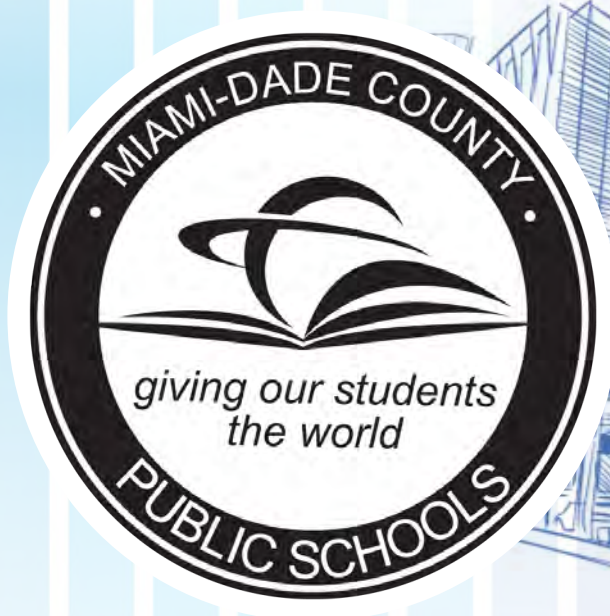
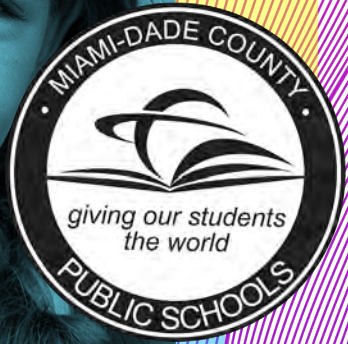


**maps** 2021

Means to Accelerate Performance





# Pillar I Relevant, Rigorous, & Innovative Academics

# ETO RAMP UP

## WHAT

ETO RAMP UP (Re-engage, Accelerate, and Maximize Performance through University Partnerships) will establish and expand partnerships with local colleges, universities, and community organizations. These partnerships will enhance the learning experience for students and the development of teachers by providing specialized and heightened systems of support that will include mentorships, tutorials, interventions, and professional development.

## WHO

Students and teachers at Tier 1 Watch, Tier 2, and Tier 3 schools

## WHY

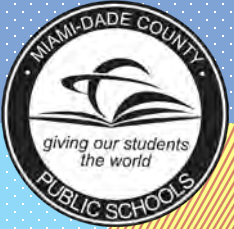
Connecting students and teachers with specialized, intentional, and heightened support will enhance the educational experience for all learners, accelerate learning, address regression, mitigate learning loss, and improve student achievement.

## WHEN

Beginning in August/September 2021



# P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# What's Your Scoir?

## WHAT

Scoir is a comprehensive college and career planning tool that assists students with creating and attaining their post-secondary plan. This platform provides school counselors and college advisors a robust system for monitoring students' progress in implementing their post-secondary plan and tools to share information and advise students. Parents will have access to Scoir and will be able to monitor and support their children through the college planning process.

## WHO

High school students and their families

## WHY

Connecting students and parents with Scoir will allow for improved monitoring of student post-secondary planning and outcomes. Scoir will also support students in developing a relevant and viable post-secondary plan.

## WHEN

2021-2022 School Year

# Advanced Placement Virtual Master Classes

## WHAT

To offer students additional opportunities to participate in advanced academic coursework, virtual AP Master classes will be taught throughout the school day and made available to interested students at targeted schools. The AP course will be taught by an AP teacher who is an AP Teacher/Student Curriculum Review facilitator and/or AP Mentor.

## WHO

All interested students at targeted schools

## WHY

The AP Virtual Master Classes initiative will expand opportunities and increase the enrollment of underrepresented subgroups in advanced academic courses.

## WHEN

2021-2022 School Year

# DEEP: Dual Enrollment Expansion Project

## WHAT

Through partnerships with the National Equity Lab and the Miami Bayside Foundation, DEEP will boost and expand dual enrollment opportunities for underrepresented students across the District.

## WHO

Students at North Miami SHS, Miami Northwestern SHS, North Miami Beach SHS, Miami Norland SHS, Homestead SHS, Miami Central SHS, Miami Jackson SHS, Booker T. Washington SHS, Young Men's Prep Academy, Hialeah SHS, Robert Morgan SHS, and Miami Springs SHS

## WHY

DEEP will expand Dual Enrollment opportunities and increase the enrollment of underrepresented subgroups in advanced academic courses.

## WHEN

Fall 2021 and Spring 2022



P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Tech 305

## Pre-Apprenticeship Program in IT

### WHAT

Tech 305 will enable M-DCPS to offer pre-apprenticeship opportunities to train students at seven high schools across the District in the Information Technology sector. The programs offered will be Help Desk Support Technician and Cybersecurity Analyst.

### WHO

High school students at Barbara Goleman SHS, G. Holmes Braddock SHS, Hialeah Gardens SHS, Alonzo and Tracy Mournig SHS, Miami Lakes Educational Center, and Miami Sunset SHS

### WHY

The pre-apprenticeship opportunities provided through Tech 305 will allow participating students to increase their knowledge of Information Technology and apply their learning in a real-world setting.

### WHEN

2021-2022 School Year

# Bilingual-Biliterate: Seal Your Future!

## Florida Seal of Biliteracy Awareness Campaign

### WHAT

M-DCPS will develop and implement a District-wide awareness campaign that provides students in grades 6-12 and their families with information on the requirements and necessary coursework for graduating with a Florida Seal of Biliteracy.

### WHO

Students in grades 6-12 and their families

### WHY

An increase in students earning a Florida Seal of Biliteracy will positively affect student achievement while providing them with the ability to speak more than one language. It will also increase graduation rates and post-secondary educational and career opportunities, ultimately making students successful in their future.

