

RESOLUTION NO. 2022-32395

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, ACCEPTING THE RECOMMENDATION OF THE COMMITTEE FOR QUALITY EDUCATION AT ITS OCTOBER 25, 2022 MEETING, REGARDING THE ALLOCATION OF STEM FUNDING IN THE AMOUNT OF \$275,000 FOR THE BENEFIT OF MIAMI BEACH PUBLIC SCHOOLS, AND APPROVING THE ALLOCATION FOR EACH SCHOOL AS SET FORTH MORE FULLY IN THIS RESOLUTION.

WHEREAS, in January 2008, the City of Miami Beach, Florida ("City") entered into an Education Compact with Miami-Dade County Public Schools (M-DCPS) to enhance learning opportunities for youth; and

WHEREAS, the Education Compact reflects the desire of the Miami Beach community to support excellence in the City's public schools; and

WHEREAS, at the September 28, 2022 Commission meeting, a motion was made by Commissioner David Richardson to dually refer a request for Science Technology Engineering Mathematics ("STEM") funding in the amount of \$275,000 to the September 30, 2022 Finance and Economic Resiliency Committee meeting and the October 25, 2022 Committee for Quality Education Committee meeting; and

WHEREAS, the Committee for Quality Education met on October 11, 2022 and October 18, 2022 to discuss the current STEM needs at the following public schools located within the City of Miami Beach: Miami Beach Senior High School, Miami Beach Nautilus Middle School, Miami Beach Fienberg-Fisher K-8, Miami Beach South Pointe Elementary, North Beach Elementary and Biscayne Beach Elementary; and

WHEREAS, each Committee for Quality Education ("QEC") Parent Teacher Association ("PTA") member provided a detailed list of the STEM needs at their particular school that had been developed with assistance and support from school site staff and administration. As Biscayne Beach Elementary does not currently have a QEC member, Ms. Karen Villalba-Belusic, Principal, shared via an email dated October 12, 2022 to Dr. Leslie Rosenfeld, Chief Learning Officer, that Biscayne Beach Elementary does "not need anything for STEM;" and

WHEREAS, at the October 25, 2022 Committee for Quality Education meeting, the Committee unanimously recommended the allocation of the STEM funds of \$275,000 from the City of Miami Beach, as follows:

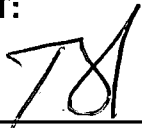
- Miami Beach Sr. High School \$104,000
- Miami Beach Nautilus Middle School \$27,000
- Miami Beach Fienberg Fisher K-8 \$110,000
- North Beach Elementary \$15,000
- Miami Beach South Pointe Elementary \$19,000
- Biscayne Beach Elementary \$0; and

WHEREAS, the Administration is seeking approval to procure the supplies and equipment requested by each Miami Beach public school pursuant to this Resolution, and donate such supplies and equipment to Miami-Dade County Public Schools ("School Board"), on the condition that, once the allocated funds have been exhausted, the School Board shall be solely responsible for (i) replenishing consumable supplies and (ii) maintaining, repairing, and replacing equipment, for a period of up to five (5) years, consistent with the recommendation of the Committee for Quality Education.

NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND THE CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA that the Mayor and City Commission accept the recommendation of the Committee for Quality Education at its October 25, 2022 meeting, regarding the allocation of STEM funding in the amount of \$275,000 for the benefit of Miami Beach public schools, and approve the allocation for each school as set forth more fully in this Resolution.

PASSED AND ADOPTED this 16 day of November 2022.

ATTEST:



RAFAEL E. GRANADO, CITY CLERK



DAN GELBER, MAYOR

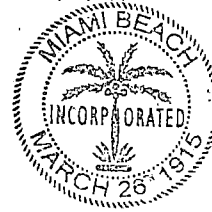
NOV 17 2022

APPROVED AS TO
FORM & LANGUAGE
& FOR EXECUTION



City Attorney *DA*

11-15-22
Date



Resolutions - C7 H

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
FROM: Alina T. Hudak, City Manager
DATE: November 16, 2022

SUBJECT: A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, ACCEPTING THE RECOMMENDATION OF THE COMMITTEE FOR QUALITY EDUCATION AT ITS OCTOBER 25, 2022 MEETING, REGARDING THE ALLOCATION OF STEM FUNDING IN THE AMOUNT OF \$275,000 FOR THE BENEFIT OF MIAMI BEACH PUBLIC SCHOOLS, AND APPROVING THE ALLOCATION FOR EACH SCHOOL AS SET FORTH MORE FULLY IN THIS RESOLUTION.

