

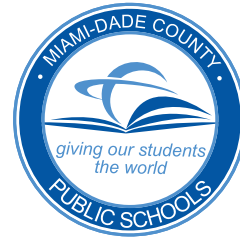
COAST

The Centennial Ocean Academy of Science and Technology (C.O.A.S.T.) program is a middle school magnet academy that is only offered at Centennial Middle School. The courses offered are designed to provide students with four essential aspects of marine and environmental education in South Florida. These aspects are: a fundamental study of water and its relationship to local, natural and cultural history; recreation skill development through outdoor education; personal and interpersonal development skills leading to effective employability qualities; and an introduction to careers related to seagoing military, marine science technology and maritime occupations.



Application Criteria

- Only incoming 6th grade students may apply.
- Students applying to 6th grade must have an overall GPA of 2.0 or higher in 4th and 5th grades.
- Students are expected to have no lower than a 2.0 in conduct, and are to maintain above average grades in conduct while in the program.
- Students cannot have more than 5 unexcused absences in a semester or more than 10 unexcused absences throughout the previous school year.
- At the end of each school year, we review all currently accepted students. If the student's academy or conduct record no longer meets the admission requirements, the student's acceptance will be revoked.



COAST 
AT CENTENNIAL
Centennial Ocean Academy of Science & Technology

**For more information
please contact:**

the Principal or Lead Teacher

8601 SW 212 Street
Cutler Bay, FL 33189
(305) 235-1581



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Everglades Research

C.O.A.S.T. students will explore and research the flora and fauna of the nearby Everglades National Park. Their research will come to life when they take a fieldtrip to the park. On their trip they will explore several trails and observe the numerous birds and reptile present in the park.

Weather On Wheels

Weather in South Florida is constantly changing and plays a large role in our daily lives. While working on the Weather on Wheels mobile laboratory, students are introduced to beautiful summer days, afternoon rainstorms or the dreaded tropical cyclones. This activity is designed to inspire our next generation of meteorologist and climatologists.

Landsharc

The students are able to do hands-on labs while researching the different science careers that are so prevalent in South Florida. Students leave with an experience that cannot be duplicated anywhere else.

Kayaking

Kayaking has become a regular activity for our students because of a grant that the M-DCPS Learn To Swim Program received. Our students are introduced to kayaking and learn the basic skills necessary to kayaking safely. Once these skills have been mastered the students are taken on longer outing in order to study the mangrove and sea grass ecosystems of Biscayne Bay.

Sailing

Sailing has also become one of our yearly events as our students are introduced to the basic principles of sailing. Students take part in nautical coursework before they are taught how to sail in training sailboats. The boats are used at the Coconut Grove Sailing Club by our students to learn the basic skills necessary to sail a vessel on their own.

Seacamp

Seacamp is a trip that we have only been able to do once so far but it was well worth the effort. The students got to snorkel in the fabulous Florida Keys on a living coral reef. They also got to experience swimming with sharks and dissecting squid. Students participated in a nighttime animal scavenger hunt where they got to catch numerous marine organisms as they walked the coastline.

Biscayne National Park Camping

The Biscayne Expedition is a trip that we have only been able to do once so far, but it has been well worth the effort. The students spent three days on Elliot key exploring the natural environment of our closest National Park. Students have gone fishing and hiking, and even performed lab activities. Students participated in a collecting session where they were able to catch numerous marine organisms as they walked the coastline. Students also participated in a night hike through the hardwood hammock, and experienced the splendor of a morning sunrise.

Fieldtrips & Activities:

Swimming

Snorkeling

Sailing

Canoeing

Kayaking

Fishing

Miami River

Everglades

Seacamp

Landsharc Seaworld

Seaquarium

Weather on Wheels

Biscayne National Park 3-day Camping trip