### WHEN

2021-2022 School Year

# STEAMing from the Start!

## WHAT

The STEAMing from the Start! initiative will include pre-kindergarten into the STEAM School Designation rubrics. This will promote STEAM integration programs for our youngest learners. The STE(A)M School Designation Program was developed to ensure our students are prepared for the challenges of tomorrow through high-quality teaching and learning experiences that promote higher-order thinking skills through standard-driven STE(A)M activities. Schools have the opportunity to earn the distinction of becoming a bronze, silver, or gold designated school every school year.

## WHO

Pre-K students and teachers

## WHY

To increase exposure to science among our youngest learners by adding them to the current STEAM School Designation Process. This helps to eliminate the achievement gap while accelerating all students to their full potential.

## WHEN

2021-2022 School Year

# ELLs as Agents of Change – Sustainable Development Goals Project

## WHAT

The United Nations' Sustainable Development Goals (UN SDGs) is an initiative to develop a global sustainability mindset in the ELL classroom. Through the alignment of the 17 UN SDGs, teachers will make real life sustainability connections locally, nationally, and globally. As students learn about each of the UN SDGs, they will focus on creating awareness campaigns or action plans in support of a selected goal. These campaigns or action plans will enable ELLs to not only increase their English language acquisition, but also their conservation and sustainability knowledge to eventually become changemakers in the world around them.

## WHO

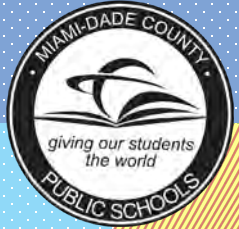
ELL students in grades 6-12 through the Developmental Language Arts course

## WHY

Interdisciplinary connections promote language acquisition, develop a global sustainability mindset, and increase student achievement.

## WHEN

2021-2022 School Year



# The Write Brain: Write One, Give One

## WHAT

The Write One, Give One initiative will empower ELL students of all proficiency levels and enable them to become published authors of their own original children's book. ELL students will participate in project-based writing activities that encourage self-expression and increase self-esteem. ELLs will discover their individual voices as they work collaboratively and independently to develop written narratives that result in published books.

## WHO

ELL students in grades 6-12 through the Developmental Language Arts course

## WHY

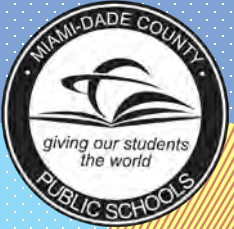
The Write Brain: Write One, Give One will accelerate language acquisition and enhance literacy through the creative writing process.

## WHEN

2021-2022 School Year



# P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

**maps**  
2021

# M-DCPS/FIU Inspicio Content Repository

## WHAT

Through a collaboration with FIU's College of Communication, Architecture + The Arts (CARTA), M-DCPS will provide secondary teachers with access to CARTA's transformational publication platform, Inspicio Arts, and its library of 5,000+ video interview clips of renowned people across all art disciplines and with direct connections to South Florida. The video interviews will be curated and mapped to monthly teaching themes and shared with teachers through a newly created Inspicio Arts website.

## WHO

All secondary teachers and students

## WHY

This initiative will increase student engagement in the learning process through storytelling while increasing the integration of digital resources into teaching and learning.

## WHEN

Fall 2021: Hispanic Heritage, Holocaust Ed, Human Rights, Dr. Martin Luther King and Jewish History month resources will become available for teacher use.

Spring 2022: Black History Month, Women's History Month, National Poetry Day, Earth Day, and Haitian Heritage Month resources will become available for teacher use.

# The STEM Flying Classroom

## WHAT

Collaboration with Captain Barrington Irving's Flying Classroom to engage nine elementary schools in science, technology, engineering, and mathematics (STEM). This collaboration will include teacher professional development and Flying Classroom STEM kits for one target grade level at each of the identified school sites.

## WHO

Linda Lentin K-8, Lakeview ES, Biscayne Beach ES, Palm Lakes ES, E.W.F. Stirrup ES, Riverside ES, Oliver Hoover ES, Wesley Matthews ES, and Robert Russa Moton ES

## WHY

This initiative will expand and enhance the participation of our elementary students in STEM activities.

## WHEN

2021-2022 School Year



# P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# VEX-Go STEM Robotics

## WHAT

With the support of the Bosch Community Fund Grant, M-DCPS will enhance its current robotics program by supporting 34 schools with teacher training, VEX-Go Kits, and Vex-Go competitions for some of the District's youngest students in grades 1-3.

## WHO

Students in grades 1-3 at 34 schools across the District: Lake Stevens, Linda Lentin, Oak Grove, Arcola Lake, Broadmoor, Charles R. Drew, Lakeview, Aventura/Waterways, Norman S. Edelcup/Sunny Isles Beach, North Beach, Treasure Island, Hialeah Gardens, Mae M. Walters, North Hialeah, Spanish Lake, Eugenia B. Thomas, Henry M. Flagler, Kensington Park, Blue Lakes, G.W. Carver, Riverside, Tropical, Caribbean, Dr. Gilbert L. Porter, Leewood, Oliver Hoover, Banyan, Coral Park, Dr. Carlos J. Finlay, Rockway, Avocado, Frank C. Martin, Mandarin Lakes, and Redland

## WHY

This initiative will increase young students' access to innovative programming and expose them to robotics and coding.

## WHEN

2021-2022 School Year

# Electric Mobile STEAM Labs

## WHAT

The M-DCPS Electric Mobile STEAM lab project aims to replace and expand the current STEM mobile labs fleet of three buses with an electric mobile lab fleet to support the District's sustainability goals and the integration of STEAM. The initiative calls for a replacement and expansion of the fleet to four Electric STEAM mobile units to service schools in the North, South, East, and West areas of the county. The initiative will require substantial funding support for the purchase of the electric bus, retrofitting of the vehicle, Internet access, maintenance, driver, STEAM CSS, hardware, and supplies.

## WHY

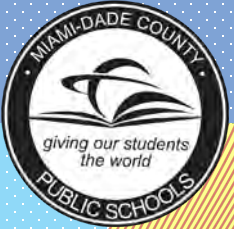
The Electric Mobile STEAM labs will provide students at many more schools within the District with equitable access to hands-on innovative programs in the areas of science, technology, engineering, arts, and mathematics. The use of electric buses will also advance the District's sustainability goals.

