 <b>Smith's Point Trip</b> <b>10-2 w/Rangers</b>	22 <b>Fire Island</b> <b>9:30-2:30 Lighthouse</b>
25	26 <b>9-1 BNL</b>	27 <b>9-1 BNL</b>	28 <b>9-1 BNL</b>	29

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Elementary Summer Enrichment 2011

▶ **William Floyd School District is pleased to offer a New Summer Enrichment Program to elementary school students entering grades 3-5.**



**All programs will begin their day at William Floyd Elementary**

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**William Floyd School District**



## Registration Form

Please complete and return this form by **June 15, 2011**. Also include the total registration fee of \$225 (NO REFUNDS) made payable to:  
 William Floyd School District  
(check or money order only)

Send to:  
**William Floyd School District**  
**(Summer Enrichment Program)**  
 240 Mastic Beach Road, Mastic Beach, NY 11951  
**Attention: Kevin Coster**

For more information:  
**631-874-1132**  
 Visit us at [www.wfsd.k12.ny.us](http://www.wfsd.k12.ny.us)  
 The program will only run if there are 50 students registered.

Child's Name: \_\_\_\_\_

Grade Entering: \_\_\_\_\_

School Name: \_\_\_\_\_

Parent/Guardian's Name: \_\_\_\_\_

Home Phone #: \_\_\_\_\_

Home Address: \_\_\_\_\_

Cell Phone #: \_\_\_\_\_

Emergency Contact: \_\_\_\_\_

Emergency Contact #: \_\_\_\_\_

Please register my child for the 3 week Summer Enrichment Program:

**A maximum of 50 students are eligible for this program. Students will be selected on a first come, first served basis. Please send lunch/snack with your children everyday.**

## Animal Adventure

July 12-15

**Holtsville Ecology Site July 13**

**William Floyd Estate July 15**

Swing into an animal adventure with us. Our children will get to experience behind the scene tours of the Holtsville Ecology Center and participate in an interactive presentation by the DEC about Long Island Bats. They will soar with the birds of prey: owls, hawks and falcons, create crafts, conduct research, and explore different animals' habitats. They'll have a "roaring" good time!

Date & Time	Workshop
Tuesday, July 12 10am-2pm	<b>Holtsville Presents</b> Students will get to have hands-on learning experiences with animals and various types of plants. There will also be stories and crafts.
Wednesday, July 13 10am-2pm	<b>Field Trip: Holtsville Ecology Site Behind the Scene Tour</b> There will be a guided tour through the green house, recycling center, and the animal facilities. Lunch will be outside. The children will have time to gallop through the playground and track.
Thursday, July 14 10am-2pm	<b>Soar with the DEC and Birds of Prey</b> The DEC will give an interactive presentation on LI Bats. After lunch, there will be a presentation by Bob Horvath about Birds of Prey with owls, falcons, and hawks.
Friday, July 15 12pm-2pm	<b>William Floyd Estate Field Trip</b> During a guided house tour, students will get a glimpse into the lives of eight generations of Floyd family members.

## The Treasures of the Sea

July 19-22

**Smith Point Ocean July 21**

**Fire Island Lighthouse July 22**

Get hooked into learning about our local marine life!!! In our "school" you'll be exploring marine life with various activities and interactive presentations from the DEC, and our Fire Island Rangers. Our children will explore the beaches, listen to seaside stories, illustrate fantastic sea creatures, conduct research, utilize technology, and visit the Fire Island Lighthouse. They will come home with a "sea of knowledge."

Date & Time	Workshop
Tuesday, July 19 10am-2pm	<b>Dive in with the DEC to an Aqua Adventure</b> The children will have an "aqua wild" adventure. They will participate in an interactive presentation by the DEC and illustrate sea creatures.
Wednesday, July 20 10am-2pm	<b>Treasure Chest</b> There will be a one hour interactive presentation with the Rangers' Treasure Chest. There will also be seaside stories and a craft with Ranger Justine.
Thursday, July 21 10am-2pm	<b>Field Trip: Smith Point Beach</b> A Junior Ranger program will be presented by the Rangers. After lunch there will be sand combing with the Rangers. **bring a blanket and lunch.
Friday, July 22 9:30am-2:30pm	<b>Fire Island Lighthouse Robert Moses State Park</b> The tour offers a wonderful opportunity for students to have fun while learning about this historic light house. There will be seining with Ranger Amanda. **bring blanket and lunch for a picnic.