MIAMI-DADE COUNTY
2019 STEAM EXPO
JANUARY 26TH

Science, Technology, Engineering, Arts, and Mathematics

OPENING CERemonY
Miami Dade College, North Campus
11380 Northwest 27th Avenue
Miami, Florida 33167

"CREATIVE EXPRESSION THROUGH STEAM"
#MDCPSSTEAM #MIAMIDADESTEAMEXPO
Miami-Dade STEAM Expo

AUTOGRAPHS, HONORS, AND ACCOLADES

Creative Expression through STEAM

@MiamiSup @MDCPSSTEAM

#MiamiDadeSTEAMExpo #MDCPSAcademics #MDCPSSTEAM

Special Thanks to the Miami-Dade STEAM Expo Additional Sponsors

Baptist Health Neuroscience Center

Frost Science

Miami

BARRY UNIVERSITY

Microsoft

ST. THOMAS UNIVERSITY

School of Science

KinderLab

Jungle Island

U.S. ARMY

BrainPOP

UNIVERSITY OF MIAMI

CODE NINJAS

ARMY STRONG

TECH20

LEGO Education

TEN80 Education

Dream in Green

WaterVentures

Discovery Education

Miami Dade College

North Campus

FAIRCHILD TROPICAL BOTANIC GARDEN

Science, Technology, Engineering, Arts, Mathematics
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Miami-Dade STEAM Expo Map and Emergency Number ......................................................... back cover

http://stem.dadeschools.net
Miami-Dade STEAM Expo
AGENDA
Saturday, January 26, 2019

Building A – Science Complex
8:45 a.m. – 9:45 a.m.  Opening Ceremony – Science Complex
10:00 a.m. – 1:00 p.m. International Bridge Building Competition
2:00 p.m. – 2:45 p.m. SECME Elementary Award Presentation
3:00 p.m. – 3:40 p.m. SECME Middle School Award Presentation
3:45 p.m. – 4:15 p.m. SECME Senior High School Award Presentation

Lakeside Road
8:45 a.m. – 4:00 p.m.  Miami Dade College Forensics
10:00 a.m. – 2:00 p.m. Mobile Labs: WaterVenture and Million Orchid Project STEM Lab

Various locations on campus (see pages 4 – 9)
10:00 a.m. – 12:00 p.m. South Florida Regional Science and Engineering Fair Judging (closed event)
10:00 a.m. – 2:30 p.m. SECME Competitions (spectator and closed events)

Gymnasium and back parking lot/basketball court
10:00 a.m. – 2:00 p.m. SECME Mousetrap Car – Gymnasium
10:00 a.m. – 1:00 p.m. Vex and VexIQ Robotics – Gymnasium
11:00 a.m. – 12:30 p.m. SECME Egg Drop Container Testing – Gymnasium Parking Lot 9

Building 2
10:00 a.m. – 2:00 p.m. SECME Robotic Hand, FPL Generator Build, and Mathematics (SHS)
10:00 a.m. – 2:00 p.m. STEAM Mission…Arts Fusion Exhibition, Interactive Hands-on Art Experience and Gallery
10:00 a.m. – 2:00 p.m. Interactive Activities: Dream in Green, Girl Power STEAM Summer Camps
12:00 p.m. – 1:30 p.m. SECME Banners Display Open to Public

Building 3
10:00 a.m. – 2:00 p.m. Interactive Activities (Building 3 courtyard): Miami Dade College Interactive Academic STEM Tables; Science with a Twist (SWAT); Interactive Activities; Brain Fair; (Building 3 grassy area): Discovery Education; Microsoft and US Army
10:00 a.m. – 1:00 p.m. Building 3: SECME Mathematics (MS)

Building 4
10:00 a.m. – 1:00 p.m. M-DCPS STEAM Performing Arts Experience
10:00 a.m. – 2:00 p.m. SECME Math and Brain Bowl (ES) – see page 6 for times
2:30 p.m. – 3:30 p.m. Elementary Science Fair Awards Ceremony - Building 4, Atrium

Building 5 - Lehman Theatre:
10:00 a.m. – 1:00 p.m. SECME Brain Bowl (MS and SHS) and Brain Bee (SHS)
10:00 a.m. – 2:00 p.m. Miami Brain Fair

Building 7
10:00 a.m. – 2:00 p.m. Ten-80 Drone Racing
10:00 a.m. – 2:00 p.m. Ten-80 Race Cars

11:30 a.m. – 2:00 p.m. Lunch available: Food trucks (Science Complex), cafeteria (Bldg. 4), and gymnasium (Bldg. 14)

Science Fair Gallery of Projects – Open to the Public
1:00 p.m. – 2:00 p.m. Elementary Science Fair Projects – Building 3
2:00 p.m. – 3:30 p.m. Elementary Science Fair Projects retrieval --- Building 3
2:00 p.m. – 4:00 p.m. South Florida Regional Science and Engineering Fair Projects – Building A

Note: All participating SFRSEF students will receive a placement medal at the SFRSEF Awards Program on Thursday, February 7, 2019
Opening Ceremony

Science Complex, Main Stage
8:45 a.m. – 9:45 a.m.

Mistress of Ceremony
Dr. Ava D. Rosales
Executive Director

Musical Performance
Hialeah Miami Lakes Senior High School
Mr. Kevin Segura, Director of Bands

Call to Colors & Pledge of Allegiance
Hialeah Miami Lakes Senior High School Color Guard
Sergeant First Class Victor G. Quinones

Opening Remarks
Mr. Alberto M. Carvalho, Superintendent of Schools
Miami-Dade County Public Schools

Dr. Malou C. Harrison, President
Miami Dade College, North and InterAmerican Campuses

STE(A)M Designated Schools Introduction
Mr. Cristian Carranza, Administrative Director
Division of Academics

Parade of 2017 – 2018 Miami-Dade STE(A)M Designated Schools
Gold
Silver
Bronze

Parade of SECME School Banners

Dismissal
March of the Competitors and Spectators

Cover artwork by: Kevin Amezaga, Grade 11, Miami Arts Studio 6 - 12 @ Zelda Glazer
<table>
<thead>
<tr>
<th>Time</th>
<th>Elementary Science Fair</th>
<th>South Florida Regional Science &amp; Engineering Fair</th>
<th>SECME</th>
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</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
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<td>Judge’s Check-in &amp; Orientation</td>
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<tr>
<td>8:45 a.m. – 9:45 a.m.</td>
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<td>Opening Ceremony</td>
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<tr>
<td>10:00 a.m. – 2:00 p.m.</td>
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<td>Interactive Activities</td>
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<tr>
<td>10:00 a.m.</td>
<td>Elementary Science Fair Judging</td>
<td>SFRSEF Judging Science Complex Projects – Students Only</td>
<td>SECME Competitions (various locations)</td>
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<tr>
<td>10:30 a.m.</td>
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<td>11:00 a.m.</td>
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<td>11:30 a.m.</td>
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<td>12:00 p.m.</td>
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<td>12:30 p.m.</td>
<td>Lunch</td>
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<tr>
<td>1:00 p.m.</td>
<td>Gallery of Projects Open to Public</td>
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<tr>
<td>2:00 p.m.</td>
<td>Project Retrieval</td>
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<tr>
<td>2:30 p.m.</td>
<td>Awards Ceremony</td>
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<td>3:00 p.m.</td>
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<td>3:30 p.m.</td>
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<tr>
<td>4:00 p.m.</td>
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**Lunch available from 11:30 a.m. – 2:00 p.m.**

**Projects left behind will be discarded**
M-DCPS Elementary Science Fair

Buildings 3 and 4
8:00 a.m. – 3:30 p.m.