## WHEN

2021-2022 – Planning Year



P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Pop N' Prep Homework Help Line

## WHAT

Pop N' Prep will provide students with the opportunity to seek out academic support from home after the school day. Through a virtual platform, students will be able to engage synchronously with content area teachers to receive assistance with home learning activities. The program will serve grades K-12 and employ M-DCPS teachers to deliver academic support to students Monday through Thursday from 4:30 pm to 8:30 pm.

## WHO

Students in grades K-12

## WHY

Pop N' Prep will support students' academic achievement by providing them with virtual, high-quality teacher support as they engage in home learning.

## WHEN

2021-2022 School Year



# P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

**maps**  
2021

# GradTrack

## WHAT

GradTrack is a new portal report that will provide both students and parents with an individualized summary of the student's progress toward meeting graduation requirements and a breakdown by each course requirement. This new tool will give families easy access to information that is reflected on a student's high school transcript. The report will be updated twice a week and will reflect the most current information available at the school site.

## WHO

High school students and their families

## WHY

GradTrack will empower families with information that will support students in meeting graduation requirements and preparing for post-secondary success.

## WHEN

Go-live on October 1, 2021

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# AB¢ of Financial Literacy Education

## WHAT

AB¢ of Financial Literacy Education is a curricular initiative designed for students to gain the knowledge and skills to be responsible money managers and graduate financially literate. The program will leverage partnerships and instructional resources to provide comprehensive financial literacy education, as well as professional development for teachers.

## WHO

Students in grades K-12

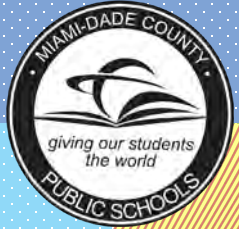
## WHY

AB¢ of Financial Literacy Education is a comprehensive approach to financial literacy where students receive financial literacy instruction that is age appropriate and engaging at every grade level.

## WHEN

2021-2022 School Year

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Chess2Think

## WHAT

Chess2Think will increase the number of students exposed to chess by providing virtual access in all schools and increasing student participation in the Challenging Higher Education for Students in our Schools (CHESS) Program competitions. This initiative will improve students' academic performance and help them develop the analytical and critical thinking skills necessary for success in school.

## WHO

Students in all schools

## WHY

As an extended learning opportunity, this initiative will support core subject areas and improve critical thinking skills to better prepare students for post-secondary education and/or career development.

## WHEN

2021-2022 School Year

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Infinite Mathematical Possibilities

## WHAT

Infinite Mathematical Possibilities will provide personalized instructional support for struggling math students in grades K-12 through customized digital action plans and virtual tutoring opportunities. This new digital resource can also be used by teachers for instructional delivery as it complements District-adopted materials.

## WHO

Students in grades K-12

## WHY

Providing in-school and at-home instructional support in mathematics to students in grades K-12 will assist them in gaining mathematical fluency and confidence. This customization of instructional opportunities will help accelerate all students while also eliminating the achievement gap.

## WHEN

2021-2022 School Year

# Transition G.P.S – Gearing Up for Post-Secondary Success

## WHAT

Transition G.P.S will provide information about transition services and programs to students and parents via new transition app, social media, and student peer network. It will also increase Employment Training Program sites to offer an expanded variety of work-related experiences. Finally, it will establish new Life Skills and Employment Skills Programs for young adults with disabilities in partnership with M-DCPS Adult Education to enhance post-secondary options.

## WHO

Young adults with disabilities and their families

## WHY

As students transition from middle to high school, and from high school to post-secondary settings, it is important to increase awareness and access to transition services, programs, community agencies, and post-secondary opportunities. This initiative will allow students with disabilities to obtain meaningful employment skill opportunities in varied career paths.

## WHEN

2021-2022 School Year

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# The Reading Success Academy

## WHAT

The Reading Success Academy (RSA) will serve students who have either been identified with a Specific Learning Disability or who exhibit foundational reading deficiencies and may require additional support.

## WHO

Students in grades K-8 in select schools: Nautilus MS, Aventura/Waterways K-8, Horace Mann MS, Lillie C. Evans K-8, Blue Lakes ES, and Hammocks MS

## WHY

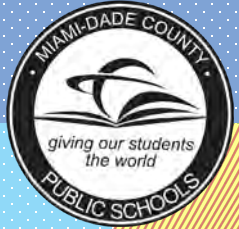
By addressing foundational deficiencies in reading, M-DCPS will increase student achievement.

## WHEN

2021-2022 School Year



P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Miami-Dade Virtual School (MDVS)

## WHAT

MDVS will provide students the opportunity to continue with virtual learning via a blended model that will include both synchronous and asynchronous modes of instruction. The school will service grades K-12 and employ M-DCPS teachers to deliver instruction. MDVS will open as a choice school with no boundaries and will serve all of Miami-Dade County.

## WHO

Students in grades K-12

## WHY

MDVS provides families in Miami-Dade County an additional option to continue learning in a virtual environment.

## WHEN

Launching in the 2021-2022 School Year



P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# The Quantum Leap Initiative

## WHAT

This rebranding and expansion of the Digital Convergence Initiative will focus on furthering the investment in technology throughout the District while also addressing professional growth in the transformational stages of the SAMR Model, Modification and Redefinition.

## WHO

Students in grades K-12

## WHY

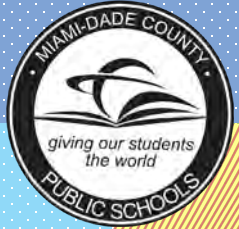
Quantum Leap will support the continuous transformation of teaching and learning by fostering educational innovation and providing learning opportunities that promote digital literacy and position students for success.

## WHEN

2021-2022 School Year and Beyond

DIGITAL  
LITERACY

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps  
2021

# Schoology – Learning Together

## WHAT

M-DCPS' Learning Management System (LMS) will serve as the hub for both the District's vast collection of digital resources and for the delivery of instructional content. As a resource hub, the LMS will streamline content creation and the distribution of resources by bringing all applications and services into a single location. As a learning hub, it will provide a platform for content delivery, communication, collaboration, and professional development.

