

Sea Lab

*Marine Science Education Center
New Bedford Public Schools*

2011 Summer Application Packet

*71 Portland Street
New Bedford, Massachusetts*

Sea Lab Program Overview

The Sea Lab is located at 71 Portland Street, the former Poor Farm site, New Bedford, MA. This educational installation was established in 1968 by the New Bedford Public School System which operates the Lab as a six week summer school for students who are interested in learning about marine science. Sea Lab operations are largely self-supporting from the tuition received from the 220 students who participate on an annual basis. At this time, Sea Lab accepts students on a competitive basis from Grades 4 through 9.

While at Sea Lab, students study principles of oceanography, physics, limnology, meteorology, chemistry, geology, history, and biology related to the marine and aquatic environments. Practical outdoor skills, such as swimming and sailing, are also an integral part of the Sea Lab Program. In addition, students participate in hands-on experiences through field studies conducted along the Massachusetts and Rhode Island coastlines. Also, in collaboration with and through the assistance of the Sea Grant College Program, and neighboring universities, Sea Lab students have had the opportunity to participate in on-going professional scientific research.

The teaching materials selected by the instructors for presentation at the different grade levels illustrate a balance between the introduction of basic scientific concepts and the discussion of observable phenomena. The curriculum, moreover, is designed to be progressive and cumulative from the fourth grade through the ninth grade.

Each student must maintain an acceptable level of performance. The competition is keen and it is expected that each student work to the best of his or her ability. Students who successfully complete their studies have the privilege of returning each ensuing summer.

Course of Study

Grade Four – Level 1

Scientific Method
Water and Its Properties
Introduction to Meteorology
Introduction to Global Tectonics
Nautical Knowledge
Introduction to Microscopy
Certified Learn to Swim Program
Safety

Grade Six – Level 3

Meteorology
Fundamentals of Ecology
Marine Biology
MA Environmental Police "Boating Basics" Course
Introduction to Sailing
Marlinespike Seamanship
Nationally Certified Learn to Swim Program
Independent Study
Safety

Grade Five – Level 2

Meteorology
History of Oceanography
Physical Oceanography
Oceanographic Tools and Instruments
Marine Geology
Land Formations
Certified Learn to Swim Program
Safety

Grade Seven – Level 4

Meteorology
The Coastal Ocean
Marine Geology
Geologic Time and Earth History
Volcanoes
Microscopy
Marine Biology
Dissection of Marine Specimens
Marine Chemistry
Snorkeling Instruction
Safety

Grade Eight – Level 5

Meteorology
Natural Marine Environments
Advanced Marine Biology
Dissection of Marine Animals
Fisheries Resources
Introduction to Biochemistry
Study
Snorkeling Instruction
Field Studies
Safety

Grade Nine – Level Six

Meteorology
Properties of Water
Physical Oceanography
Chemical Oceanography
Data Gathering - Presentation
Snorkeling Instruction Independent
Field Studies
Independent Study
Safety

Sea Lab Program Information

Sea Lab is now accepting 2011 Summer Sea Lab applications for a limited number of openings for students currently in Grades 4, 5, 6, 7, 8, 9

2011 Summer Sea Lab Timetable for Applicants

April	25	Application Forms sent to the schools
May	6	Application deadline
May	9, 10, 11, 12, 14	Interviews for new students
May	13	Science Screening Test
June	3	Letters of Acceptance/Waiting List/Non-Acceptance sent to students Registration Forms sent to Accepted Students
June	10	Registration deadline for Accepted students
June	20	Tuition fee deadline for Accepted students
June	24	Final Class List

In the event a student withdraws from the Program or fails to pay tuition, applicants from the Waiting List will have from **June 21, 2011 to June 24, 2011** to register.

Class Lists will be revised on **June 21, 2011**.

Classes will begin on **Monday, July 11, 2011** and end on **Friday, August 19, 2011**.

Tuition: **Resident: \$330.00** **Non-Resident: \$425.00**

Sea Lab Program Information

PLEASE READ CAREFULLY AND RETAIN PACKET FOR YOUR INFORMATION

1. **DATES:**

Monday, July 11, 2011 through Friday, August 19, 2011

8:30 AM to 11:30 AM

Field Trips, on occasion, may take the entire day.

2. **LOCATION:**

**Sea Lab
Marine Science Education Center,
71 Portland Street
New Bedford, Massachusetts 02744
508-997-4511 Ext 2550, 2552
FAX 508-984-5660**

3. **TRANSPORTATION:**

Two busses will be available for student transport to and from the Sea Lab campus. The bus route begins at the extreme North End of New Bedford (Sassaquin) and continues to the Sea Lab Campus at 71 Portland Street. Buses follow a prescribed route.

4. **TUITION:**

New Bedford residents	\$330.00 for the six-week period
Tuition for Non-residents	\$425.00 for the six-week period

Field Trips are usually an additional expense.

