Sea Lab

***Marine Science Education Center***

***New Bedford Public Schools***

**2024 Summer Application Packet**

 ***71 Portland Street***

 ***New Bedford, Massachusetts***

**PHONE 508-997-4511 Extension 58501**

 **FAX 508-984-5660**

**NEW BEDFORD SCHOOL ADMINISTRATION**

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Superintendent

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Executive Director of Educational Access and Pathways

**SEA LAB PROGRAM OVERVIEW**

Sea Lab, Marine Science Education Center, is located at 71 Portland Street, New Bedford, Massachusetts. This educational installation was established in 1968 by the New Bedford Public School System, which operates the Lab on a year round basis. Coupled with the academic year program, Sea Lab offers a six-week summer school for students who are interested in studying the marine sciences. Sea Lab summer session is self-supporting through student tuition.

At this time, Sea Lab is accepting Applications from students, grades 3 through 9. Acceptance into the summer program is on a competitive basis.

While at Sea Lab, students study principles of oceanography, physics, limnology, meteorology, chemistry, geology, history, and biology as related to the marine and aquatic environments. Practical outdoor skills, such as swimming sailing and crew, are also an integral part of the Sea Lab Program. Additionally, students participate in hands-on experiences through field studies conducted along the Massachusetts and Rhode Island coastlines. Sea Lab students also have the opportunity to participate in on-going professional scientific research with oceanographers and research scientists from national and international academic institutions.

The teaching materials developed for presentation at the different grade levels illustrate a balance between basic scientific concepts and their application to observable phenomena. The curriculum is designed to be progressive and cumulative from the third grade through the ninth grade.

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

Participation in marine related activities such as swimming, snorkeling, and boating is mandatory.

**Course of Study**

 **Grade 3 - Level 1**

Scientific Method

 Meteorology

 Earth and Space Science

 Life Science

 Physical Science

 Design, Engineering & Technology

 Submarines

 Swim Instruction Program

 Laboratory Safety

**Grade Four – Level 2 Grade Five – Level 3**

Scientific Method Meteorology

Chemistry -Water and Its Properties History of Oceanography

Introduction to Meteorology and Weather Instruments Physical Oceanography

Introduction to Global Tectonics Volcanology

Introduction to Geology Herpetology

Seismology Evolution of Tiktaalic

Bottle Botany Study of Axolotis “walking-fish”

Microscopy Cetology

Nautical Knowledge Adopt a Shark

Swim Instruction Marine Geology/Land Formations

Laboratory Safety Swim Instruction

 Laboratory Safety

**Grade Six – Level 4 Grade Seven – Level 5**

Meteorology – Doppler Radar Meteorology – Hurricane Study

Environmental Science Marine Chemistry

Marine Biology Marine Geology

MA Environmental Police “Boating Basics” Course Earth History

Introduction to Sailing Volcanology

Marlinespike Seamanship Microscopy

Certified Learn to Swim Program Marine Biology

Independent Study Dissection of Marine Specimens

Sailing Instruction Snorkeling Instruction

Laboratory Safety Laboratory Safety

# Grade Eight – Level 6 Grade Nine – Level 7

Robotics – Sea Perch Environmental Science -NOAA

Ichthyology Robotics – Bristle-bot, First Tech Challenge

Advanced Marine Biology Physical Oceanography

Dissection of Marine Animals Chemical Oceanography

Fisheries Resources Data Gathering - Presentation

Introduction to Biochemistry Design, Engineering and Technology

Buzzards Bay Watershed Field Experience and Independent Studies

Snorkeling Instruction Crew Instruction

Design, Engineering, and Technology Piracy and its Cultural Connotations

Laboratory Safety Laboratory Safety

**2024 SEA LAB PROGRAM INFORMATION - 2024 APPLICANTS TIMETABLE - FIRST TIME STUDENTS**

**Sea Lab is now accepting Summer Sea Lab applications from students currently in**

**Grades 3, 4, 5, 6, 7, 8, 9**

March 1 Application Form and Registration Form revisions

March 4 - 8 Xeroxing, assembling Application/Registration Forms

March 15 Application Forms sent to New Bedford public, parochial, private schools

 April 8 **SEA LAB APPLICATION FORM DEADLINE** for applicants - new students

* + - * LEWIS TEMPLE SCHOLARSHIP FORM DUE
			* COMMUNITY DEVELOPMENT SCHOLARSHIP FORM DUE
			* MA ENV SCHOLARSHIP FORM DUE

April 22,23,25, 27 **INTERVIEWS FOR APPLICANTS** – **NEW STUDENTS**

* + - * Monday, Tuesday, Thursday Sea Lab 3:00 PM – 5:00 PM
			* Saturday, April 27, 2024 Sea Lab 9:00 AM – 12 Noon

 **Call 508-9974511 EXT 58501 to Schedule an Interview Appointment**

 April 26 **SCIENCE SCREENING TEST** for NEW STUDENTS

 FRIDAY, 4-26-24 SEA LAB 3:00-4:30 PM

May 17 Acceptance Letters, Registration Forms sent to new students

May 31 Registration deadline for new students

June 7 Scholarship RECIPIENT notification for NEW STUDENTS

June 21 Tuition fee deadline for new students

June 24 Generate 2024 Class Lists

In the event a student withdraws from the Program or fails to pay tuition, applicants from the Waiting List will have from **June 17, 2024 to June 21, 2024** to register.