## WHO

Students in grades K-12 and their teachers

## WHY

The District's LMS will support the continuous transformation of teaching and learning by fostering educational innovation and providing learning opportunities that promote digital literacy and position students for success.

## WHEN

2021-2022 School Year and Beyond

# Pre-K Blooms!

## WHAT

M-DCPS will expand Pre-K offerings by adding a total of 56 VPK classrooms in Title I and fee-supported schools across the District.

## WHERE

Select schools across the District

## WHY

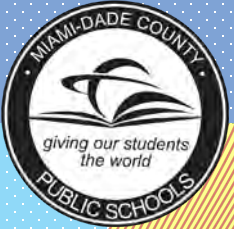
Adding more VPK seats will provide young learners in the community with access to an educational setting where they will receive high-quality instruction that prepares them to succeed in Kindergarten and beyond.

## WHEN

2021-2022 School Year



# P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

**maps**  
2021

# Connecting the Dots Closing the Career Gap

## WHAT

M-DCPS is strengthening its career pathways by increasing opportunities for high school students to participate in Dual Enrollment at Technical Colleges across the District.

## WHO

Students at select high schools may participate in Dual Enrollment offerings at D.A. Dorsey Technical College, Lindsey Hopkins Technical College, Miami Lakes Educational Center and Technical College, Robert Morgan Educational Center and Technical College, and South Dade Technical College.

## WHY

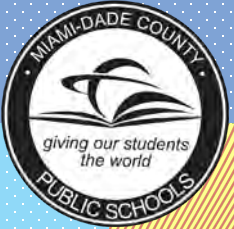
Connecting the Dots provides students with increased opportunities to complete coursework in a career field of their choice. It also supports program growth at M-DCPS' Technical Colleges by ensuring that schools have the necessary resources to reach the students interested in their Career and Technical Education (CTE) programs.

## WHEN

2021-2022 School Year



# P1

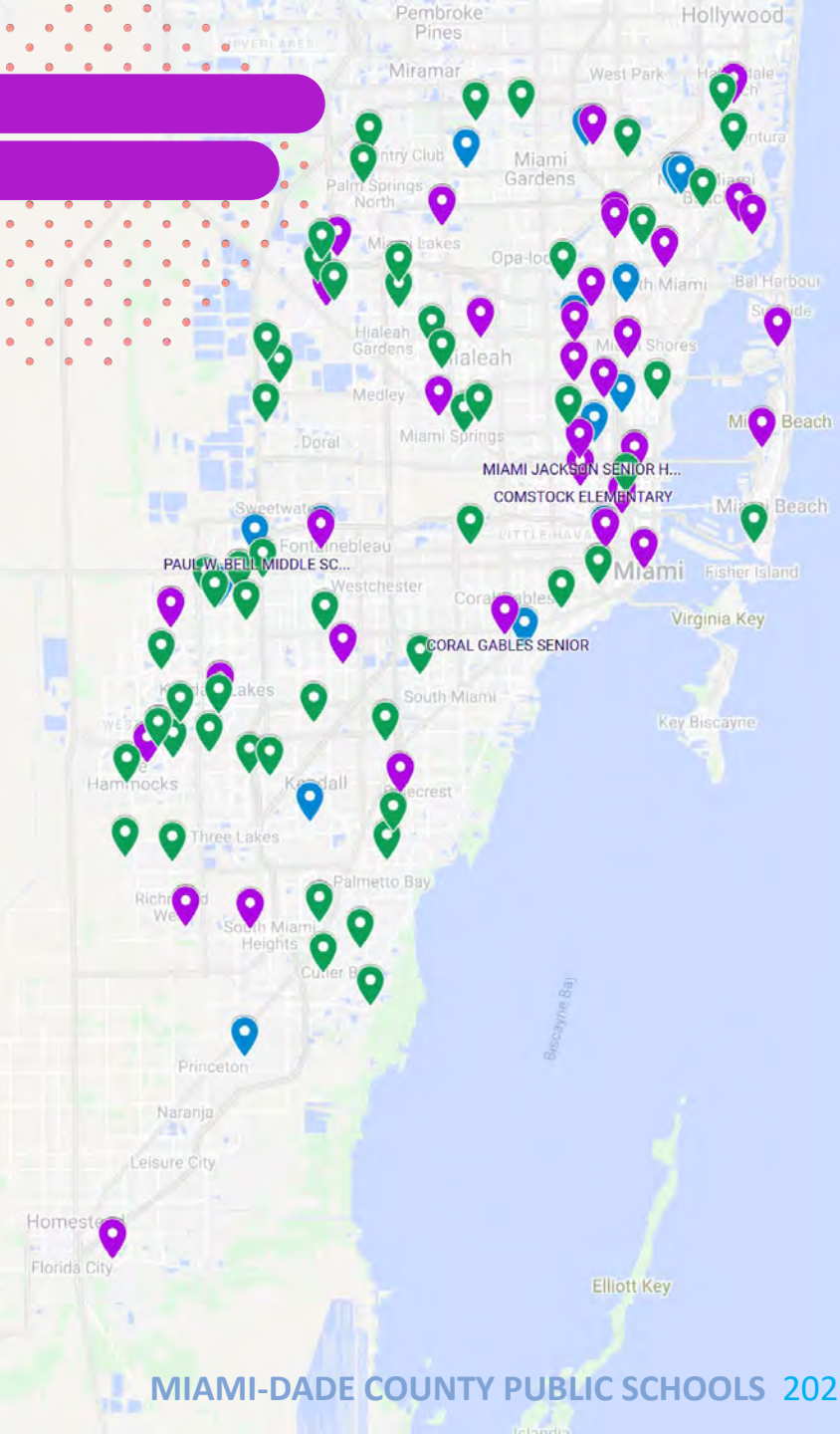


RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021



# New Choice & Magnet Programs



31 new PROGRAMS

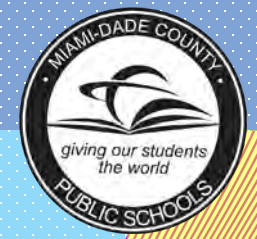
779 square MILES

9 voting DISTRICTS



Scan to interact with map

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Principles of Agribusiness & Management

## WHAT

The District's first Principles of Agribusiness and Management choice program.

