Since 1985, the Coastal Discovery Museum has offered educational and interactive programs to regional schools and youth-related organizations. These programs are aligned to many of South Carolina’s Curriculum Standards and engage students in hands-on, experiential learning. Educational programs are offered at our Honey Horn campus, at several off-site locations, or in your classroom. Children participating in a Coastal Discovery Museum program will have the opportunity to make meaningful connections between the natural history and cultural heritage of the Lowcountry.

For additional information about field trips/programs for school groups please contact:

Dawn Brut, Curator of Education  
dbrut@coastaldiscovery.org  
(843) 689-6767 x 228

Coastal Discovery Museum  
70 Honey Horn Drive  
Hilton Head Island, SC 29926

The Coastal Discovery Museum at Honey Horn is located near the intersection of Gumtree Road and BUS 278. Please follow the Honey Horn

www.coastaldiscovery.org
History Experiences

Native Americans on Hilton Head – Image what coastal life was like thousands of years ago. Use artifacts, drawings, and replicas, to learn about who lived here and how they survived. Students will examine Native American pottery and create replica pinch pots using clay. 2020 Social Study Standards: K.H.2, K.H.3, K.E.1, 1.H.3, 2.H.3, 3.2.2.ER, 3.2.3.ER

Cooperation and Conflict: Native Americans and Europeans in Port Royal Sound
Explore the interactions the Native Americans in the Port Royal Sound area had with the Europeans who came to settle there. Discover how trade between the two groups led to cooperation and then became a source of conflict. Students will make (and use) a red dye from dried cochineal bugs which the Native Americans traded to the Europeans for iron tools and other goods. (3rd grade and up). 2020 Social Study Standards: 3.2.ER, 3.4.HS, 3.5.HS, 4.1.CO, 4.1.CX, 6.3.CO, 6.3.CE, 6.3.CX, 8.1.CC

Life in Colonial Times – Life was different for people in colonial South Carolina than it is today, but in some ways it was very much the same. Students will compare and contrast life then and now by looking at pictures and examining reproduction artifacts. They will have a chance to play 18th century games and make an authentic 18th century headache sack. (Grades K-3). 2020 Social Study Standards: 3.4.PR, 3.4.AG, 4.1.P

Medicine in Colonial Times – What was health care like for people in colonial South Carolina? Students will learn how people in the past dealt with sickness and disease through a presentation and by examining reproduction artifacts. They will then analyze the treatment given to George Washington during his final illness. (4th grade and up). 2020 Social Study Standards: 4.1.E, 4.2.E

Living History with Captain William Hilton – Meet Captain William Hilton and hear about how and why his exploration of the Carolina coast in 1663 lead to an island being named after him. Learn about life aboard his 17th century sailing ship, examine important navigation tools like a chip log (used to determine speed) and a lead line (used to determine water depth), and practice some useful sailors knots. Take your rope home and practice tying knot for your own adventures! (3rd grade and up). 2020 Social Study Standards: 3.1.AG, 3.2.ER, 3.4.HS, 3.5.HS, 4.1.CO, 4.1.CE, 4.1.CX, 6.3.P, 8.1.CO, 8.1.P

16th Century Explorations & Settlements in the Southeast - Learn about eight different 16th century Spanish and French explorers and their settlement attempts in the Southeastern US. Match information about each explorer with their settlement through informational cards, maps, and reproduction artifacts. Students will make a piece of rope from palm fronds to take with them just like the ones Natives Americans made for the French. (4th grade and up). 2020 S.S. Standards: 3.2 ER, 3.4 HS, 3.5 HS, 3.5 AG, 4.1 CO, 4.1 CX, 6.3, CO, 6.3 CE, 6.3 CX, 6.3 E, 8.1 CC

Indigo Tie-Dye - Investigate the historical importance of indigo with a costumed presenter and learn how and why this plant became a valuable cash crop in South Carolina during the 1700’s. Students will tie-dye a t-shirt with indigo dye as they explore historic process of making indigo dye from the indigo plant. Students provide one white t-shirt. (2nd grade and up). 2020 Social Study Standards: 3.2.ER, 3.4.HS, 3.5.HS, 4.1.CO, 4.1.CE, 4.1.CC, 4.1.E, 6.3.CE, 8.1.CE, 8.1.P

Civil War on Hilton Head – The Civil War is one of the most important events in the history of our country. Learn about what Hilton Head Island looked like from 1861-65, when Union soldiers occupied the island. Students will recreate the battle of Port Royal with Commander Percival Drayton as they learn about this significant historic event. (3rd grade and up). 2020 Social Study Standards: 4.4.CO, 4.4.CE, 4.4.CX, 4.4.E

Camp Dig-It – Get an introduction to the wonderful world of archaeology by a professional archaeologist. Students will have the opportunity to learn about the past as they excavate and identify artifacts from a simulated site dig box. 2020 Social Study Standards: 3.2.EE, 4.1.CO, 6.3.CE, 8.1.CC
Natural History Experiences

