

## ADVANCED ACADEMICS & COLLEGE PREPARATORY

### Cambridge Global Communications Academy

This program incorporates the International Cambridge Checkpoint Program challenging students to excel in mathematics, science and languages. Students experience a rich curriculum that includes debate, public speaking, research, broadcasting, journalism and information technology.

Attucks Middle School

### Cambridge Program

This pre-university program includes independent research and creativity in problem solving. Students have the opportunity to earn a Cambridge Advanced International Certificate of Education (AICE) diploma and a chance to earn college credits.

Fort Lauderdale High School

### The Entrepreneur and Leadership Military Academy

This curriculum prepares students for the rigors of college life, while simultaneously building self-confidence, self-esteem and the ability to lead others.

Hollywood Hills High School

### International Baccalaureate Diploma Program

This program is an accelerated liberal arts curriculum designed to meet the needs of the highly motivated and academically talented student. The program is recognized and respected by world leading universities.

Boyd Anderson High School  
Deerfield Beach High School  
Miramar High School  
Plantation High School

### International Baccalaureate Middle Years Program

This program implements the sixth through tenth grade internationally standardized course of study for highly motivated and academically talented students.

Boyd Anderson High School  
Deerfield Beach Middle School  
Deerfield Beach High School  
Lauderdale Lakes Middle School  
Plantation Middle School

### International Baccalaureate Primary Years Program

This program prepares students to become active, caring, lifelong learners who demonstrate respect for themselves and others, and have the capacity to participate in the world around them.

Wilton Manors Elementary School

### Urban Teacher Academy Program

Students interested in teaching participate in mentoring, field experiences, and have opportunities for post-secondary scholarships.

Deerfield Beach High School  
Stranahan High School

### The Academy of Entrepreneurship, STEM, and Multimedia Technology

Students incorporate business and management strategies and STEM as they learn about entrepreneurship.

Hallandale High School

## BUSINESS & TECHNICAL

### Computer Engineering

Students use state-of-the-art equipment to learn about careers in computer sciences and computer engineering. They will also learn computer coding, gaming programming, corporate computer applications, software design and presentation skills. Students practice professional leadership skills to gain a competitive edge in today's economy.

Pompano Beach Middle School

### Creek Technical Academy

In partnership with Atlantic Technical College, students learn in an innovative and professional environment and use advanced learning methods and technology.

Coconut Creek High School

### Digital Entrepreneurship Academy

Students learn the essentials of a successful business plan, including start-up and operational activities using digital arts.

Dillard 6-12

### Emerging Computer Technology

Students study microcomputer electronics, networking, 3D animation, robotics, graphic design and multimedia.

Dillard 6-12

### Information Technology

This program starts with an introductory computer course, which offers students both fundamental computer concepts and advanced training in Adobe Premier Applications. Microsoft Office Specialist (MOS) certification course is also offered as part of our magnet enrichment. Students will learn how to transform themselves from being users of technology to creators of technology.

Pompano Beach Middle School

### International Affairs & Business

Students become proficient in a second language while gaining knowledge about world affairs and diverse cultures.

Crystal Lake Middle School  
McNicol Middle School

### International Affairs with Information Technology

Students engage in learning about global affairs, while developing essential skills to successfully compete in a global economy.

Pompano Beach High School

### Technical Academies

Students earn technical certification in an emerging career field while completing a rigorous high school program.

Atlantic Technical College and Technical High School  
McFatter Technical College and Technical High School  
Sheridan Technical College and Technical High School

## CAREER ACADEMIES

### Integrated Career and Academic Networks (iCAN)

The Integrated Career and Academic Networks (iCAN) magnet program provides students with a unique opportunity to participate in project based learning, develop workplace and technology skills, and engage in mentoring by a network of advisers from business industries, colleges, and universities.

Blanche Ely High School  
New River Middle School  
Olsen Middle School  
Pompano Beach Middle School  
South Broward High School  
Stranahan High School

## COMMUNICATIONS/ LANGUAGES

### Communications

Students learn the many aspects of television and broadcast journalism by taking production courses. They will learn how to write and produce public service announcements by exploring videography, voice over narration writing, video editing to create short story elements, how to write information news stories and the operation of television studio equipment.

Pompano Beach Middle School

### Communications/Broadcast Arts

Students interested in television and radio production, newspaper journalism, digital media and web design, advertising or public relations will find this program an excellent choice.

Deerfield Beach High School

### Communications and Broadcasting Academy

Students experience a rich curriculum that includes debate, public speaking, research, broadcasting, journalism and information technology.

Sanders Park Elementary School

### Communications and Languages

This program features an innovative writing/thinking interdisciplinary approach to learning, and provides time to explore world languages.

Riverland Elementary School

### The Latin School

This challenging program develops intellectual skills and concepts that foster strong academic achievement. Applicants should meet criteria for honors, Advanced Placement (AP) and dual enrollment classes.

Northeast High School

### Technology and Global Communications

Students engage in hands-on technology projects, collaborative and innovative problem solving, and data collection probes. Practical and academically challenging projects bridge the gap between school and the real world.