RECOMMENDATION

Administration is seeking approval to procure the items requested by each Miami Beach public school through the Committee for Quality Education and donate such equipment to each Miami Beach public school as requested through the Miami Dade County Public Schools with the School Board approving to sustain (per the QEC motion) these items for up to five (5) years to ensure access and full usability by Miami Beach students.

BACKGROUND/HISTORY

At the September 28, 2022 Commission meeting, a motion was made by Commissioner David Richardson to dually refer a request for Science Technology Engineering Mathematics (STEM) funding in the amount of \$275,000 to the September 30, 2022 Finance and Economic Resiliency Committee meeting and the October 25, 2022 Committee for Quality Education Committee meeting.

The Committee for Quality Education met on October 11, 2022 and October 18, 2022 to discuss the current STEM needs at the following public schools located within the City of Miami Beach: Miami Beach Senior High School, Miami Beach Nautilus Middle School, Miami Beach Fienberg-Fisher K-8, Miami Beach South Pointe Elementary, North Beach Elementary and Biscayne Beach Elementary. Each Committee for Quality Education (QEC) Parent Teacher Association (PTA) member provided a detailed list of the STEM needs at their particular school that had been developed with assistance and support from school site staff and administration.

As Biscayne Beach Elementary does not currently have a QEC member, Ms. Karen Villalba-Belusic, Principal, shared via an email dated October 12, 2022 to Dr. Leslie Rosenfeld, Chief Learning Officer, that Biscayne Beach Elementary does "not need anything for STEM. We have an abundance of materials."

At the October 25, 2022 Committee for Quality Education meeting the following motion was made in support of the allocation of the STEM funds of \$275,000 from the City of Miami Beach:

Members Present: Julie Basner, Josh Levy, Mary Keinath, Beverly Heller, Beth Edwards, Laurie Kaye Davis, James Orlowsky, Rina Bass, Evie Fernandez, Tiere Hessert, Courtney Reeve

Members Absent: Yvette Tache

Motion
 Made by Beth Edwards
 Second by Mary Keinath

The Committee for Quality Education requests the Mayor and Commission allocate the \$275,000 STEM funding for Miami Beach public schools as follows (estimated) and ensure this equipment/consumable donation to Miami Beach public schools be sustained by Miami Dade County Public Schools:

- Miami Beach Sr. High School \$104,000
- Miami Beach Nautilus Middle School \$27,000
- Miami Beach Fienberg Fisher K-8 \$110,000
- North Beach Elementary \$15,000
- Miami Beach South Pointe Elementary \$19,000
- Biscayne Beach Elementary \$0

The Committee for Quality Education urges the Mayor and Commission to support the above request.

Motion Passage: 10-0
 Absent for Vote: Josh Levy

ANALYSIS

The below list of STEM supplies/equipment was provided by each QEC PTA representative for their respective school during the October 2022 meetings and included in the motion made at the October 25, 2022 meeting.

STEM Funding \$275,000

Miami Beach Public School Request

Quantity	Budget (estimated)
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Miami Beach Senior High School

StepCraft M1000 ready to run system with

- Full aluminum T-Slot table
- HIWIN precision Ball screws
- Nema 23 Stepper motors with Sermi enclosed loop back system,
- MM-1000DI 1000 Spindle with Automatic tool changer
- Dust collector
- LED Light Kit

1

- End Mills for Metal, plastic wood
- Vertical Clamp fixture
- M.1000 ATC tool fixture w/dust boot control
- Mini engraving Point
- Laser engraving head
- 4Axis System Mseries