8:00 a.m.  Judge’s Check-in & Orientation (Building 3, Room 3238 and 3239)
Student Check-in Building 3 Courtyard (east side)

8:45 a.m. – 9:45 a.m.  Opening Ceremony, Science Complex

10:00 a.m. – 2:00 p.m.  Interactive Activities courtyard and grassy area between Building 3 and 4
BrainFair;BrainPop;CodeNinjas
Discovery Education;Microsoft;USArmy - (grassy area)
Miami Dade College Academics
SWAT: Science with a Twist (Courtyard)
Frost Science; Jungle Island; KinderLab; Lego Education; Miami Marlins

10:00 a.m. – 12:00 p.m.  Elementary Science Fair Judging, Building 3 (Room 3249)

12:00 p.m. – 1:30 p.m.  LUNCH – Cafeteria, Gymnasium, Science Complex (Food Trucks)

1:00 p.m. – 2:00 p.m.  Gallery of Projects – Open to the Public, Building 3 (Room 3249)

2:30 p.m. – 3:30 p.m.  Elementary Science Fair Award Ceremony (Building 4 Atrium)

Mistress of Ceremony .........................Ms. Glenda Moton, Science Teacher
Hialeah Senior High School

Remarks ........................................ Dr. Ava D. Rosales, Executive Director
Department of Mathematics and Science

Department of Mathematics and Science Presentation of Awards
......................................................... Mrs. Vanessa Baker, District Supervisor
......................................................... Ms. Noreyda Casanas, Curriculum Support Specialist
......................................................... Ms. Yusimi Perez, Curriculum Support Specialist

South Miami Middle School
Musical Presentation
Besnik Hashani, Orchestra Director
Jessica Valdes-Vega, Magnet Lead Teacher
Fabiola Izaguirre, Principal

--------------------------- Elementary projects available for pick-up from 2:00 p.m. to 2:30 p.m. ---------------------------
Projects left behind will be discarded

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South Florida Regional Science and Engineering Fair

Science Complex
8:00 a.m. – 4:00 p.m.

7:30 a.m.   Judge’s Check-in & Orientation, Building 9
8:00 a.m.  Student Check-in Science Complex, Exhibit Rooms
8:45 a.m. – 9:45 a.m.  Opening Ceremony, Science Complex
10:00 a.m. – 12:00 p.m.  Judging of Projects Student Exhibitors only, Science Complex

- Animal Sciences ........................................................................................................... A212
- Behavioral and Social Sciences ................................................................................ A303, A305-306
- Biomedical and Health Sciences (Middle School) .................................................. A114
- Biomedical and Health Sciences (High School) ....................................................... A212
- Cellular and Molecular Biology/Biochemistry ...................................................... Building 9, 9107
- Chemistry ................................................................................................................... A103-A104
- Earth and Environmental Sciences ........................................................................... A102-103
- Engineering (Middle School) .................................................................................. A116, A202
- Engineering (High School) ...................................................................................... A202
- Environmental Engineering ..................................................................................... A205, A211
- Intelligent Machines, Robotics and System Software .............................................. A211
- Mathematics and Computational Science ............................................................... A211
- Microbiology ............................................................................................................. A118
- Physics and Astronomy ............................................................................................ A117-118
- Plant Sciences (Middle School) ................................................................................ A311
- Plant Sciences (High School) ................................................................................... A315
- Research Paper (Judges Only) .................................................................................. Building 9, 9105-9106
- Bridges (Open to the Public) ..................................................................................... Main Stage, Science Complex

10:00 a.m. – 2:00 p.m.  Interactive Activities
12:00 p.m. – 1:00 p.m.  LUNCH, Science Complex and Food Trucks
1:00 p.m. – 3:00 p.m.  Judging, Continued
2:00 p.m. – 4:00 p.m.  Gallery of Projects – Open to the Public, Science Complex

Projects available for pick-up from 4:00 p.m. to 5:00 p.m.
Projects left behind will be discarded

Note: All above participating students will receive a placement medal at the SFRSEF Awards Program on Thursday, February 7 @ 6pm
24th Annual SECME Olympiad and Festival

SECME STEM FORCE: The Brain Awakens

Various Locations
8:00 a.m. – 4:15 p.m.

8:00 a.m. Judges and SECME Teacher Coordinators’ Check-in & Orientation
SECME Coordinators/School Teacher Representative: Science Complex
SECME Judges: Building 4 - Cafeteria

8:15 a.m. Banner Line-up Science Complex-North side of building behind Main Stage

8:45 a.m. Opening Ceremony and Parade of Banners - Science Complex

<table>
<thead>
<tr>
<th>*Spectator Events</th>
<th>**Closed Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public invited to observe</td>
<td>Registered competitors only</td>
</tr>
<tr>
<td>Bionic Hand Competition</td>
<td>Banners</td>
</tr>
<tr>
<td>Brain Bee</td>
<td>Vex and Vex IQ Robotics</td>
</tr>
<tr>
<td>Brain Bowl Finals</td>
<td>Water-Bottle Rockets</td>
</tr>
<tr>
<td>Bridges</td>
<td>FPL Generator Build</td>
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<tr>
<td>Egg Drop</td>
<td></td>
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</tbody>
</table>

Elementary School (ES), Middle School (MS), Senior High School (SHS)

8:30am - 10:00am Project Check-in
- FPL Generator-build Project Check-in: (Building 2 – Room 2151)
- Vex Robotics and Vex IQ Project Check-in: Gymnasium

