



# Coral Reef High School' Magnet Fair

## Saturday, December 17, 2016 from 9:00am -12:00pm

### Agriscience & Engineering

Students in the **Agriscience** strand will explore Agricultural Biotechnology including genetic principles and tissue/cell culture. Research partnerships with the United States Department of Agriculture will enable students to participate in summer internships and conduct research on native tropical plants and animal species. **The Engineering** strand will explore various disciplines including: mechanical, structural, industrial, electrical, robotics and aerospace technology. Students will apply mathematical and scientific concepts to find solutions to design problems and participate in activities including basic sketching, computer designing, building and analyzing models. Students will learn Computer Aided Drafting and Design using Autodesk Design software to increase their technological literacy. Acceptance is determined by the Random Selection process.



### Business and Finance

Recognized as a Distinguished Academy by NAF (National Academy Foundation), the Academy of Business and Finance prepares students for post-secondary education in finance related majors as well as other courses of study that demand a strong academic foundation in Math, Social Studies, and Writing. Students take industry-specific classes related to business and finance and are immersed in a curriculum that applies project-based learning and integrates literacy instruction through a process that stimulates professional knowledge and workplace behavior. Students will master industry-standard software and demonstrate their ability through an extensive internship experience in business. Acceptance is determined by the Random Selection process.



### International Baccalaureate (IB)

The International Baccalaureate Diploma Programme is a highly coordinated, demanding and rigorous course of study linking the Humanities, Sciences, Mathematics, Languages and Community Service. The Programme aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. The International Baccalaureate Diploma Programme will enable students to live, learn and work in a rapidly globalizing world. Acceptance is determined by the Random Selection process.



### Legal

The Academy of Legal and Public Affairs is designed for students interested in careers involving public administration and management, law enforcement, forensics, and the criminal justice system. Students will take an array of academy classes that focus on the demonstration of the following elements of the criminal justice industry: Physical Training (PT); Defense Tactics (DT); Drill and Ceremony (D&C); Forensics; Technical and Productive Skills; Investigative Procedures; Public Safety Procedures; First Aid Procedures; Criminal Law and the Criminal Justice System. Acceptance is determined by the Random Selection process.



### Medical/Health Sciences

The Academy of Health Sciences includes three medical strands: Nursing Assistant, Emergency Medical Responder and Allied Health Assisting. These programs prepare students for future employment through rigorous preparation and the National Industry Certification exams. A solid foundation in Anatomy and Physiology results in a deep understanding of the scientific basis for their training. The students are also actively involved in Health Occupations Students of America (HOSA) which allows them further exploration of the health care field. Acceptance is determined by the Random Selection process.



### Visual and Performing Arts

The Visual & Performing Arts Academy offers six strands of specialization: **Visual Arts, Theatre Arts, Dance, Band, Chorus** and **Orchestra**. This performance based academy is comprised of actors, singers, dancers, musicians and artists who strive for excellence in academics and creative expression. Students spend two hours each day over a four-year period immersed in the theory and practice of their particular discipline. Extensive art labs, dance and music studios and black-box theatre serve as settings for our talented students. Auditions begin mid-January and acceptance is determined by an audition score. Parents will receive an e-mail with their child's audition date and time.



### CORAL REEF CAMPUS HIGHLIGHTS

An "A" School for 14 years • Winner of the Blue Ribbon, 5-Star Award & "Golden Apple Award" • Ranked in the Top Public High Schools by Newsweek • Over 45% of our students are awarded Bright Futures Scholarships • Students awarded over \$27 million in scholarship money • 99% of students are college-bound • Campus is Wireless with over 1,000 computers • Internship/Mentoring programs for Seniors • Dual enrollment programs with local colleges/universities • Full Athletic Program • Baseball Field • Softball Field • Indoor/Outdoor Basketball courts • Tennis courts • Indoor/Outdoor Volleyball courts • Football Field

### COLLEGE-BOUND 'CUDAS

Our Graduates have been accepted into: Tulane, NYU, Amherst, Cal Tech, Ga. Tech, Princeton, Yale, UNC-Chapel Hill, Dartmouth, Duke, Northwestern, US Naval Academy, Rice, Brown, Cornell, Penn, Columbia, Washington University, Stanford, Wellesley, Smith, Boston University, U of Texas-Austin, SMU, Davidson, Chicago, Syracuse, all colleges in the state of Florida and many more.