Tormach Desktop CNC Mill (Desktop CNC w/tools/accessories)	1	
gweike cloud Laser Cutter & Engraver with Rotary CO2 (50W) Pro (Laser with filtration system)	1	
Build Platform (Each)	8	8 Geyer #206895-206897
Inspiration Workbench 30H. 24"x 96".	3	
Inspiration Workbench 30H. 30"x 60".	4	
Inspiration Workbench 30H. 30"x 72".	1	
Method Task Chair Standard Height - Adjustable (Seat Height 16.5"– 21.5"H)	13	
Method Task Stool – Adjustable (Seat Height 23"– 33"H)	6	
Rally 4 seat 36" x 51".		
Stool: Metal-ST		
Casters/Glides: Casters-C	8	
Shelf/KickPlate: none		
Power: none		
STEM Equipment Storage Cabinet 38H 30x54.	3	
P28 Prism Vinyl Cutter	1	
P28 Prism Vinyl Cutter Supplies	1	
Ceiling Mount Power Cord System. Electrical Installation Not Provided	6	
CNC Materials (wax, aluminum, plastics)	1	Tormach CNC desktop
Laser Materials	2	Gweike laser cutter
Manage project from PO to install & delivery	1	
Level 1 Annual Equipment Support Contract	1	
Cascade Teacher Desk – Single Pedestal, Single Bullet. (Right-hand) w/ Box / Box / File Ped. 24"D x 60"W x 30.25H.	1	
"SERIES 225" FLAT PROFILE 2-1/4" MOVABLE WALL SPECIFICATIONS. 29 L/F AT 9' HIGH. EXTRUSIONS - ALUMINUM WITH CLEAR ANODIZED FINISH. BASE - 7" CLEAR ANODIZED GLAZING SILL. DOUBLE SLIDING DOOR UNIT. GLASS - 1/4" CLEAR TEMPERED	1	e2walls permanmet walls that move info@e2walls.com
		\$ 104,000.00
Miami Beach South Pointe Elementary		
STEM Lab Makerspace Cart, Grades K-5	2	
Creator Table & Hierarchy Chair Package - Eight 16" Chairs + Two Wave Rectangle Tables (2nd-4th Grade) by Mooreco, 1633Q1-2/53316-8 - Stock #20K36	4	
3" Dual Wheel Colorful Casters- Set of 4 by Smith System, 17577 - Stock #81C74	8	

LEGO® Education SPIKE™ Essential Set	8	
BricQ Motion Essential	8	
HamiltonBuhl - STEAM Education- Green Screen Production Kit	1	
STEM in Action® Coding & Mineral Collection Challenge (Grades 3-5)	4	
Botley® 2.0 the Coding Robot Classroom Bundle	4	
		\$ 19,000.00
Miami Beach Feinberg-Fisher K-8		
Snapmaker Original 3-in-1 3D Printer	1	
T-2000 G3D Printer	2	
Black Matte 3D Resin (For T-2000 Printer)	5	
Blue Matte 3D Resin (For T-2000 Printer)	5	
Red Matte 3D Resin (For T-2000 Printer)	5	
Green Matte 3D Resin (For T-2000 Printer)	5	
HP DesignJet T530 36-in Printer (36 inch color Poster Maker)	1	
HP 711 DesignJet Printhead Replacement Kit	3	
Fujitsu Desktop Scanner	1	
Scissors 4 Pack	6	
Scotch Tape 12 Pack	6	
Crayola Colored Pencils 36 Pack	10	
Ruggedized and Water Resistant Chromebooks	90	
30-Device Laptop Cart	3	
		\$ 110,000.00
Miami Beach Nautilus Middle School		
Costco 6 Foot Fold-In-Half Table 2 Pack	3	
M ultiglication Flashcards	50	
Division Flashcards	50	
Tormach PCNC 440 CNC Mill	1	
PCNC Mill Controller	1	
PCNC Mill Coolant Kit	1	
PCNC Mill Coolant Fluid	1	
Glowforge Plus Laser Cutter	1	
Glowforge Air Filter	1	
Rust-Oleum Dry Erase Paint	10	
ANYCUBIC Vyger 3D Printer	5	
Fujitsu ScanSnag Document Scanner	2	
EXPO Low-Odor Dry Erase Markers. Chisel Tip A	2	
EXPO Low Odor Dry Erase Marker I Chisel Tip M	4	
Cricut Maker 3 Ultimate Bundle	2	
32 Device Mobile Charging and Storage Cart	3	
ASUS Ruggedized Chromebook	96	
Epson T40W Ink Cartridges	2	
		\$ 27,000.00
North Beach Elementary		
TeacherGeek STEM, STEAM Maker Cart 2.0	2	
		\$ 15,000.00
Biscayne Beach Elementary		
		\$0