10:00 a.m. Phase I Competitions
SECME Competitors retrieve pre-constructed projects from Gymnasium (MTC) or Building 4 Cafeteria (Rocket/Eggdrop)
- Banner Final Judging**: Building 2 – Library; Banners will be displayed to public at 1:30pm.
- Brain Bowl Preliminary**: ES, Building 4 M/J Taylor Lounge 4207; SHS, Lehman Theater (Building 5); Brain Bee* Building 5, (5222)
- Bridges*: MS, Science Complex Main Stage
- Egg Drop*: Lot 9, behind Gymnasium
- FPL Generator-build* ES event – Building 2 (2151)
- Mathematics**: MS, Building 3 (3201); SHS, Building 2 (2147)
- Mousetrap Car*: Gymnasium
- Vex IQ* ES and Vex Robotics SHS*: Gymnasium
- Water-Bottle Rockets*: Lot 9 behind Gymnasium
- 15th Annual Bionic Hand Competition*: SHS, Building 2 (2158)
11:00 a.m. Phase II Competition
- Brain Bowl Preliminary**: MS, Lehman Theater (Building 5)
- Bridges*: SHS, Science Complex Main Stage
- FPL Generator Build*: MS, Building 2 (2151)
- Mathematics**: ES, Building 4 M/J Taylor Lounge 4207
- Mathematics Individual Competitions **: MS, Building 3 (3201); SHS, Building 2 (2147)

11:30 a.m. Phase III Competition
- Vex IQ* MS: Gymnasium
- 15th Annual Bionic Hand Competition*: MS, Building 2 (2158)

11:30 a.m. – 2:00 p.m. LUNCH (various locations) - Gymnasium; Science Complex; Food Trucks

12:00 p.m. Phase IV Competition
- Brain Bowl Finals*: SHS, Lehman Theater (Building 5)

12:30 p.m. Phase V Competition
- Brain Bowl Finals*: MS, Lehman Theater (Building 5)
- FPL Generator Build*: SHS, Building 2 (2151)

Projects left behind will be discarded

2:00 p.m. – 4:15 p.m. SECME Olympiad & Festival Awards Ceremony
Science Complex, Main Stage

2:00 p.m. – 2:45 p.m. SECME Elementary Awards Presentation and ES Brain Bowl Finals
3:00 p.m. – 3:40 p.m. SECME Middle School Award Presentation
3:45 p.m. – 4:15 p.m. SECME Senior High School Award Presentation

Officiates
Dr. Victor Okafor, Dean of the School of Science
Miami Dade College, North Campus

Mr. Cristian Carranza, Administrative Director
Division of Academics - STEAM

Dr. Ava D. Rosales, Executive Director
Department of Science

Presentation of Awards
Departments of Mathematics and Science, Career and Technical Education, and Instructional Technology
Ms. Michelle White, Executive Director (Mathematics)
Ms. Christina Delgado, District Supervisor (Career and Technical Education)
Mr. Dane Jaber, Instructional Supervisor (Science)
Ms. Pamela Wentworth, Curriculum Support Specialist (Instructional Technology)

Elementary School (ES), Middle School (MS), Senior High School (SHS)
M-DCPS STEAM
Performing Arts Experience

Building 4
10:00 a.m. – 1:00 p.m.

Miami Lakes K-8 Center
Sara Cino, Musical Director
Mateo, Dance Director
Yanelys Canales, Principal

Highland Oaks Middle School
Anna Goebel, Musical Director
Cheryl Kushi, Principal

South Miami Middle School
Besnik Hashani, Orchestra Director
Leanett Martin, Dance Director
Francisco R. Williams, Band Director
Jessica Valdes-Vega, Magnet Lead Teacher
Fabiola Izaguirre, Principal

Visual Arts
STEAM Mission...Arts Fusion Exhibition
Interactive Hands-on Art Experience and Gallery
10:00 a.m. – 2:00 p.m.

Interactive Hands-on Experience and Gallery Walk Building 2,
Interactive Activities

Below, please find a listing of Interactive Workshops providing students, parents, teachers, and other educational stakeholders with an opportunity to learn all about the STEM related resources in our community. Visit with representatives from a variety of areas who will address current research, post-secondary options, and educational strategies for teaching and learning.

A. Miami Dade College Forensics Tent Lakeside 10:00 a.m. – 2:00 p.m.

B. STEAM: Mission Arts Fusion Building 5- Lobby 10:00 a.m. – 2:00 p.m.
   Competition and exhibition for K-12 students, which combines technology, engineering, architecture, math, visual arts, music, film making, fashion, and performing arts, while encouraging innovation and creative risk-taking.

C. Miami Dade College STEM Information Tables Building 3 Courtyard 10:00 a.m. – 2:00 p.m.
   Miami Dade College staff at these tables will provide resources and information for students and parents seeking postsecondary studies, opportunities, and preparation.

D. Miami Brain Fair Building 5 and Building 3, Courtyard 10:00 a.m. – 2:00 p.m.
   Various brain-based activities presented by local institutions of higher education and community partners. Including instruction to students on strokes, epilepsy and brain waves.

E. Discovery Education Building 3, Grassy Area 10:00 a.m. – 2:00 p.m.
   Come bridge computational thinking, storytelling, and creative expression with Discovery Education and Ignite My Future in the School’s Emoji Essay activity. Fun for all ages!

F. Dream in Green Building 2, Atrium 10:00 a.m. – 2:00 p.m.
   Are you a Green Team Leader or Eco-Crusader? Come and learn about different environmental issues, such as waste and pollution, with Dream in Green.

G. Interactive Activities Building 3, Courtyard 10:00 a.m. – 2:00 p.m.
   BrainPop; Code Ninjas; Frost Science; KinderLab; Jungle Island; Lego Education; Miami Marlins

H. Library Services Building 2, Atrium 10:00 a.m. – 2:00 p.m.

I. Microsoft Education Building 3, grassy area 10:00 a.m. – 2:00 p.m.
   Calling all students! At the Microsoft tent you’ll explore many of the exciting technologies that bring learning to life. Mixed reality, digital canvas’s and accessible tools for all learners. In addition, we invite students to play Minecraft Education Edition!

J. SWAT: Science With a Twist Building 3, Courtyard 10:00 a.m. – 2:00 p.m.
   Visit the interactive science hands-on activities for elementary students and experience the excitement of science, technology, engineering and mathematics (STEM) in action.

L. US Army Building 3, Grassy Area 10:00 a.m. – 2:00 p.m.
   Interactive STEM activity that integrates athletic skills – come out and gauge your STEM-lete skills in their toss and throw activities

M. STEM Vehicles and Mobile Labs Various Locations 10:00 a.m. – 2:00 p.m.
   These interactive, mobile learning vehicles feature enriching and engaging hands-on activities that offer experiential learning that will inspire critical thinking and empower students to make a difference in the world around them and advance their knowledge of the integration of science, technology, engineering and mathematics (STEM).