Robert C. Markham Elementary School

## GOVERNMENT & INTERNATIONAL AFFAIRS

### Pre-Law and Public Affairs

The program offers career exploration for future attorneys, law enforcement officers, and public officials. Students are exposed to real-world experiences in the field of law, criminal justice and public affairs.

Fort Lauderdale High School  
William Dandy Middle School

## MONTESSORI

### The Montessori Program

This program cultivates individualism, freedom of choice, greater problem-solving ability, and social development in children.

Bair Middle School  
Beachside Montessori Village  
Dr. Martin Luther King, Jr. Montessori Academy  
Sunrise Middle School  
Virginia S. Young Montessori Magnet Elementary School

## PERFORMING & VISUAL ARTS

### Performing and Visual Arts

This program provides experiences in dance, vocal and instrumental music, art and drama. Middle and High School students must demonstrate creative talent during an audition.

Deerfield Park Elementary School  
Dillard 6-12  
North Andrews Gardens Elementary  
Parkway Middle School  
Bethune Elementary School  
Walker Elementary School

## SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM-Related)

### Alternative Energy

This program addresses the history of energy and the global impact of renewable and non-renewable resources. Scientific and research concepts are explored along with solar energy safety, biological science, physical science and environmental principles.

Northeast High School

### Aviation

This program prepares students for post-secondary programs leading to careers in the aviation industry including commercial pilot, FAA certified mechanic, aviation administration and more.

Miramar High School

### Biotechnology

Students will gain knowledge and experiences in the application of biomedical sciences. The content includes the study of human body systems, medicine bioinformatics and the design of medical interventions.

Northeast High School

### Engineering & Environmental Science Program

Students enrolled in the engineering track are offered classes associated with physical sciences that include engineering, robotics, rocketry, bridge design, drafting, research and marine biology courses.

Crystal Lake Middle School

### Environmental Science

Students evaluate the challenges related to their environment and gain in-depth learning and industry standard experiences focused on the Florida Everglades.

South Plantation High School

### Global Environmental Science

Students benefit from a curriculum that focuses on wildlife preservation, Florida's environmental issues, the tropical rain forest, and interdependence of the earth's ecosystem.

Palmview Elementary School

### Health and Wellness

This program offers specialized courses and prepares students for a career in sports medicine, health services and technology, personal fitness training and nutrition.

Boyd Anderson High School  
Driftwood Middle School

### Marine Science

Students will dive into the exciting world of ocean studies and nautical industries. Participants focus on South Florida's waterways, nautical systems, and maritime businesses.

New River Middle School

### Maritime, Marine Science and Technology

Students explore the world of ocean studies and nautical industries using geospatial information science and technology. Students meet professionals in maritime industries, learn about international opportunities, and discover how to embark in this career.

South Broward High School

### Medical Magnet Academy

This program provides hands-on collaborative encounters that promote inquiry-based learning and choice to select a college or career pathway.

Stranahan High School

### Medical Sciences

A rigorous program for students who plan to pursue their education in the fields of medicine, dentistry, pharmacology or nursing.

Blanche Ely High School  
Stranahan High School

### Pre-Medical

This program offers a unique opportunity for students interested in medicine, dentistry, veterinary science, nursing and health-related occupations.

William Dandy Middle School

### Science, Mathematics and Technology

The program is designed for the inquisitive child who enjoys exploring and learning. The program integrates math, science and technology into the entire curriculum to ensure a strong foundation.

Charles Drew Elementary School

### Science, Technology, Engineering and Mathematics (STEM)

Students investigate mathematical concepts and connections, create inventions and build rockets with recycled materials. Students study in specialized virtual labs and utilize state-of-the-art technology.

Apollo Middle School  
Margate Middle School  
McNicol Middle School  
Parkway Middle School  
Silver Lakes Middle School

### Science, Technology, Engineering and Mathematics (STEM) Museum

The integration of the museum model in STEM curriculum offer students the opportunity to explore, experiment, explain and exhibit research through engaging real-world projects.

Atlantic West Elementary School  
Broward Estates Elementary School  
Colbert Elementary School  
Liberty Elementary School  
Plantation Elementary School  
Royal Palm Elementary School

### Science/Pre-Engineering

This advanced academic program is for students who plan to continue their education in the fields of engineering, science, mathematics, and architecture of technology.

Blanche Ely High School  
McNicol Middle School  
Stranahan High School

### STEM2STEAM

This program covers atmospheric science & applied meteorology, aviation science, horticultural science and the arts.

Parkway Middle School

### Science, Technology, Engineering, Mathematics (STEM)/Multi-Level Entrepreneurship Design (MED)

This program offers a rigorous curriculum and opportunity for industry certification in Microsoft and Advance Placement (AP) credit in science and mathematics.

Lauderhill 6-12 School

For more details about our Magnet Programs visit  
[browardschools.com/innovativeprograms](http://browardschools.com/innovativeprograms)