## WHERE

William Turner Technical Arts High School

## WHY

This program will enhance the existing program at Turner Technical Arts High School by affording students in the Agriculture, Food, and Natural Resource Career Cluster the opportunity to develop leadership, entrepreneurial, and critical thinking skills.

## WHEN

2021-2022 School Year



P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Young Entrepreneur Programs

## WHAT

M-DCPS will continue to focus on preparing students for success in the rapidly-evolving workforce by infusing Entrepreneurial Thinking into existing Career and Technical Education (CTE) courses at the middle and high school levels.

## WHERE

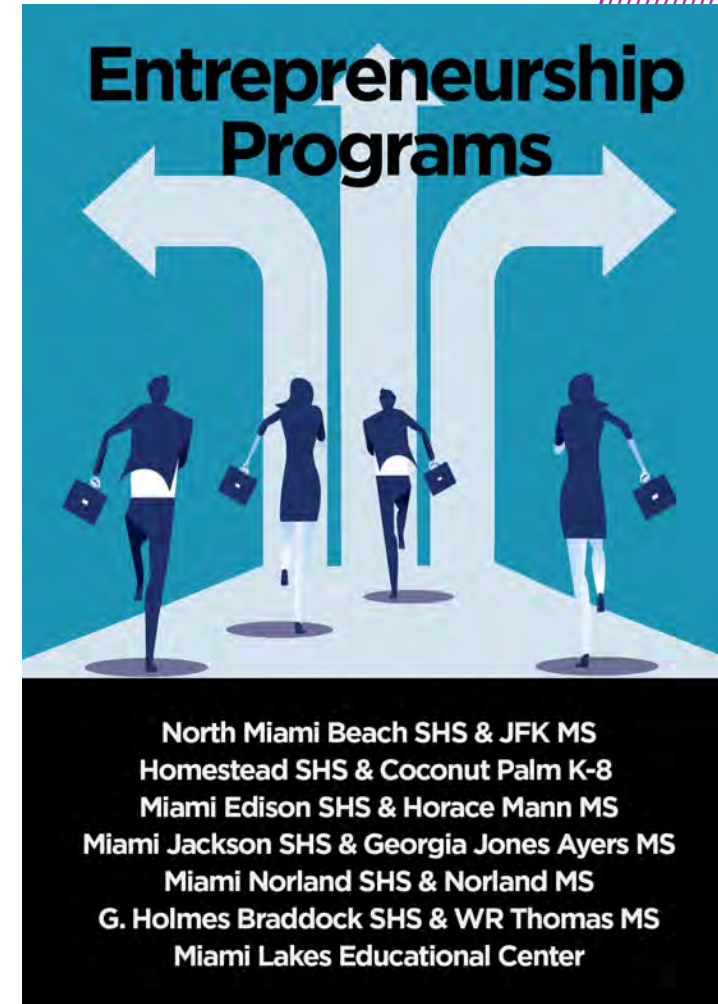
North Miami Beach SHS & John F. Kennedy MS  
Homestead SHS & Coconut Palm K-8  
Miami Edison SHS & Horace Mann MS  
Miami Jackson SHS & Georgia Jones Ayers MS  
Miami Norland SHS & Norland MS  
G. Holmes Braddock SHS & W.R. Thomas MS  
Miami Lakes Educational Center

## WHY

Embedding entrepreneurship into existing CTE courses will enhance problem-based activities for students and strengthen career path opportunities within school feeder patterns beginning in the middle school grades.

## WHEN

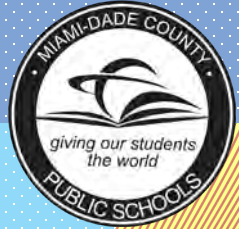
2021-2022 School Year

A graphic titled "Entrepreneurship Programs" featuring a teal background with three large, light-blue arrows pointing left, up, and right. Below the arrows are silhouettes of four people (two men and two women) carrying briefcases, walking away from the viewer. The text "Entrepreneurship Programs" is written in bold black font at the top. Below the graphic is a black box containing a list of school names in white text.

**Entrepreneurship Programs**

North Miami Beach SHS & JFK MS  
Homestead SHS & Coconut Palm K-8  
Miami Edison SHS & Horace Mann MS  
Miami Jackson SHS & Georgia Jones Ayers MS  
Miami Norland SHS & Norland MS  
G. Holmes Braddock SHS & WR Thomas MS  
Miami Lakes Educational Center

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Cloud Computing Program

## WHAT

The District's first Cloud Computing & Virtualization program. Students will learn computer literacy; software application support; basic hardware configuration and troubleshooting; networking technologies, troubleshooting, security, and administration; and customer service and human relations skills.

## WHERE

Hialeah Gardens Senior High School

## WHY

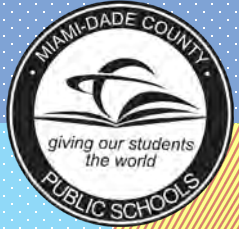
Cloud Computing will offer a program of study that provides rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare students to be future ready as Network Support Technicians, Cloud Specialists, and Cloud Virtualization Engineers in the Information Technology career cluster.

## WHEN

2021-2022 School Year



P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Verizon Innovative Learning Schools

## WHAT

M-DCPS will expand its portfolio of Verizon Innovative Learning Schools by adding two additional programs at two existing Magnet Schools. The program will provide all students and teachers with a device equipped with a 10GB LTE monthly data plan, a full-time innovation coach, ongoing project planning and support, and expanded professional learning opportunities for teachers. Students will participate in STEM-related events each year during which they will access Verizon's resources such as industry professionals, products, and place-based instruction.