There are three scholarship applications available for Sea Lab students:

- **The Lewis Temple Scholarship – available at your school’s Office – contact Diann Haynes at 508 - 997- 9571 for Lewis Temple Scholarship information**
- **The Ladies Branch of the New Bedford Port Society Scholarship – Available at your school’s Office – contact lbnbportsociety@yahoo.com for information**
- **The New Bedford Day Nursery Foundation – Available at your school’s Office – contact Sea Lab for NBDN Foundation Scholarship information**

Application Process

1. Application Form, completed by parent and teacher, due by Friday, May 6, 2011 to:

Sea Lab
Marine Science Education Center
71 Portland Street
New Bedford, MA 02744

2. Interviews held at SEA LAB:

The parent/guardian must call 508-997-4511 Ext 2550, Sea Lab, to schedule an interview.

Sea Lab will not call you for an interview – the parent/guardian must call Sea Lab to schedule an interview for their applicant:

Monday through Thursday	May 9, 10, 11, 12
Saturday	May 14, 2011

THESE ARE THE ONLY DATES AVAILABLE FOR INTERVIEWS.

Interview Times AT SEA LAB:

Monday – Thursday	3:00 PM – 5:00 PM
Saturday	9:00 PM – 12:00 PM

3. Science Screening Test All Applicants must take the test at SEA LAB. Transportation to the test site is not provided.

Where: Sea Lab
When: Friday, May 13, 2011
Test begins at 2:30 PM and ends at 4:00 PM
Who: ALL APPLICANTS must be at Sea Lab at 2:20 PM

Test begins exactly at 2:30 PM and ends at 4:00 PM
NO LATE APPLICANTS WILL BE ADMITTED TO THE TESTING.

4. Students are accepted on a competitive basis. If you do not have the following information completed, your child will not be considered for acceptance into the Sea Lab Program.

Acceptance will be based on:

- Completed Student Application
- Conduct
- Interview
- Science Screening Test
- Essay Writing at time of Science Screening Test
- Mandatory participation in "ocean-site" Activities

New Bedford residents will be given priority over non-residents.

6. **Student Notification and /or Acceptance**

When: June 3, 2011 by Mail

A Registration Form will be mailed along with the Acceptance Letter.

Students who are not accepted into the Sea Lab Program will also be notified by **June 3, 2011**. An explanation will be included. Applications are not cumulative and students must re-apply for Sea Lab admittance, if interested, the following year.

Waiting List

Students who qualify for the Sea Lab Program but have not been accepted are placed on a Waiting List for the current summer session. If there should be a vacancy, students from the Waiting List are contacted for admittance.

Application criteria must be completed by the prescribed time line and is the sole responsibility of the applicant.

TO BE ACCEPTED, YOU MUST DO THE FOLLOWING:

1. **Submit to Sea Lab a completed APPLICATION FORM**
2. **CALL 508-997-4511 Ext 2550 for an INTERVIEW TIME AND DATE– WE DO NOT CALL YOU**
3. **COME TO SEA LAB ON FRIDAY, MAY 13, 2011 FOR A SCIENCE SCREENING TEST – BE ON TIME – 2:20 PM – WE DO NOT ADMIT ANY APPLICANT FOR TESTING AFTER 2:30 PM**

Sea Lab Application Form

Return Sea Lab Application Form to:

Sea Lab
 Marine Science Education Center
 71 Portland Street
 New Bedford, MA 02744 508 - 997- 4511 Ext 2550, 2552

Sea Lab is now accepting 2009 Summer Sea Lab applications for a limited number of openings for students who are currently in Grades 4, 5, 6, 7, 8, and 9.

This section is to be completed and signed by your parent/guardian.

Student Name: _____

Student Address: _____

School: _____ Grade: _____

Home Telephone: _____ Cell: _____

Parent Signature: _____

There are three scholarship applications available for Sea Lab students:

- The Lewis Temple Scholarship – available at your school’s Office – contact Diann Haynes at 508 - 997- 9571 for Lewis Temple Scholarship information
- The Ladies Branch of the New Bedford Port Society Scholarship – Available at your school’s Office – contact lbnbportsociety@yahoo.com for information
- The New Bedford Day Nursery Foundation – Available at your school’s Office – contact Sea Lab for NBDN Foundation Scholarship information

Record Report Card Grades for Each Semester of the 2010 - 2011 Academic Year or attach a copy of the 2010-2011 Report Card

Subject	Semester 1	Semester 2	Semester 3
Reading			
Language (4-6)			
English (7-9)			
Mathematics			
Science			
Social Studies			
Conduct			
Days Absent			

Why do you recommend this student for the Sea Lab Program? (Continue on back)

Teacher/Guidance Counselor Signature: _____

