

## Principal's Message

It is with great pleasure and excitement that I welcome you to Nautilus Middle School "Home of the Sharks". The staff is committed in providing challenging educational experience that meets the needs of all students. A variety of courses and extracurricular activities will provide our students opportunities to enhance their academic knowledge and become productive citizens.

As the principal, I will continue to strive for academic excellence as the school moves to a higher level. Emphasis will be placed on raising student achievement by empowering them with the necessary tools to be successful life-long learners in all curricular areas. It is our mission to provide students with a safe, academically challenging, and culturally diverse environment that fosters the development of strong character and intellect.

I look forward to having a productive school year and working with the staff, students, parents, and our supportive community to make a difference at Nautilus Middle School.

## Mission Statement

The education stakeholders of Nautilus Middle School strive to provide our students with a safe, academically challenging, and culturally diverse environment that fosters the development of exceptionally strong character and intellect. It is our goal to empower students to reach their maximum potential and mature in responsible, self sufficient, productive and compassionate members of a global society.



## Academic Programs/ Highlights

**IB** - Every teacher and student benefits from the principles and practices of an Inter Baccalaureate Program (IB) education in which all teachers have been trained. The Middle Years Program (MYP) offers students accelerated and compacted instruction through the use of various project based and service learning activities.

**Junior Scholars** - Our JSI program is an advanced program where our curriculum is enriched for qualified students who can be both gifted and non-gifted.

**STEM** - Our students participate in SECME Robotics, MAST Academy weather on wheels, Futures City Competition, Green School Challenge, and the Fairchild Challenge.

**Fine Arts** - We introduce and develop the interests and talents of our students through a variety of course offerings such as:

{Guitar, Jazz Band, Concert Band, Dance, Theatre, Chorus, Orchestra, Strings, Drama, and Fine Arts classes}

**High School Courses** - We offer a variety of classes both virtual and face-to-face such as: Biology, Algebra, Geometry, Spanish, Physical Science

**Dual Enrollment**—8th grade students will now have the opportunity to earn high school and MDC college credits.



**Anti-Bullying Club (ABC) and "No Place for Hate" School** - Selected faculty, staff, and students have been trained to identify and support students that are recipients of bullying and harassment. Ongoing activities are implemented throughout the school year to improve school climate and encourage positive behavior.

## Sports & Clubs

Nautilus offers a variety of athletic activities and clubs. Our coaches and club sponsors are committed to student enrichment.

### Sports

Basketball  
Cross Country  
Flag Football  
Golf  
Soccer  
Softball  
Swimming  
Tennis  
Volleyball

### Clubs

Chess, Art, Drama, Chorus  
Future Educators of America  
Science / STEM  
School Year Book, Cheerleading  
National Junior Honor Society  
Newspaper, Writing Club  
Student Council  
TV Production  
Best Buddies

# NAUTILUS MIDDLE SCHOOL

Home of the Sharks



**Mr. Rene Bellmas, Principal**

**Mr. Julio Echemendia, Assistant Principal**

**Dr. Alyssa Eskin-Rosenblatt, Assistant Principal**



**4301 N. Michigan Ave.**

**Miami Beach, Florida 33140**

**<http://nautilus.dadeschools.net>**

**Phone: 305 532-3481**

**Student School Hours – 9:00 am to 3:50 pm**

**School Office Hours – 8:30 am to 4:00 pm**



# NAUTILUS MIDDLE SCHOOL



Nautilus offers a variety of athletic activities which range from Cross Country in the fall, to swimming in the winter and to softball in the spring. Other sports include tennis, volleyball, soccer, and basketball. In addition, our wellness center takes an integrated approach to fitness by focusing on the whole person. Students, faculty, and staff enjoy the use of an updated state-of-the-art fitness room which includes technology-based fitness equipment and a climbing wall. Our indoor climbing wall and our state-of-the-art game-gym fitness equipment will guide our students and faculty through sports conditioning.



## Student Services

Student Services offers academic and other counseling, works with student organizations, parents, and serves as a resource and sounding board for students as they navigate their way to high school.



Through the use of a high tech student-friendly lab, students are offered a variety of mathematic experiences with access to on-line, research based, mathematics content, that is aligned to state and federal standards. The classroom is made up of state of the art architecture which includes stadium seating, sofa seating, with the use of laptops and smart boards.



## Library Media Center

The media center at Nautilus contains a comprehensive print and non-print collection. Students also have access to our online resources through MDCPS's website. Connections to e-library, SIRS, Facts on File and various other databases link students to thousands of online scholarly journals and newspapers. Students can follow world events from an international perspective with the Columbia International Affairs Online Journal and the Associated Press Photo and News Archives. Our media center provides students with the use of computers throughout the day. Nautilus's media center is an integral part of our school.



### 2016 STEM EXPO and SECME/Science Projects & Engineering Fair

**SECME Olympiad**—Nautilus MS students competed. Brain Bowl (Finalist), Bridge Building, Egg-Drop, Water Bottle Rocket, FPL Generator Build. Students won 3rd Place in Mousetrap Car and 1st Place in Research Essay, proceeding to Nationals.

### The 62th Annual South Florida Regional Science and Engineering Fair Results

1<sup>st</sup> Place – 2 Nautilus Students – Superior Mention – Gold Medal with 2 Special Broadcom Awards  
NOVA Southeastern University: Excellent in Medicine & Health Special Award  
2<sup>nd</sup> Place – 7 Nautilus Students – Excellent Mention – Silver Medal  
3<sup>rd</sup> Place – 3 Nautilus Students – Honorable Mention – Bronze Medal/Trophy for 2 students in Bridge Building Event

### Fairchild Challenge—2016 Bronze Winner

Challenges in research programs with NASA & Fairchild Botanical Gardens

### 2016 Future City Challenge Regional Competition at FIU with National Eng. Society – Finalist in 2016

### Dream in Green WE-LAB Program 2016

2<sup>nd</sup> Place—Outstanding Green School Winner as a WE-LAB school  
1<sup>st</sup> Place for Eco-Summit Award  
Award for Student Leadership—Green Game Changer e-Cybermission (AEOP & NSTA) —3<sup>rd</sup> Place—4 students  
Exploravision online competition (Toshiba & NSTA) - 18 students recognized with awards and prizes  
Robotics, 3-D Printing, Hour of Code Program—focus in STEM education / technology programs  
Science STEM Academic Club