   Million Orchid Project STEM Lab: Lakeside (across from Science Complex)
   LandSharc Lakeside (across from Science Complex)
   WaterVenture Lakeside (across from Science Complex)
   Ten-80 Race Challenge Exhibition: Building 7, Courtyard
   Ten-80 Drone Exhibition: Building 7, Courtyard
Miami-Dade County Public Schools aspires to engage and prepare all of our students in science, technology, engineering, arts and mathematics (STEAM) to ensure our community has the next generation of inventors, explorers, innovators, and leaders.

The 2017-2018 M-DCPS STE(A)M School Designation program was developed to ensure our community is aware of the STE(A)M schools in Miami-Dade and was a rigorous year long process that reviewed the STE(A)M participation and performance of schools in the following areas:
- State and national assessments
- STE(A)M course offerings
- STE(A)M teacher professional development
- STE(A)M student competitions
- STE(A)M parent showcases
- STE(A)M community partnerships
- STE(A)M integration

### Gold Designation
- Ben Sheppard Elementary
- Calusa Elementary
- Flagami Elementary
- G.K. Edelman/Sabal Palm Elementary
- Henry M Flagler Elementary
- Hialeah Gardens Middle
- HIVE Preparatory School
- Mast @ Jose Marti 6-12
- AcademyMater Academy Charter High
- Medical Lakes for Science & Technology
- Miami Lakes Educational Center
- Pinecrest Academy Charter High
- Pinecrest Academy Charter Middle
- Pinecrest Academy South Campus
- Pinecrest Elementary
- Pinecrest Prep Academy
- Somerset Arts Academy
- Somerset Gables Academy
- Sunset Elementary
- Sweetwater Elementary
- Terra Environmental Research Institute
- West Hialeah Gardens Elementary
- Winston Park K-8 Center

### Silver Designation
- Academir Charter School West
- Academy for International Education Charter
- Arcola Lake Elementary
- Barbara J Hawkins Elementary
- Blue Lakes Elementary
- Bowman Ashe/Doolin K-8
- Claude Pepper Elementary
- Colonial Drive Elementary
- Coral Reef Elementary
- Dante B Fasceal Elementary
- Downtown Doral Charter Elementary
- Dr. Carlos J Finlay Elementary
- Dr. Gilbert L Porter Elementary
- E.W.F Stirrup Elementary
- George W Carver Middle School
- Hialeah Gardens Senior High
- iMater Preparatory
- John A Ferguson Senior High
- John F Kennedy Middle School
- Jorge Mas Canosa Middle School
- Kendale Lakes Elementary
- Kinoich Park Elementary
- Lake Stevens Elementary
- Law Enforcement Officers Memorial
- Mae M Walters Elementary
- Mater Academy
- Mater Academy Charter Middle
- Mater Academy Lakes High School
- Mater Academy Lakes Middle
- Miami Children’s Museum
- Miami Coral Park Senior
- Miami Lakes K-8 Center
- Miami Springs Senior
- North Beach Elementary
- North Hialeah Elementary
- Oliver Hoover Elementary
- Palm Springs Elementary
- Pinecrest Academy (North)
- Pinecrest Ghade Academy
- R.K. Broad/Bay Harbor K-8
- Reiland Elementary
- Rockway Middle School
- Ronald W Reagan/Doral Senior High
- Royal Palm Elementary
- Seminole Elementary
- Silver Bluff Elementary
- Somerset Academy
- Somerset Academy Charter Elementary
- Somerset Academy Middle
- South Dade Senior High School
- Southside Elementary
- Spanish Lake Elementary
- Sylvan Heights Elementary
- Tropical Elementary
- W R Thomas Middle School
- Wesley Matthews Elementary
- William A Chapman Elementary
- Youth Co-Op Charter School
- Youth Co-Op Prep High School
- Zora Neale Hurston Elementary

### Bronze Designation
- American Senior High School
- Biscayne Elementary
- Christina M. Eve Elementary
- Coral Park Elementary
- Coral Reef Montessori Academy Charter
- Cutler Ridge Elementary
- Dr. Edward L Whigham Elementary
- Eneida Massas Hartner Elementary
- Eugenia B Thomas K-8 Center
- G. Holmes Bradbock Senior High
- Hialeah Gardens Elementary
- Hialeah Senior High School
- Highland Oaks Middle School
- Howard Drive Elementary
- iMater Academy Middle School
- John G Dupuis Elementary
- Kenwood K-8 Center
- Key Biscayne K-8 Center
- Lawton Chiles Middle School
- Mast @ FIU Biscayne Bay Campus
- Mast Academy
- Miami Jackson Senior
- Miami Shores Elementary
- Norman S. Edelcup K-8
- North Miami Beach Senior
- Ojus Elementary
- Palmetto Middle School
- Shenandoah Middle School
- Somerset Oaks Academy
- South Miami Middle
- South Miami Senior
- Southwest Miami Senior High
- Sunset Park Elementary
- West Miami Middle School
- Whispering Pines Elementary
Académir Charter School Preparatory
Academir Charter School West
Academir Preparatory Academy
Academy for International Education Charter School
Alpha Charter of Excellence
Amelia Earhart Elementary
Archimedeans Academy
Arcola Lake Elementary School
Auburndale Elementary
Auburndale Elementary School
Aventura City of Excellence School
Avocado Elementary School
Barbara Hawkins Elementary
Ben Sheppard Elementary
Biscayne Elementary
Bob Graham Education Center
Brentwood Elementary
BridgePrep Academy of Greater Miami
BridgePrep Academy South
Broadmoor Elementary
Broadmoor Elementary School
Calusa Elementary
Calusa Elementary School
Charles D. Wyche Elementary
Charles David Wyche Elementary School
Charles David Wyche Jr. Elementary
Charles R. Hadley Elementary
Christina M. Eve Elementary
Claude Pepper Elementary
Coconut Grove Elementary School
Colonial Drive Elementary
Coral Gables Preparatory Academy
Coral Park Elementary
Coral Reef Elementary
Coral Terrace Elementary
Coral Gables Preparatory Academy
Cutler Ridge Elementary
Cutler Ridge Elementary
Cypress K-8 Center
Dante B. Fascell Elementary
Doral Academy Elementary Charter
Doral International Academy of Math and Science
Downtown Doral Charter Elementary School
Dr. Carlos J. Finlay Elementary
Dr. Edward L. Whigham Elementary School
Dr. Gilbert L. Porter Elementary
Dr. Henry E. Perrine Academy of The Arts
Dr. Edward L. Whigham Elementary School
Dr. William A. Chapman Elementary
E.W.F. Stirrup Elementary
Emerson Elementary