SUPPORTING SURVEY DATA

49% of Miami Beach residents are satisfied or extremely satisfied with public schools in Miami Beach

FINANCIAL INFORMATION

FY 2023 \$275,000

Amount(s)/Account(s):

Applicable Area

Not Applicable

Is this a "Residents Right to Know" item, pursuant to City Code Section 2-14?

No

Does this item utilize G.O. Bond Funds?

No

Strategic Connection

Prosperity - Be known for (K-12) educational excellence.

Legislative Tracking

Organizational Development Performance Initiatives

Sponsor

Commissioner David Richardson

ATTACHMENTS:

Description

- QEC Motion October 25, 2022
- Resolution

ATTACHMENT

OFFICE OF THE CITY CLERK
NO. LTC #

LETTER TO COMMISSION

TO: Honorable Mayor Dan Gelber and Members of the City Commission

FROM: Rafael E. Granado, City Clerk



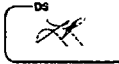
DATE: October 25, 2022

SUBJECT: Committee for Quality Education Motion

The Committee for Quality Education would like you to be aware of the following motion regarding STEM funding, approved at the October 25, 2022, committee meeting.

C: Executive Staff
Dr. Leslie Rosenfeld, Chief Learning Development Officer

Attachment
JW/LDR



**City of Miami Beach
Committee for Quality Education**

Meeting of October 25, 2022

Members Present: Julie Basner, Josh Levy, Mary Keinath, Beverly Heller, Beth Edwards, Laurie Kaye Davis, James Orlowsky, Rina Bass, Evie Fernandez, Tiera Hessert, Courtney Reeve

Members Absent: Yvette Tache

Motion

Made by Beth Edwards

Second by Mary Keinath

The Committee for Quality Education requests the Mayor and Commission allocate the \$275,000 STEM funding for Miami Beach public schools as follows (estimated) and ensure this equipment/consumable donation to Miami Beach public schools be sustained by Miami Dade County Public Schools:

- **Miami Beach Sr. High School \$104,000**
- **Miami Beach Nautilus Middle School \$27,000**
- **Miami Beach Fienberg Fisher K-8 \$110,000**
- **North Beach Elementary \$15,000**
- **Miami Beach South Pointe Elementary \$19,000**
- **Biscayne Beach Elementary \$0**

The Committee for Quality Education urges the Mayor and Commission to support the above request.