## WHERE

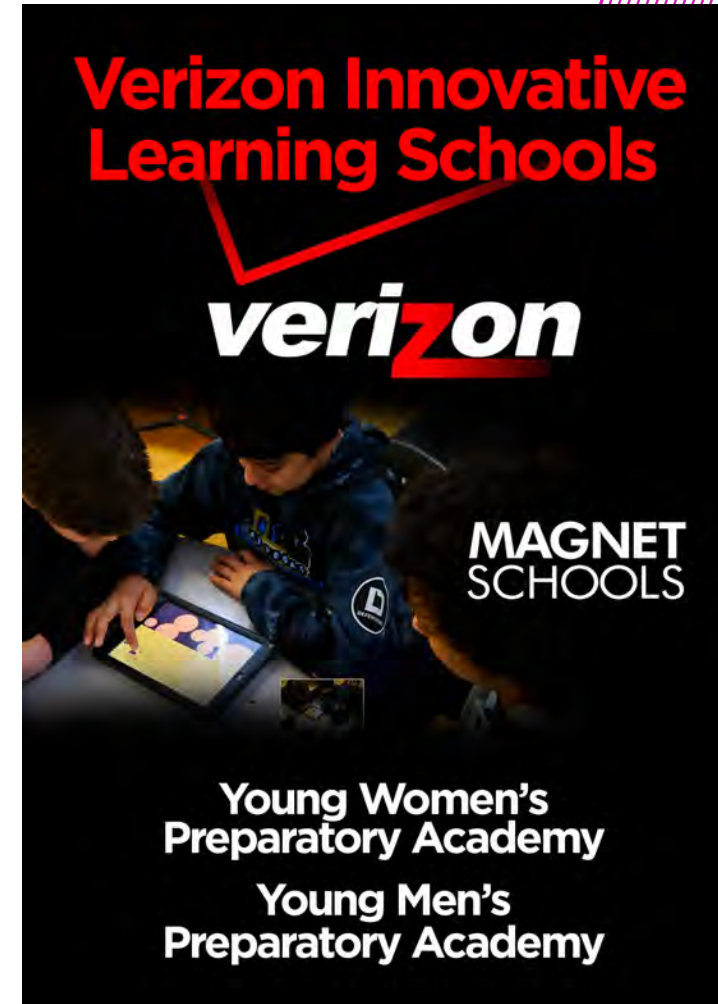
Young Women's Preparatory Academy  
Young Men's Preparatory Academy

## WHY

The expansion of this program will increase student interest in STEM subjects and careers, teacher and student proficiency with technology, student engagement and confidence, student academic performance and problem-solving skills, and student communication and collaboration skills.

## WHEN

2021-2022 School Year



**Verizon Innovative Learning Schools**

**verizon**

**MAGNET SCHOOLS**

**Young Women's Preparatory Academy**  
**Young Men's Preparatory Academy**

The graphic features a black background with a red Verizon logo at the top. Below it, the text 'verizon' is written in white with a red underline. The words 'MAGNET SCHOOLS' are in white, bold, uppercase letters. At the bottom, the names of the two preparatory academies are listed in white, bold, uppercase letters. The background of the graphic shows a group of students looking at a tablet.

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

**maps**  
**2021**

# Verizon Innovative Learning Labs

## WHAT

M-DCPS will expand its portfolio of Verizon Innovative Learning Labs by adding innovative learning spaces at four schools. The program will transform the schools' media labs into cutting-edge technology and modular workspaces. These innovative learning spaces will enhance the project's existing goals of increasing student interest in STEM, increasing proficiency with technology, and increasing student achievement.

## WHERE

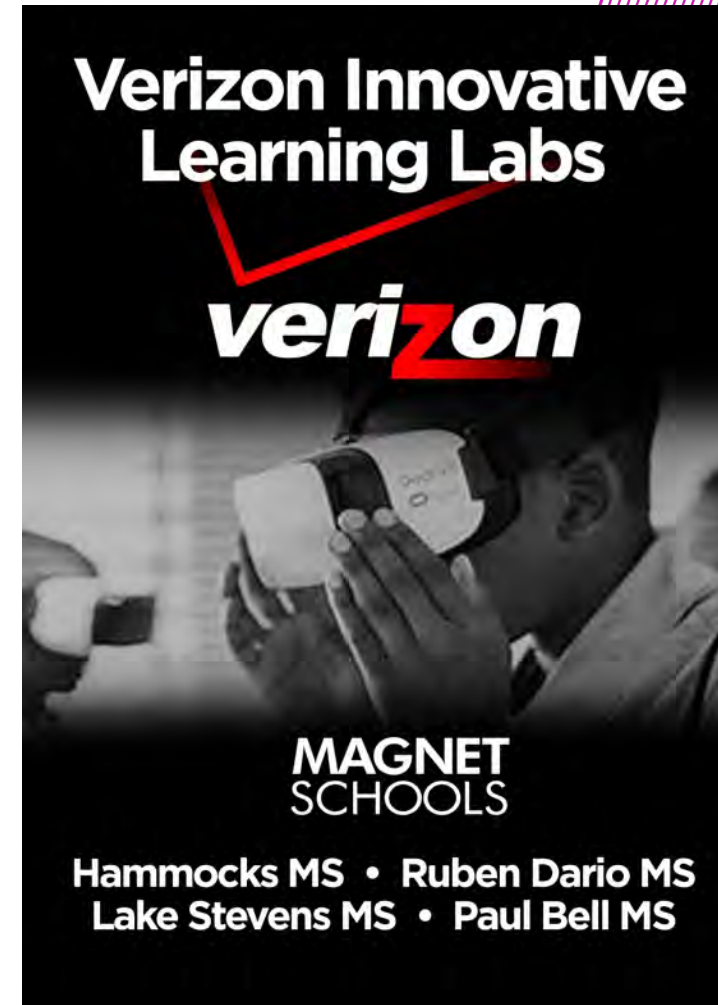
Hammocks MS, Ruben Dario MS, Lake Stevens MS, and Paul Bell MS

## WHY

The new labs will provide students and teachers a dedicated innovation space where students will be able to craft their own educational experiences while exercising the ability to think, collaborate, and solve problems.