Ada Merritt K-8 Center
Air Base K-8 Center
International Education
Aventura Waterways K-8 Center
Blue Lakes K-8
Bowman Asche Doolin K-8 Academy
Campbell Drive K-8 Center
Caribbean K-8 Center
Edison Park K-8 Center
Eugenia B. Thomas K-8 Center
Fienberg Fisher K-8 Center
Farnsworth Elementary
Fernwood Elementary
Florida City Elementary
Flagami Elementary
Florida City Elementary
Frank C. Martin K-8 Center
Gertrude K. Edelman/Sabal Palm ES
Gloria Floyd Elementary
Grennglade Elementary
Gulfstream Elementary
Henry E. S. Reeves Elementary - Academy
of Applied Technology
Henry M. Flagler Elementary
Henry M. Flagler Elementary
Henry S. West Laboratory School
Henry, E. S. Reeves Elementary - Academy
of Applied Technology
Hialeah Elementary
Hialeah Gardens Elementary
Hibiscus Elementary
Holmes Elementary School
Howard Drive Elementary
iMater Academy Elementary
iPreparatory Academy
Jack D. Gordon Elementary
Joe Hall Elementary
John G. DuPuis Elementary
Kendal Elementary
Kendale Lakes Elementary
Kensington Park Elementary
Kington Park Elementary
Lake Stevens Elementary
Lenora Braynon Smith Elementary
Ludlum Elementary
Mae M. Walters Elementary
Mater Academy at Mount Sinai
Mater Academy Bay
Mater Academy Elementary School
Mater Academy Miami Beach
Mater Academy of International Studies
Mater Gardens Academy
Miami Children's Museum Charter School
Miami Heights Elementary
Miami Shores Elementary
Norma Butler Bossard Elementary
North Beach Elementary School
North Dade Center for Modern Languages
North Hialeah Elementary
Norwood Elementary
Oak Grove Elementary School

K-8 Centers

Gateley Environmental K-8 Learning Center
HIVE Preparatory
Irving and Beatrice Peskoske K-8 Center
John L. Smith K-8 Center
Kenwood K-8 Center
Key Biscayne K-8 Center
Leewood K-8 Center
M. A. Milam K-8 Center
Ojus Elementary School
Oliver Hoover Elementary
Palm Lakes Elementary School
Palm Springs Elementary
Palm Springs North Elementary
Palmetto Elementary School
Parkview Elementary
Parkway Elementary
Pine Villa Elementary
Pinecrest Academy North
Pinecrest Academy South
Pinecrest Elementary
Pinecrest Elementary
Pinecrest Elementary
Redland Elementary
Riverside Elementary Community School
Rockway Elementary
Rockway Elementary
Royal Green Elementary
Royal Palm Elementary
Seminole Elementary
Silver Bluff Elementary
Somerset Academy South Homestead
Somerset City Arts Conservatory
Somerset Gables Academy
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Sweetwater Elementary
Sylvania Heights Elementary
Sylvania Heights Elementary School
The Charter School at Waterstone
Treasure Island Elementary
Treasure Island Elementary School
Tropical Elementary
Twin Lakes Elementary
Village Green Elementary
Virginia A. Boone Highland Oaks Elementary School
W.J. Bryan Elementary School
Wesley Matthews Elementary
West Hialeah Gardens Elementary
West Lakes Preparatory Academy
Westminster Christian School
Whispering Pines Elementary
Youth Co-Op Preparatory Charter School
Zora Neale Hurston Elementary

Ada Merritt K-8 Center
Air Base K-8 Center
International Education
Aventura Waterways K-8 Center
Blue Lakes K-8
Bowman Asche Doolin K-8 Academy
Campbell Drive K-8 Center
Caribbean K-8 Center
Edison Park K-8 Center
Eugenia B. Thomas K-8 Center
Fienberg Fisher K-8 Center
Farnsworth Elementary
Fernwood Elementary
Florida City Elementary
Flagami Elementary
Florida City Elementary
Frank C. Martin K-8 Center
Gertrude K. Edelman/Sabal Palm ES
Gloria Floyd Elementary
Grennglade Elementary
Gulfstream Elementary
Henry E. S. Reeves Elementary - Academy
of Applied Technology
Henry M. Flagler Elementary
Henry M. Flagler Elementary
Henry S. West Laboratory School
Henry, E. S. Reeves Elementary - Academy
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Westminster Christian School
Whispering Pines Elementary
Youth Co-Op Preparatory Charter School
Zora Neale Hurston Elementary
### South Florida Regional Science and Engineering Fair Schools

#### M-DCPS K-8 Centers

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<tr>
<th>Center</th>
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<td>Madie Ives K-8 Preparatory</td>
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#### M-DCPS Middle Schools

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<td>George Washington Carver MS</td>
<td>Lamar Louise Curry MS</td>
<td>Rockway MS</td>
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<td>Glades MS</td>
<td>Lawton Chiles MS</td>
<td>Ruben Dario MS</td>
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<td>Nautilus MS</td>
<td>South Dade MS</td>
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<td>Highland Oaks MS</td>
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<td>South Miami MS</td>
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<td>Howard D. McMillan MS</td>
<td>Palmetto MS</td>
<td>South Miami MS</td>
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<td>John F. Kennedy MS</td>
<td>Paul W. Bell MS</td>
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<td>Jorge Mas Canosa MS</td>
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#### M-DCPS 6-12 Schools

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<td>Young Men’s Preparatory Academy</td>
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#### M-DCPS Senior High Schools

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<td>International Studies Preparatory Academy</td>
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<td>Center for International Education: A Cambridge Associate</td>
<td>iPreparatory Academy</td>
<td>Miami Jackson SHS</td>
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<td>Coral Reef SHS</td>
<td>iTech @ Thomas A. Edison Ed. Center</td>
<td>Miami Lakes Educational Center</td>
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<td>Cutler Bay SHS</td>
<td>High School</td>
<td>Miami Southridge SHS</td>
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<td>Dorothy M. Wallace COPE Center</td>
<td>Maritime &amp; Science Technology Academy</td>
<td>Miami Springs SHS</td>
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<td>Mast @ FIU Biscayne Bay Campus</td>
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<td>Medical Academy for Science and Technology</td>
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<td>G. Holmes Braddock SHS</td>
<td>Miami Beach SHS</td>
<td>TERRA Environmental Research Institute</td>
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<td>Hialeah Gardens SHS</td>
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<td>Christopher Columbus High School</td>
<td>Miami Arts Charter</td>
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#### Private Schools

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<td>Scheck Hillel Community School</td>
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<td>Westminster Christian School</td>
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## SECME Olympiad and Festival Schools