### Coral Reef Senior High School

Miami's Mega-Magnet  
10101 SW 152 Street, Miami, FL 33157  
305-232-2044 •  
<http://crhs.dadeschools.net>

# Coral Reef High School

Apply online at <http://yourchoicemiami.org>

All applications are due by **January 15, 2017**. Private school & out of county/state students **only**: supporting documents are due by **January 15, 2017**.  
**Recommendations Forms are no longer required.**

## Eligibility Requirements

<p><b>Agriscience &amp; Engineering*</b></p> <ul style="list-style-type: none"> <li>A minimum of 2.0 Grade Point Average in <u>each</u> core academic subject area (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>A minimum of 2.0 Grade Point Average in conduct for the core academic subject areas (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>All effort grades in core academic classes must be a "2" or higher for the previous year and the first grading period of the current year combined.</li> <li>No more than 10 unexcused absences for the previous year and 5 unexcused absences for the first semester of the current year.</li> <li><b>*Engineering applicants</b> must successfully complete Algebra I Honors and Physical Science Honors by June 9, 2017.</li> </ul>	<p><b>Business and Finance</b></p> <ul style="list-style-type: none"> <li>A minimum of 2.0 Grade Point Average in <u>each</u> core academic subject area (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>A minimum of 2.0 Grade Point Average in conduct for the core academic subject areas (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>All effort grades in core academic classes must be a "2" or higher for the previous year and the first grading period of the current year combined.</li> <li>No more than 10 unexcused absences for the previous year and 5 unexcused absences for the first semester of the current year.</li> </ul>	<p><b>International Baccalaureate (IB)</b></p> <ul style="list-style-type: none"> <li>A minimum of 2.5 Grade Point Average in <u>each</u> core academic subject areas (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>A minimum of 2.0 Grade Point Average in conduct for the core academic subject areas (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>All effort grades in core academic classes must be a "2" or higher for the previous year and the first grading period of the current year combined.</li> <li>No more than 10 unexcused absences for the previous year and 5 unexcused absences for the first semester of the current year.</li> <li>Physical Science Honors and Algebra I Honors must be completed and received credit before June 9, 2017.</li> <li>10<sup>th</sup> Grade applicants must successfully complete AP World History, Geometry Honors and Biology Honors in addition to the above criteria by June 9, 2017</li> </ul>
<p><b>Legal</b></p> <ul style="list-style-type: none"> <li>A minimum of 2.0 Grade Point Average in <u>each</u> core academic subject area (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>A minimum of 2.0 Grade Point Average in conduct for the core academic subject areas (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>All effort grades in core academic classes must be a "2" or higher for the previous year and the first grading period of the current year combined.</li> <li>No more than 10 unexcused absences for the previous year and 5 unexcused absences for the first semester of the current year.</li> </ul>	<p><b>Medical/Health Sciences</b></p> <ul style="list-style-type: none"> <li>A minimum of 2.0 Grade Point Average in <u>each</u> core academic subject area (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>A minimum of 2.0 Grade Point Average in conduct for the core academic subject areas (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>All effort grades in core academic classes must be a "2" or higher for the previous year and the first grading period of the current year combined.</li> <li>No more than 10 unexcused absences for the previous year and 5 unexcused absences for the first semester of the current year.</li> </ul>	<p><b>Visual and Performing Arts</b></p> <ul style="list-style-type: none"> <li>A minimum of 2.0 Grade Point Average in <u>each</u> core academic subject area (e.g. language arts, mathematics, science, social studies) and in conduct.</li> <li>A minimum of 2.0 Grade Point Average in conduct for the core academic subject areas (e.g. language arts, mathematics, science, social studies) for the previous year and the first grading period of the current year combined.</li> <li>All effort grades in core academic classes must be a "2" or higher for the previous year and the first grading period of the current year combined.</li> <li>No more than 10 unexcused absences for the previous year and 5 unexcused absences for the first semester of the current year.</li> <li>Placement is based on audition results. Auditions are required for: Visual Arts, Dance, Drama, Band, Chorus and Orchestra.</li> <li>Parents must contact the school by January 15<sup>th</sup> to schedule an audition.</li> <li>Check the school's website for Audition Guidelines.</li> </ul>

Anti –Discrimination/Harrasment (Students) – Board Policy 5517and 5517.02

M-DCPS does not discriminate on the basis of sex, race, color, ethnic or national origin, religion, marital status, disability, age, political beliefs, sexual orientation, gender, gender identification, social and family background, linguistic preference, pregnancy, or any other basis prohibited by law in its educational programs, services or activities or in its hiring's or employment practices. Please refer to School Board Policies 5517- Anti-Discrimination/Harrasment (Students) and 5517.02 - Discrimination/Harrasment Complaint Procedures for Students for more information. Questions, complaints or requests for additional information regarding discrimination or harrasment may be sent to: Executive Director, Civil Rights Compliance Office, 155 NE 15 Street, Suite P-104E, Miami, Florida 33132; PH: 305-995-1580 or e-mail address: [crc@dadeschools.net](mailto:crc@dadeschools.net). The District also provides equal access to its facilities to the Boy Scouts and other patriotic youth groups, as required by the Boy Scouts of America Equal Access Act.