## WHEN

2021-2022 School Year



Verizon Innovative Learning Labs

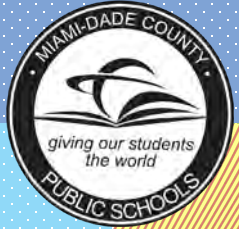
verizon

MAGNET SCHOOLS

Hammocks MS • Ruben Dario MS  
Lake Stevens MS • Paul Bell MS

The poster features a black and white photograph of a student wearing a VR headset. The Verizon logo is prominently displayed in the center, with a red checkmark above it. The text is arranged in a clean, modern layout.

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Engineering Education Hubs

## WHAT

M-DCPS is reimagining programmatic offerings at three schools with the goal of developing an Engineering Education Hub in each geographic region. The Biological/Biomedical Engineering Program and Unmanned Aircraft Engineering Program will focus on principles of design, engineering technologies, and investigative research. Inquiry-Based Learning (IBL) will promote critical thinking and help students solve a series of real-world societal problems.

## WHERE

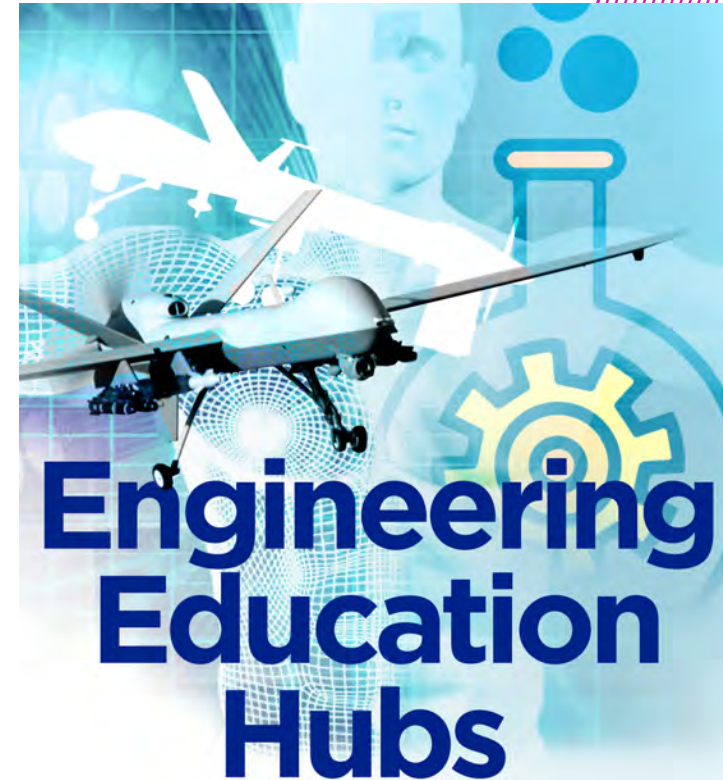
Miami Sunset SHS, North Miami SHS, and Booker T. Washington SHS

## WHY

The Engineering Education Hubs will expand program offerings in the field of engineering across the District.

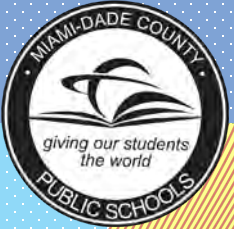
## WHEN

2021-2022 School Year



Miami Sunset SHS  
North Miami SHS  
Booker T. Washington SHS

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Multi-Lingual Studies Preparatory Academy

## WHAT

The Multi-Lingual Studies Preparatory Academy offers students educational excellence in Spanish or French and programming languages in grades K-8. Students will develop their bilingual and biliterate proficiency in one chosen language (Spanish or French) as well as computer languages that include block coding, JavaScript, and Python.

## WHERE

Coral Way K-8 Center

## WHY

This program will expand language-based magnet program offerings in M-DCPS. As global markets become more integrated, there is an increased need to have bilinguals who can conduct business and work in them. Those who learn a second or third language from a young age are able to develop stronger communication skills that make them more competitive for the workforce.

## WHEN

2021-2022 School Year

## Multi-Lingual Studies Preparatory Academy



Coral Way K-8 Center

# P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021

# Science, Technology, and Arts (STArts)

## WHAT

M-DPCS is expanding Magnet options at the elementary level through the creation of Science, Technology, and Arts (STArts) programs at Frances S. Tucker ES and Hubert O. Sibley K-8. Students at both schools will engage in specific strands related to the study of Space, Sea, Land, & Arts integration. As school-wide Magnet programs, both boundary students and Magnet applicants will engage in these programs designed to foster ingenuity, critical thinking, problem-solving, and creative expression. These programs will provide a strong foundation that will seamlessly articulate into similarly themed STEM and Arts Magnet middle and high schools.

## WHERE

Frances S. Tucker ES and Hubert O. Sibley K-8 Center

## WHY

The expansion of elementary magnet options allows students to begin developing 21<sup>st</sup> Century skills at an earlier age. Students will engage in inquiry-based and problem-based learning, design thinking strategies, computer-supported collaborative learning, and place-based learning at partner sites that prepare them for future success.

## WHEN

2021-2022 School Year

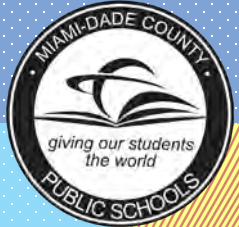
## Science, Technology, and Arts (STArts)



**STArts**

**Frances S. Tucker ES  
Hubert O. Sibley K-8 Center**

P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

**maps**  
2021

# Teens for Food Justice

## WHAT

M-DCPS will partner with Teens for Food Justice (TFFJ) to help students develop sustainable practices with a focus on hydroponic farming and food justice education. Students will champion food justice issues, and their communities will benefit from fresh food that is grown locally at school farms. Students will operate fresh produce markets and lead cooking demonstrations while continuously raising awareness about healthy food options. Through this initiative, a food forest will be available at the new Ammons Middle as well as other future new facilities. Richmond Heights Middle and John F. Kennedy Middle will each feature a hydroponics lab where students will grow fresh produce.