### Elementary Schools
- George W. Carver Elementary School
- Gertrude K. Edelman/Sabal Palm Elementary School
- Greengable Elementary School
- Gulfstream Elementary School
- Henry M. Flagler Elementary School
- Hialeah Elementary School
- Hialeah Gardens Elementary School
- Howard Drive Elementary School
- John G. Dupuis Elementary School
- Kendale Lakes Elementary School
- Kensington Park Elementary School
- Kinloch Park Elementary School
- Lenora B. Smith Elementary School
- Mae M. Waiters Elementary School
- Mater Academy East
- Mater Academy Elementary School
- Miami Children's Museum
- Miami Gardens Elementary School
- Miami Shores Elementary School
- Norma B. Bossard Elementary School
- North Beach Elementary School
- North Glade Elementary School
- Oak Grove Elementary School
- Ojus Elementary School
- Oliver Hoover Elementary School
- Olympia Heights Elementary School
- Palm Springs Elementary School

### K-8 and Combination Schools
- Frank C. Martin K-8 Center
- Gateway Environmental K-8 Center
- Henry S. West Laboratory K-8 Center
- HIVE Preparatory School
- Irving & Beatrice Peskoe K-8 Center
- Jose Marti MAST 6-12 Academy
- Kenwood K-8 Center
- Key Biscayne K-8 Center
- Keys Gate Charter School
- M. A. Milam K-8 Center
- Madie Ives K-8 Preparatory Academy
- Mandarin Lakes K-8 Center
- MAST Academy
- Miami Arts Charter School - Wynwood

### Middle Schools
- Horace Mann Middle School
- Howard D. McMillan Middle School
- iMater Middle
- John F. Kennedy Middle School
- Jorge Mas Canosa Middle School
- Jose De Diego Middle School
- Kinloch Park Middle School
- Lamar Louise Curry Middle School
- Lawton Chiles Middle School
- Mater Academy Charter Middle
- Mater Academy Lakes Middle
- Miami Springs Middle School
- Nautilus Middle School
- Palm Springs Middle School
- Palmetto Middle School

### Senior High Schools
- Archimedean Upper Conservatory
- Coral Gables Senior High School

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### SECME Olympiad and Festival Schools

- Palm Springs North Elementary School
- Pinecrest Academy South
- Pinecrest Elementary School
- Redland Elementary School
- Rockway Elementary School
- Royal Green Elementary School
- Royal Palm Elementary School
- Seminole Elementary School
- Shenandoah Elementary School
- Silver Bluff Elementary School
- Somerset Arts Academy
- South Pointe Elementary School
- Southside Elementary School
- Spanish Lake Elementary School
- Sunset Elementary School
- Sweetwater Elementary School
- Sylvania Heights Elementary School
- Treasure Island Elementary School
- Tropical Elementary School
- Van E. Blanton Elementary School
- W. J. Bryan Elementary School
- Wesley Mathews Elementary School
- West Hialeah Gardens Elementary School
- Whispering Pines Elementary School
- William A. Chapman Elementary School
- Youth Co-Op Charter School

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**Academies for International Education**
- Miami Arts Studio 6-12 @ Zelda Glazer Middle School
- Miami Lakes K-8 Center
- Norman S. Edelcup/Sunny Isles Beach K-8 Center
- Pinecrest Glades Prep
- Ruth K. Broad/Bay Harbor K-8 Center
- Somerset Academy Gables
- Somerset Oaks Charter
- West Lakes Preparatory Academy
- Winston Park K-8 Center
- Young Men's Preparatory Academy
- Young Women's Preparatory Academy

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**Academies for Advanced Academics**
- Academy for Advanced Academics
- American Senior High School

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**Elementary Schools**
- George W. Carver Elementary School
- Gertrude K. Edelman/Sabal Palm Elementary School
- Greengable Elementary School
- Gulfstream Elementary School
- Henry M. Flagler Elementary School
- Hialeah Elementary School
- Hialeah Gardens Elementary School
- Howard Drive Elementary School
- John G. Dupuis Elementary School
- Kendale Lakes Elementary School
- Kensington Park Elementary School
- Kinloch Park Elementary School
- Lenora B. Smith Elementary School
- Mae M. Waiters Elementary School
- Mater Academy East
- Mater Academy Elementary School
- Miami Children's Museum
- Miami Gardens Elementary School
- Miami Shores Elementary School
- Norma B. Bossard Elementary School
- North Beach Elementary School
- North Glade Elementary School
- Oak Grove Elementary School
- Ojus Elementary School
- Oliver Hoover Elementary School
- Olympia Heights Elementary School
- Palm Springs Elementary School

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**K-8 and Combination Schools**
- Frank C. Martin K-8 Center
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- Henry S. West Laboratory K-8 Center
- HIVE Preparatory School
- Irving & Beatrice Peskoe K-8 Center
- Jose Marti MAST 6-12 Academy
- Kenwood K-8 Center
- Key Biscayne K-8 Center
- Keys Gate Charter School
- M. A. Milam K-8 Center
- Madie Ives K-8 Preparatory Academy
- Mandarin Lakes K-8 Center
- MAST Academy
- Miami Arts Charter School - Wynwood

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**Middle Schools**
- Horace Mann Middle School
- Howard D. McMillan Middle School
- iMater Middle
- John F. Kennedy Middle School
- Jorge Mas Canosa Middle School
- Jose De Diego Middle School
- Kinloch Park Middle School
- Lamar Louise Curry Middle School
- Lawton Chiles Middle School
- Mater Academy Charter Middle
- Mater Academy Lakes Middle
- Miami Springs Middle School
- Nautilus Middle School
- Palm Springs Middle School
- Palmetto Middle School

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**Senior High Schools**
- Archimedean Upper Conservatory
- Coral Gables Senior High School

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**Academies for International Education**
- Miami Arts Studio 6-12 @ Zelda Glazer Middle School
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- Norman S. Edelcup/Sunny Isles Beach K-8 Center
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- Ruth K. Broad/Bay Harbor K-8 Center
- Somerset Academy Gables
- Somerset Oaks Charter
- West Lakes Preparatory Academy
- Winston Park K-8 Center
- Young Men's Preparatory Academy
- Young Women's Preparatory Academy
- Youth Co-Op Charter School

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**Academies for Advanced Academics**
- Academy for Advanced Academics
- American Senior High School

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Everglades Preparatory Academy High
Felix Varela Senior High School
G. Holmes Braddock Senior High School
Hialeah Gardens Senior High School
Hialeah Senior High School
Hialeah-Miami Lakes Senior High School
iMater High
International Education Academy
International Studies Preparatory Academy@Gables
iTech@Thomas A. Edison Education Center
John A. Ferguson Senior High School

Law Enforcement Officers Memorial High School
MAST @ FIU
MAST @ Homestead
Mater Academy Charter High
Mater Academy Lakes High
Miami Beach Senior High School
Miami Coral Park Senior High School
Miami Jackson Senior High School
Miami Lakes Educational Center
Miami Northwestern Senior High School
Miami Senior High School
Miami Springs Senior High School
North Miami Beach Senior High School

Pinecrest Preparatory Academy Charter High
Ronald W. Reagan/Doral Senior High School
School for Advanced Studies - Homestead
School for Advanced Studies - North
School for Advanced Studies - West
South Dade Senior High School
Southwest Miami Senior High School
TERRA Environmental Research Institute
Westland Hialeah Senior School
Youth Co-op Preparatory Charter School

Acknowledgements

Miami Dade College, one of the nation’s leading institutions for higher learning, has for decades championed and promoted the academic development of students in Miami-Dade County. Their contribution to the success of this event goes unparalleled to any other. The administrative staff, facility and operations management, and the faculty assigned to assist Miami-Dade County Public Schools (M-DCPS) in launching this event have worked tirelessly throughout the months leading to this day. We are grateful for their great attention to detail, flexibility, and willingness to accommodate all requests.

