



Offered by the  
North Carolina Maritime Museum  
Joseph Schwarzer, Director  
John Hair, Education Curator



Made possible in part by the  
North Carolina Coastal Reserve  
(www.nccoastalreserve.net)

**PROGRAM HISTORY** The Summer Science School for children was formed in 1958 by interested parents and scientists as “an educational summer activity for all children regardless of ability or neighborhood location.” Faculty spouses for the UNC Institute of Marine Sciences and Duke University Marine Lab designed and operated the program. In 1980 the Museum assumed administration of Summer Science School. For over 50 years, the program has taught children the wonders of the maritime environment.

Summer Science School is part of a wide range of educational programs offered by the NC Maritime Museum in Beaufort year-round. For public programs, special family events, and information on Museum membership, please contact the Museum.

**SCHOLARSHIPS** A limited number of scholarships are available. Contact the Education Curator for an application.

**Additional Cooperating Businesses and Institutions:**

- Beaufort Historical Association
- Cape Lookout National Seashore
- CMAST – Center for Marine Sciences and Technology
- Homer Smith Seafood
- Island Ferry Adventures
- NC State Parks
- NOAA Center for Coastal Fisheries and Habitat Research
- North Carolina State Ports Authority
- Moran Tug Morehead City
- UNC Chapel Hill – Institute of Marine Sciences



The North Carolina Maritime Museum in Beaufort is part of the North Carolina Department of Natural and Cultural Resources, Susan Kluttz, Secretary.

Accredited by the  
American Alliance of Museums



**MISSION STATEMENT** We offer students the opportunity to learn about the natural and maritime history of coastal North Carolina through creative, hands-on experiences..

- Courses are offered from June–early August
- Emphasis on small class size
- Students travel with instructors by van or boat to field sites
- Only registered children may attend classes
- Lodging facilities are not available; parents/guardians provide transportation to/from class daily.

**REGISTRATION** Students are accepted on a first-come, first-served basis. Enrollment begins Feb. 15, 2016. Select the course(s) from this brochure. Fees must be included with the application form in order to complete enrollment. You may request information by e-mail, but registration is only accepted by U.S. mail, hand delivery or fax (if paying by credit card) to the address below:

Summer Science School  
North Carolina Maritime Museum  
315 Front Street  
Beaufort, NC 28516 – 2124  
Telephone: 252-728-7317 Fax: 252-728-2108  
E-mail: francoise.boardman@ncdcr.gov  
Web: www.ncmaritimemuseums.com

A schedule with details about class meeting and field sites, equipment and supply needs, and a permission slip/photo release are sent to each registered student at least two weeks prior to class. All participants must return a signed permission slip/photo release.

Health or special needs issues must be discussed with the Museum staff at least two weeks prior to the start of class.

The Museum reserves the right to cancel any class that does not meet the minimum participation requirement up to one week before the class is scheduled. In the event of cancellation due to low enrollment, participants who have submitted a fee will receive a full refund.

**WEATHER POLICY** The Museum acknowledges that many Summer Science School courses include outdoor experiences. In the event a class anticipates severe weather, outdoor classes may be replaced with indoor classes at the discretion of the instructor. Summer Science School classes will not be cancelled unless the Museum facility itself is closed.

*Friends of the Museum members  
receive a 10% discount on all classes*



# Summer 2016 Science School



NORTH CAROLINA  
MARITIME  
MUSEUMS  
BEAUFORT

315 Front Street  
Beaufort, NC 28516  
www.ncmaritimemuseums.com

## ENTERING PRESCHOOL:



Preschool Story Time and Crafts  
(no cost, registration required)  
Wednesday, June 8, 9–10 a.m.  
Wednesday, July 6, 9–10 a.m.  
Wednesday, August 3, 9–10 a.m.

## ENTERING GRADES 1 & 2:

Pirates (\$50)  
Tuesday & Wednesday, June 21–22, 9 a.m.–noon  
Tuesday & Wednesday, July 5–6, 9 a.m.–noon  
Tuesday & Wednesday, July 19–20, 9 a.m.–noon



Seashore Life 1 (\$50)  
Monday & Tuesday, June 13–14, 9 a.m.–noon  
Wednesday & Thursday, June 29–30, 9 a.m.–noon  
Thursday & Friday, July 28–29, 9 a.m.–noon

## ENTERING GRADES 3 & 4:

Boats & Models (\$95)  
Monday–Wednesday, June 13–15, 9 a.m.–noon (trawler)  
Monday–Wednesday, July 18–20, 9 a.m.–noon (tug)

Fish & Fishing (\$65)  
Thursday & Friday, July 7–8, 9 a.m.–noon  
Thursday & Friday, July 21–22, 9 a.m.–noon

## ENTERING GRADES 5 & 6:

Science of Surfboards (\$85)  
Monday & Tuesday, August 1–2, 9 a.m.–noon



Seashore Life 2 (\$50)  
Wednesday–Friday, June 15–17, 9 a.m.–noon  
Monday–Wednesday, July 11–13, 9 a.m.–noon  
Wednesday–Friday, August 10–12, 9 a.m.–noon

## ENTERING GRADES 7–10:

Maritime Myths: Kraken, Mermaid and Leviathan (\$85)  
Tuesday–Thursday, July 19–21, 9 a.m.–1 p.m.