Motion Passage: Votes 10-0

Absent for Vote: Josh Levy

STEM Funding \$275,000		
Miami Beach Public School Request	Quantity	Budget (estimated)
Miami Beach Senior High School		
StepCraft M1000 ready to run system with --Full aluminum T-Slot table --HIWIN precision Ball screws --Nema 23 Stepper motors with Sermi enclosed loop back system, --MM-1000DI 1000 Spindle with Automatic tool changer --Dust collector --LED Light Kit --End Mills for Metal, plastic wood --Vertical Clamp fixture --M.1000 ATC tool fixture w/dust boot control --Mini engraving Point --Laser engraving head --4Axis System Mseries	1	
Tormach Desktop CNC Mill (Desktop CNC w/tools/accessories)	1	
gweike cloud Laser Cutter & Engraver with Rotary CO2 (50W) Pro (Laser with filtration system)	1	
Build Platform (Each)	8	
Inspiration Workbench 30H. 24"x 96".	3	
Inspiration Workbench 30H. 30"x 60".	4	
Inspiration Workbench 30H. 30"x 72".	1	
Method Task Chair Standard Height - Adjustable (Seat Height 16.5"– 21.5"H)	13	
Method Task Stool – Adjustable (Seat Height 23"– 33"H)	6	
Rally 4 seat 36" x 51". Stool: Metal-ST Casters/Glides: Casters-C Shelf/KickPlate: none Power: none	8	
STEM Equipment Storage Cabinet 38H 30x54.	3	
P28 Prism Vinyl Cutter	1	
P28 Prism Vinyl Cutter Supplies	1	
Ceiling Mount Power Cord System. Electrical Installation Not Provided	6	
CNC Materials (wax, aluminum, plastics)	1	
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Manage project from PO to install & delivery	1	
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Cascade Teacher Desk – Single Pedestal, Single Bullet. (Right-hand) w/ Box / Box / File Ped. 24"D x 60"W x 30.25H.	1	
"SERIES 225" FLAT PROFILE 2-1/4" MOVABLE WALL SPECIFICATIONS. 29 L/F AT 9' HIGH. EXTRUSIONS - ALUMINUM WITH CLEAR ANODIZED FINISH. BASE - 7" CLEAR ANODIZED GLAZING SILL. DOUBLE SLIDING DOOR UNIT. GLASS - 1/4" CLEAR TEMPERED	1	
		\$ 104,000.00
Miami Beach South Pointe Elementary		
STEM Lab Makerspace Cart, Grades K-5	2	

Creator Table & Hierarchy Chair Package - Eight 16" Chairs + Two Wave Rectangle Tables (2nd-4th Grade) by Mooreco, 1633Q1-2/53316-8 - Stock #20K36	4	
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LEGO® Education SPIKE™ Essential Set	8	
BricQ Motion Essential	8	
HamiltonBuhl - STEAM Education- Green Screen Production Kit	1	
STEM in Action® Coding & Mineral Collection Challenge (Grades 3-5)	4	
Botley® 2.0 the Coding Robot Classroom Bundle	4	
		\$ 19,000.00
Miami Beach Fernberg-Fisher K-8		
Snapmaker Original 3-in-1 3D Printer	1	
T-2000 G3D Printer	2	
Black Matte 3D Resin (For T-2000 Printer)	5	
Blue Matte 3D Resin (For T-2000 Printer)	5	
Red Matte 3D Resin (For T-2000 Printer)	5	
Green Matte 3D Resin (For T-2000 Printer)	5	
HP DesignJet T530 36-in Printer (36 inch color Poster Maker)	1	
HP 711 DesignJet Printhead Replacement Kit	3	
Fujitsu Desktop Scanner	1	
Scissors 4 Pack	6	
Scotch Tape 12 Pack	6	
Crayola Colored Pencils 36 Pack	10	
Ruggedized and Water Resistant Chromebooks	90	
30-Device Laptop Cart	3	
		\$ 110,000.00
Miami Beach Nautilus Middle School		
Costco 6 Foot Fold-In-Half Table 2 Pack	3	
Multilingual Flashcards	50	
Division Flashcards	50	
Tormach PCNC 440 CNC Mill	1	
PCNC Mill Controller	1	
PCNC Mill Coolant Kit	1	
PCNC Mill Coolant Fluid	1	
Glowforge Plus Laser Cutter	1	
Glowforge Air Filter	1	
Rust-Oleum Dry Erase Paint	10	
ANYCUBIC Vyger 3D Printer	5	
Fujitsu ScanSnag Document Scanner	2	
EXPO Low-Odor Dry Erase Markers, Chisel Tip A	2	
EXPO Low Odor Dry Erase Marker Chisel Tip M	4	
Cricut Maker 3 Ultimate Bundle	2	
32 Device Mobile Charging and Storage Cart	3	
ASUS Ruggedized Chromebook	96	
Epson T40W Ink Cartridges	2	
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TeacherGeek STEM, STEAM Maker Cart 2.0	2	
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Biscayne Beach Elementary		
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