Judges play a vital role in the success of the Miami-Dade STEAM Expo and for that reason we want to also express our most sincere gratitude for their time and talent.

Elementary Science Fair Judges

Ms. Josefina Duran, Emerson Elementary
Ms. Maritza Salazar, Miami Gardens Elementary
Ms. Jessnelly Jackson, North Hialeah Elementary
Ms. Corinne Boulos, North Hialeah Elementary

Mr. Alexander Jimenez, Miami Dade Schools
Ms. Denise Alfaro, Sylvania Heights Elementary School
Ms. Yosniury Rodriguez, IMC Health
Ms. Patricia Weber, Gateway Environmental K-8 Learning Center
Mr. Frankin Rodríguez, Campbell Drive K-8 Center
Mr. Michel Morales, Dr. Henry E. Penning Academy of the Arts
Mr. Andres Ortega, EWF Stirrup Elementary
Ms. Betsy Episcopciou, Palm Springs North Elementary School
Ms. Laura Guerrero, Miami-Dade County Public Schools - VABHOE Elementary School
Ms. Maria Thorne, Prep Academy
Mr. Acela Abreu, Teacher at M-DCPS
Ms. Ana Henriquez, Joe Hall Elementary
Ms. Nancy Adelson, Brentwood Elementary
Mr. Peter Ortiz
Ms. Matilde Silva, Hialeah Elementary
Ms. Fernanda Guidotti, M-DCPS
Ms. Elaine Rozier, M-DCPS
Mr. Jose Porras
Ms. Julia Moak, M-DCPS
Mr. Jose Moreira, Youth Co-op Charter School
Ms. Maritza Gameff, Dr. Toni Bilbao Preparatory Academy
Ms. Julia Escandón, Sylvester Comprehensive Cancer Center
Ms. Maritza Gameff, Dr. Toni Bilbao Preparatory Academy
Mr. Alexander Jimenez, Miami Dade schools

SECME Olympiad and Festival Judges

Mrs. Silvia Aday, M-DCPS Mathematics
Ms. Adela Aiguesvives, Biscayne Nature Center
Ms. Lucretia Allen, Florida Power & Light
Ms. Leandra Allen, Florida Power & Light
Mr. Anthony Armbrister, Teacher
Mrs. Mari Avetrani, Dr. Gilbert L. Porter Elementary
Ms. Sandra Ballart, Kensington Park Elementary
Ms. Marcella Benavides, John F. Kennedy Middle School
Ms. Deborah Berriz, Hammocks Middle School
Dr. Ralph Blose, M-DCPS (Retired)
Ms. Rosa Bohn, Dr. Gilbert L. Porter Elementary
Mr. Clive Campbell, Florida Power & Light
Ms. Patricia Campbell, SWE/Belcan Engineering Group, LLC
Ms. Charmeia Collier, West Homestead K-8 Center
Ms. Rossana Chiarella, Civil Air Patrol
Ms. Felix Crespo, Sylvester Heights Elementary
Mr. Gerald Darby, M-DCPS Mathematics
Mr. Charlie Delahoz Delahoz, Miami Coral Park SHS
Ms. Cristina Delgado-Ruiz, CTE
Ms. Kristina Devolle, M-DCPS Mathematics
Ms. Lucretia Allen, Florida Power & Light
Ms. Ksenia Devolle, Florida Power & Light
Ms. Karen Gant, Lake Stevens Elementary School
Mr. Robert Gott, Pinecrest Preparatory Middle High
Dr. Donnie Hale, FIU - The Education Effect
Mr. Jose Heijn, University of Miami
Ms. Esther Hoffman, Riviera Middle School
Ms. Ana Hung, Dr. Gilbert L. Porter Elementary
Mr. Andrew Innerarity, M-DCPS Alumnus
Ms. Lynda Insingares, Sweetwater Elementary
Dr. Jessnelly Jackson, North Hialeah Elementary
Mr. Kesler Joseph, Florida Power and Light
Mr. Alan Kirby, Pitsco Education
Ms. Annie Klian, M-DCPS Mathematics
Ms. Christina Leon, Pevida Highway Designers
Ms. Eliane Lopez, Sylvester Heights Elementary
Mrs. Mia Lorenzo, WLNR
Mr. James March, WLNR
Ms. Marcela Marcos, M-DCPS Mathematics

Ms. Samantha Jean, Florida International University
Ms. Byanka Picado, FIU
Ms. Emily Martinez, Tropical Elementary School
Ms. Louise Matrajt, Rockway Middle
Mrs. Raquel McKinnon, M-DCPS Mathematics
Ms. Femiaone Morency, Florida Power & Light
Mr. Vicente Morua, School for Advanced Studies, West
Mrs. Zavra Nafar, Florida International University
Mr. Gabriel Pacareu, Miami Dade College
Ms. Byanka Picado, Florida International University
Dr. Tchao Podona, Miami Dade College
Mr. Robert Quinn, Career and Technical Education
Mrs. Lisvette Reyes, Spanish Lake Elementary School
Mr. Franklin Rodriguez, Campbell Drive K-8 Center
Mrs. Eva Rodriguez, M-DCPS Mathematics
Ms. Blanca Rodriguez-Vidal, Spanish Lake Elementary
Ms. Judy Roseblum, M-DCPS (Retired)
Mrs. Maria Rubio, M-DCPS Mathematics
Mrs. Monica Russell, M-DCPS Mathematics
Mrs. Odalys Sanchez-Reyes, G. Holmes Braddock Sr High
Ms. Donna Silvera, MPS Credit Union
Mr. Kevin Simon, Civil Air Patrol Group 7
Ms. Martha Smith, Miami-Dade County Public Schools
Ms. Yadly St Fort, Ludovici and Orange Consulting Engineers
Mrs. heaven Tavio, Sylvester Heights Elementary
Mrs. Anil Thota, Florida International University
Ms. Lidy Tor, Kensington Park Elementary School
Ms. Mary Tweedy, Dade County Science Teachers' Association
Mr. Babak Vafaee, University of Miami
Mr. Dr. Vivian Veiga, Kensington Park Elementary
Mr. Neil Verma, iTech @ Thomas A. Edison Educational Center
Ms. Stephanie Wasilewski, Pinecrest Preparatory Middle High
Mrs. Pamela Wentworth, M-DCPS Instructional Technology
Mrs. Valerie Williams, Myrtle Grove K-8th
Dr. Rosena Wright, Division of Academic Support
Mr. Ivan Yaeger, The Yaeger Foundation
Ms. Carolina Zavala, SECME Stars IV
Ms. Deborah Zwolinski, Riviera Middle School
All great academic achievements are supported and guided by those who share our passion for education. Miami-Dade County Public Schools would like to thank the organizations and individuals who have so consistently encouraged and sponsored our students' efforts.