**Beach Field Study** – In this outdoor investigation, students will explore the intertidal zone learning about beach ecology and survival strategies of marine organisms. *Science Standards Correlations K.P.1, K.L.2, 1.S.1, 1.E.4, 1.L.5, 2.S.1, 2.L.5, 3.S.1, 3.E.4, 3.L.5, 4.S.1, 4.L.5, 5.S.1, 5.E.4, 6.S.1, 6.L.4, 6.L.5, 7.S.1, 7.EC.5*

**Salt Marsh at Honey Horn** – Explore the Jarvis Creek Salt Marsh and learn why this unique ecosystem is so important. Students will observe oysters, crabs, and other organisms up close while learning about their biology and behavior. *Science Standards Correlations K.S.1, K.L.2, 1.S.1, 1.E.3, 1.E.4, 1.L.5, 2.S.1, 2.L.5, 3.S.1, 3.L.5, 4.S.1, 4.L.5, 5.S.1, 5.E.3, 5.L.4, 6.S.1, 6.L.4, 7.S.1, 7.EC.5, 8.S.1*

**Lowcountry Native Plants** – Learn about plants living in the Lowcountry including their adaptations and historical uses. This outdoor program investigates carnivorous plants and plants found in the Salt Marsh and Maritime Forest. **Extension Activity:** Leaf print t-shirts. (Students provide one white t-shirt) (Additional materials fee) *Science Standards Correlations K.L.2, 1.S.1, 1.E.3, 1.L.5, 2.S.1, 3.S.1, 3.L.5, 4.S.1, 4.L.5, 5.S.1, 5.L.4, 6.S.1, 6.L.4, 7.S.1, 7.EC.5, 8.S.1*

**Phascinating Phytoplankton** – Using scientific sampling techniques, students will investigate the one-celled plants and animals that live in our coastal waters. Through the lens of a microscope, students will learn to identify different phytoplankton and zooplankton species and understand the many reasons these microscopic marine organisms are so important to our coastal waters. *Science Standards Correlations 2.S.1, 2.L.5, 3.S.1, 3.L.5, 4.S.1, 4.L.5, 5.S.1, 5.L.4, 6.S.1, 6.L.4, 7.S.1, 7.EC.5, 8.S.1*

**Native Butterflies** – Examine eggs, live caterpillars, chrysalises, and adult butterflies in our 1,200 square foot outdoor butterfly enclosure. Students will learn about the different plants butterflies rely on for survival, butterfly life cycles, and insect adaptations. (May-Oct) *Science Standards Correlations K.L.2, 1.S.1, 2.S.1, 3.S.1, 3.L.5, 4.S.1, 4.L.5, 5.S.1, 5.L.4, 6.S.1, 6.L.4, 7.S.1, 7.EC.5, 8.S.1*

**All About Owls (Owl Pellet Dissection)** - From beak to tail, birds living in the lowcountry exhibit some amazing adaptations for survival in diverse environments. In this avian investigation, students will dissect owl pellets and discover what makes owls the ultimate nocturnal predator. *Science Standards Correlations 2.L.5, 3.L.5, 4.L.5, 5.L.4, 6.L.4, 7.EC.5*

**Sea Turtles of Our Coast** – Six species of Sea Turtles are found along our coast. Learn about their life cycle and the difficulties they face from hatching to adulthood. This program outlines the Hilton Head Island Sea Turtle Protection Project managed by the Coastal Discovery Museum. *Science Standards Correlations K.L.2, 2.L.5, 3.S.1, 4.L.5, 5.L.4, 6.L.4, 7.EC.5*

**Horseshoe Crabs: A Living Fossil** - With its tough, helmet-like body and long, pointed tail, the horseshoe crab is one of the most intriguing and misunderstood marine invertebrates found in our marine waters. Dive in with us as we explore the horseshoe crab and investigate the life cycle and adaptations of this living fossil. *Science Standards Correlations K.L.2, 2.L.5, 3.L.5, 4.L.5, 5.S.1, 5.L.4, 6.L.4, 7.EC.5, 8.E.6*

**Squid Dissection** – Explore the fascinating lives of the fastest swimming marine invertebrate. Examine the external and internal anatomy of the squid through a dissection activity. *Science Standards Correlations 2.S.1, 2.L.5, 3.S.1, 3.L.5, 4.S.1, 4.L.5, 5.S.1, 5.L.4, 6.S.1, 6.L.4, 7.S.1, 7.EC.5, 8.S.1*

More experiences
Natural History Experiences continued


Our Coastal Dolphins - The Bottlenose Dolphin is an amazing marine mammal that is commonly seen along our coast. Using skulls, images and hands-on materials, students will learn about the behaviors of dolphins and the threats they encounter as we cruise along Broad Creek and observe these mammals in their habitat. (Additional boat fee) Science Standards Correlations K.L.2, 1.S.1, 2.S.1, 3.S.1, 3.L.5, 4.S.1, 4.L.5, 5.S.1, 5.L.4, 6.S.1, 6.L.4, 7.S.1, 7.EC.5, 8.S.1

Other Experiences

The Coastal Discovery Museum has so much to offer students. The Museum is a great place to visit for activities like nature journaling, photograph, self-guided scavenger hunts, and plein air painting. What experience are you and your students looking for?

Conservation in the Classroom / Adopt-A-Nest / Adopt-A-Dolphin / Teacher Workshops

And so much more...

www.coastaldiscovery.org