Coastal Conservation Fellows (\$75)  
Monday–Wednesday, July 25–27, 9 a.m.–2 p.m.

Maritime Myths: Pirates, Ghost Ships and Hauntings (\$85)  
Tuesday–Thursday, August 2–4, 9 a.m.–1 p.m.

## BOATS & MODELS

Build a model of a fishing boat (tug or trawler) at the Museum's Watercraft Center. Use Museum exhibits and field trips to learn about coastal waterways, local boats and the skills needed to work on and around the water.

## COASTAL CONSERVATION FELLOWS



This class examines environmental conservation issues relevant to our region such as marine debris and protected species. Through field observations and data gathering at local nature preserves, students will learn how scientists and natural resource managers deal with conservation challenges.

## FISH & FISHING

An introduction to coastal fish and fishing methods. Cane poles, bait, and tackle are provided for dock fishing for this 2-day class. Students also use nets to catch and identify marine life in near shore waters.

## MARITIME MYTHS: KRAKEN, MERMAID AND LEVIATHAN

Throughout history there have been sightings of strange creatures in the waters off North Carolina. Students will work together to investigate sightings of sea monsters from the Crystal Coast and around the world. After consulting with local maritime experts, visiting significant sites and dissecting a creature once called a sea monster, students will decide for themselves if sea monsters are real.

## MARITIME MYTHS: PIRATES, GHOST SHIPS AND HAUNTINGS

Together we will investigate legends like the infamous Blackbeard and his ship *Queen Anne's Revenge*, the Burning Ship of Ocracoke, and ghostly sightings around historic sites like Fort Macon. After meeting with local experts, and hearing first hand encounters the students will be asked to come to their own conclusions regarding the legitimacy of these legends, sightings, and hauntings.

## PIRATES!

Become part of a pirate crew on this 2-day class and choose how best to prepare for work, ready for battle and divide any prizes that come your way.

## PRESCHOOL STORY TIME & CRAFTS



Includes a story, estuarine critter observation and a related craft. Free admission. Entering preschool. Advance registration required.

## SCIENCE OF SURFBOARDS

Students will use Museum exhibits and field trips to learn how surfboards have evolved down through the years, from heavy wooden boards weighing in excess of 150 pounds to today's state of the art boards made of modern polymers weighing less than 10 pounds. They will also learn about various methods used to fabricate surfboards.

## SEASHORE LIFE 1



Investigate coastal marine life of the tidal flats, salt marshes and sounds on local islands on this 2-day class. Field-based classes include ferry ride, barrier island hiking and animal identification.

## SEASHORE LIFE 2



Investigate estuarine habitats, plants and animals through field and lab studies. This 3-day course includes a field trip to the Rachel Carson National Estuarine Research Reserve, water quality testing, using microscopes for plankton identification and many more activities.

One form per student please.

Detach and send or deliver application form with the course fee to:

Summer Science School  
North Carolina Maritime Museum  
315 Front Street  
Beaufort, NC 28516 – 2124

Make checks payable to the NC Maritime Museum. Cancellation policy: Registration costs, less a 10% fee, are refunded when the Museum receives cancellation notice at least two weeks before the start of a program. There is no refund within two weeks of the start of a program.

Student (has) (has no) medical or special needs. If so, these will be discussed with the Museum staff at least two weeks prior to the start of class.

Student's name: \_\_\_\_\_  
first middle last

Age: \_\_\_\_\_ Grade entering in fall: \_\_\_\_\_

1st choice of class and date: \_\_\_\_\_

2nd choice of class and date: \_\_\_\_\_

The fee of \_\_\_\_\_ is enclosed. *Members include 10% discount.*

Student's present mailing address: \_\_\_\_\_

Street/P.O. Box \_\_\_\_\_

City State Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ E-mail \_\_\_\_\_

Name of parent or guardian \_\_\_\_\_

*If your mailing address will be different two weeks prior to and/or during the class, please indicate:*

C/O \_\_\_\_\_ Effective dates \_\_\_\_\_

Street/P.O. Box \_\_\_\_\_

City State Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ E-mail \_\_\_\_\_

### Payment enclosed:

The fee of \_\_\_\_\_ is enclosed.  
 Check  Visa  Master Card

\_\_\_\_\_  
Visa/Master Card Number

\_\_\_\_\_  
Expiration Date CVV Code

\_\_\_\_\_  
Signature