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Miami-Dade College - North Campus
Mu Alpha Theta
NAACP
NASA

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Society for In-Vitro Biology
Society for Science and the Public
Stockholm Junior Water Prize
University of Miami Scientist Association
U. S. Naval Academy Alumni Association
U. S. Air Force
U.S. Metric Association
Yale Science and Engineering Association, Inc.
We would also like to thank all of those Miami-Dade County Public Schools’ individuals who assisted in the delivery of today’s event. The success of which is a result of their professional knowledge and commitment to excellence.

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Executive Director, Science

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Avis Raines, District Administrative Assistant  
Merlyn Rodriguez, Secretary  
Michel Delgado, Sr. Computer Operator

Division of Academic Support and Education Transformation Office  
Lilibet Sosa, District Supervisor - Science

Eric Vicaria, Curriculum Support Specialist, Science

Instructional Technology  
Peter Hotung, Instructional Support Specialist, IT  
Pamela Wentworth, Curriculum Support Specialist, IT

Facilities Operation, Maintenance  
Edmond C. Willis, Director 1  
Keith Ceglarek, Operator

Miami-Dade Schools Police Department

Miami-Dade STEAM Expo  
Performers

Hialeah Miami Lakes Senior High School Marching Bulls  
Mr. Kevin Segura, Director of Bands

Hialeah Miami Lakes Senior High School Color Guard  
Sergeant First Class Victor G. Quinones
Anti-Discrimination Policy

Federal and State Laws

The School Board of Miami-Dade County, Florida adheres to a policy of nondiscrimination in employment and educational programs/activities and strives affirmatively to provide equal opportunity for all as required by:

**Title VI of the Civil Rights Act of 1964** · prohibits discrimination on the basis of race, color, religion, or national origin.

**Title VII of the Civil Rights Act of 1964 as amended** · prohibits discrimination in employment on the basis of race, color, religion, gender, or national origin.

**Title IX of the Education Amendments of 1972** · prohibits discrimination on the basis of gender.

**Age Discrimination in Employment Act of 1967 (ADEA) as amended** · prohibits discrimination on the basis of age with respect to individuals who are at least 40.

**The Equal Pay Act of 1963 as amended** · prohibits gender discrimination in payment of wages to women and men performing substantially equal work in the same establishment.

**Section 504 of the Rehabilitation Act of 1973** · prohibits discrimination against the disabled.

**Americans with Disabilities Act of 1990 (ADA)** · prohibits discrimination against individuals with disabilities in employment, public service, public accommodations and telecommunications.

**The Family and Medical Leave Act of 1993 (FMLA)** · requires covered employers to provide up to 12 weeks of unpaid, job-protected leave to “eligible” employees for certain family and medical reasons.

**The Pregnancy Discrimination Act of 1978** · prohibits discrimination in employment on the basis of pregnancy, childbirth, or related medical conditions.

**Florida Educational Equity Act (FEEA)** · prohibits discrimination on the basis of race, gender, national origin, marital status, or handicap against a student or employee.

**Florida Civil Rights Act of 1992** · secures for all individuals within the state freedom from discrimination because of race, color, religion, sex, national origin, age, handicap, or marital status.

**Title II of the Genetic Information Nondiscrimination Act of 2008 (GINA)** · prohibits discrimination against employees or applicants because of genetic information.

**Boy Scouts of America Equal Access Act of 2002** – no public school shall deny equal access to, or a fair opportunity for groups to meet on school premises or in school facilities before or after school hours, or discriminate against any group officially affiliated with Boy Scouts of America or any other youth or community group listed in Title 36 (as a patriotic society).

**Veterans** are provided re-employment rights in accordance with P.L. 93-508 (Federal Law) and Section 295.07 (Florida Statutes), which stipulate categorical preferences for employment.

**In Addition:**

**School Board Policies 1362, 3362, 4362, and 5517** · Prohibit harassment and/or discrimination against students, employees, or applicants on the basis of sex, race, color, ethnic or national origin, religion, marital status, disability, genetic information, age, political beliefs, sexual orientation, gender, gender identification, social and family background, linguistic preference, pregnancy, citizenship status, and any other legally prohibited basis. Retaliation for engaging in a protected activity is also prohibited.

For additional information contact:

Office of Civil Rights Compliance (CRC)
Executive Director/Title IX Coordinator
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Email: crc@dadeschools.net Website: http://crc.dadeschools.net

Rev: 08/2017
Miami-Dade STEAM Expo Map

**Building A**: Regional Science and Engineering Fair Projects, SECME Awards, Information, Bridges  
**Lakeside**: STEM Mobile Labs, Vehicles;  
**Building 2**: Bionic Hand, FPL Generator; SECME Math (HS); Display of Banners; STEAM Art Fusion and Cody Humanoid;  
**Building 3**: Elementary Science Fair, SWAT Interactive Activities, MDC Academic STEM Tables, Building 3 Grassy Area: Interactive Activities  
**Building 4**: Performing Arts, SECME ES Math and ES Brain Bowl; ES Science Fair Awards; SECME Headquarters  
**Building 5**: Lehman Theatre. MS/HS Brainbowl; Brain Fair and UM Brain Bee  
**Building 6**: Developmental Studies Center  
**Building 7**: Ten-80 Racing and Drones!  
**Building 8**: Garth C. Reeves Hall  
**Building 9**: Regional Science and Engineering Fair Headquarters  
**Building 10**: Fire Science Academy  
**Building 11**: Lakeside: STEM Vehicle, Mobile Labs, First Aid  
**Building 12**: Science Complex  
**Building 13**: Aquatic & Fitness Center  
**Building 14**: SECME: Vex, Vex IQ; Mousetrap Car  
**Building 15 (500)**: Performing Arts staging (performers only)  
**N9 (Parking lot)**: SECME Egg Drop and Rockets (pick up projects from cafeteria)

In case of emergency, Campus Security: 305-237-1100