Class Lists will be finalized on **June 24, 2024.**

Classes begin and students report on **Monday, July 1, 2024, Tuesday. – July 2, 2024 and Wednesday, Jul 3 2024** through **Friday, August 9, 2024, from 8:30 AM through 11:30 AM.**

Teachers are present **June 27 & 28, 2024** (9 hours), **through** **August 9-12, 2024**, (9 hours)

Sea Lab will be closed on **July 4 and July 5, 2024**.

**Tuition**: **Resident: $400.00 Non-Resident: $500.00**

**Open House Thursday: August 8, 2024: 6:00 PM 7:00 PM**

**Commencement Exercises: Friday: August 9, 2024: 9:00 AM – 11:30 AM**

**SEA LAB PROGRAM INFORMATION**

**Sea Lab is now accepting Summer Sea Lab APPLICATIONS from students currently in**

**Grades 3, 4, 5, 6, 7, 8, 9**

1. **SUMMER SESSION DATES**

Sea Lab begins on **MONDAY, JULY 1, 2024** and commences on **FRIDAY, AUGUST 9, 2024**. Classes are in session from **8:30 AM to 11:30 AM**. Field Trips may return to Sea Lab after 11:30. Parents will be notified of field trip return time.

2. **TRANSPORTATION**

**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 and continues to the Sea Lab Campus at 71 Portland Street. Buses follow a prescribed route.

**3. TUITION: NO PERSONAL CHECKS**

New Bedford Residents **$400.00 for the six-week period**

Tuition for Non-residents **$500.00 for the six-week period**

 Field Trips **ADDITIONAL EXPENSE**

**4. SCHOLARSHIPS:** There are **SCHOLARSHIP APPLICATIONS** available for Sea Lab student applicants.

The Scholarship Forms are available at **ALL NEW BEDFORD PUBLIC ELEMENTARY SCHOOLS** and at Sea Lab’s Main Office, 71 Portland Street, New Bedford, MA 02744

TO BE ACCEPTED, YOU MUST DO THE FOLLOWING

1. Submit to Sea Lab a completed APPLICATION FORM by April 8, 2024.

1. CALL 508-997-4511 Ext 58501 for an INTERVIEW TIME AND DATE to be held at SEA LAB - WE DO NOT CALL YOU

INTERVIEWS ARE HELD AT THE SEA LAB SITE:

* APRIL 22, 23, 25 FROM 3:00 PM TO 5:00 PM
* APRIL 27 FROM 9:00 AM TO 12:00 NOON
1. PARTICIPATE IN A SCIENCE SCREENING TEST AT SEA LAB ON APRIL 26, 2024 BE ON TIME – 3:00 PM
2. Acceptance will be based on:
* **Completed Student Application**
* **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.**

**5**. **STUDENT NOTIFICATION** and/or **ACCEPTANCE**

***IF THE STUDENT IS ACCEPTED FOR FY’24 SUMMER SEA LAB SESSION YOU WILL RECEIVE THE FOLLOWNG ON MAY 17, 2024:***

* **AN ACCEPTANCE LETTER**
* **A FIRST YEAR STUDENT REGISTRATION FORM**
* **EMERGENCY FORM**
* **HEALTH FORM**

**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 timeline and is the sole responsibility of the applicant.

# SEA LAB APPLICATION FORM- THIS FORM, PAGE 8, MUST BE RETURNED TO SEA LAB BY 4-01-24

**Sea Lab is accepting applications from students who are currently in Grades 3, 4, 5, 6, 7, 8, and 9 for the 2024 Sea Lab Summer Session.**

**Return this Sea Lab Application Form (PAGE 8) by FRIDAY, APRIL 8, 2024 to:**

**Sea Lab**

**Marine Science Education Center**

**71 Portland Street**

**New Bedford. MA 02744**

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

##### Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Student Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Home Telephone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Scholarship applications are available for Sea Lab students at your school or at Sea Lab**

Attach a copy of the 2023-2024 Report Card to this Application

##### Why do you recommend this student for the Sea Lab Program? (To be completed by your teacher, principal, or counselor.)

**Teacher/Principal/Counselor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

In order to be considered for the 2024 summer Sea Lab session, you must:

**1. YOU MUST COMPLETE PAGE 8 OF THIS APPLICATION**

**2. RETURN PAGE 8 TO SEA LAB BY 4-01-24**

**3. CALL SEA LAB, 508-997-4511 EXT 58501, FOR AN INTERVIEW, WHICH BE HELD AT SEA LAB**

**4. ATTEND THE SCIENCE ASSESSMENT TEST AT SEA LAB ON**

**FRIDAY, 4-26-22 AT 3:00 PM – 4:30 PM**