## WHERE

Ammons MS, Richmond Heights MS, and John F. Kennedy MS

## WHY

Teens for Food Justice will help students build competencies and skills in STEM fields, including hydroponic systems technologies, urban agricultural engineering, plant biology/chemistry, physics of indoor growing, data collection & tracking, and indoor agriculture as a food scarcity solution.

## WHEN

2021-2022 School Year

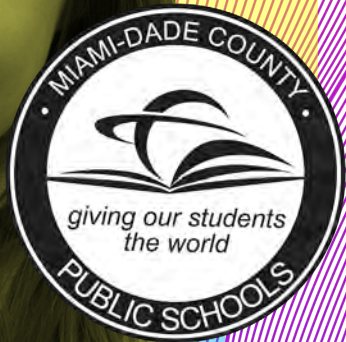


P1



RELEVANT, RIGOROUS, & INNOVATIVE ACADEMICS

maps 2021



# Pillar II Safe, Healthy, & Supportive Learning Environments

# Breathe Clean

## WHAT

Through the Breathe Clean initiative, air quality improvement devices will be added to existing and new HVAC equipment throughout the District to improve indoor air quality. This equipment will remove pathogens such as viruses or bacteria from the air.

## WHY

Indoor air quality impacts students' overall health, which in turn directly affects their ability to thoroughly engage in the learning process and succeed academically.

## WHEN

2021-2022 School Year

# P2



**maps**  
2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS

# TALENTS

## Tailoring Academic Learning and Enrichment to Nurture True Success

### WHAT

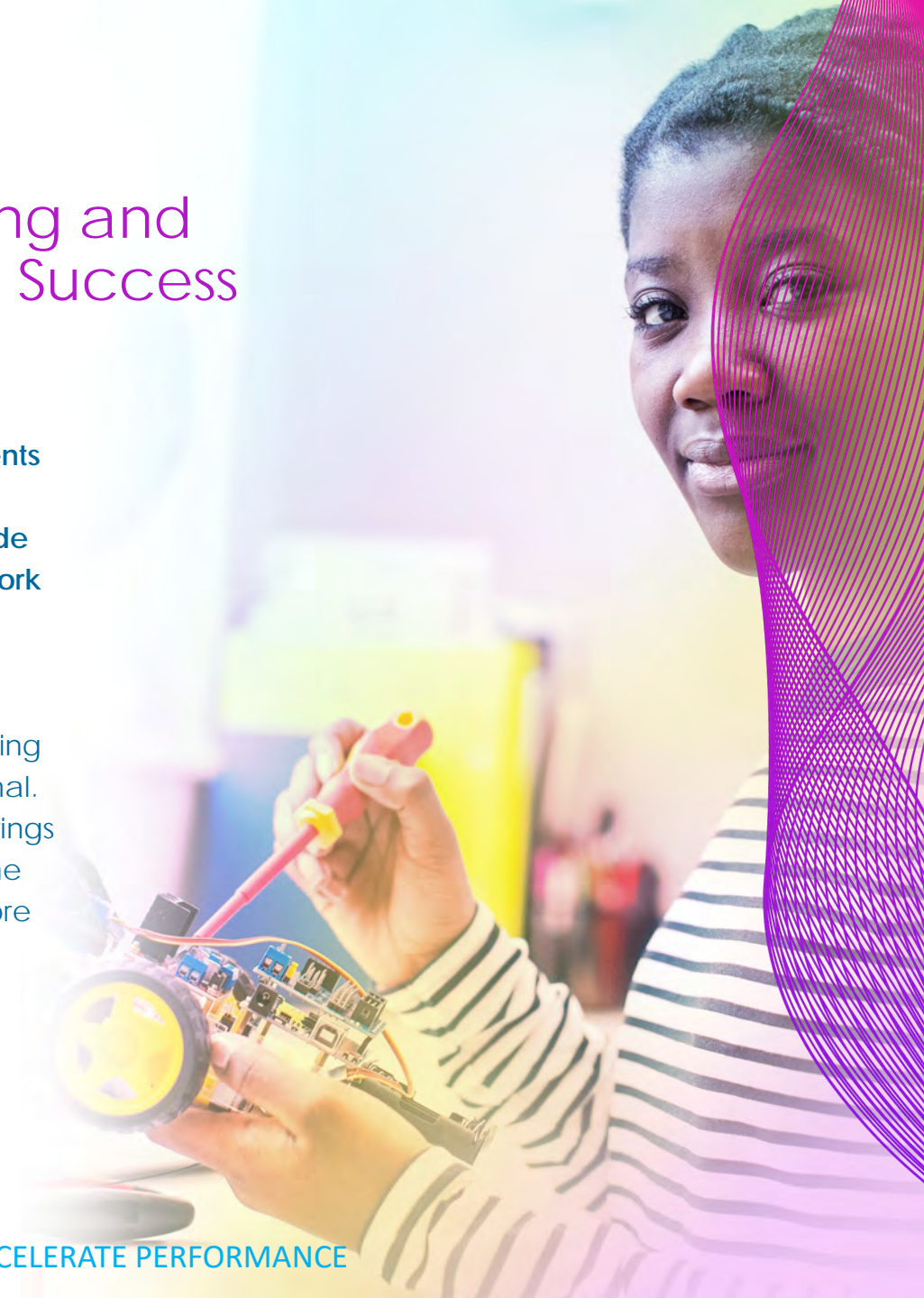
TALENTS is an expansion of afterschool academic enrichment opportunities to provide support for students to explore their passions and develop their strengths. Examples of program opportunities for students include intensive interventions, enrichment activities, homework assistance, and social-emotional learning.

### WHY

Afterschool programming plays a vital role in supporting overall student success – both academic and personal. TALENTS will increase access to various program offerings that will build on what students are learning during the school day and afford them the opportunity to explore specific areas of interest.

### WHEN

2021-2022 School Year



# P2



# maps 2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS

# Faith In Partners

## WHAT

M-DCPS will augment its afterschool program offerings by leveraging faith-based organizations within the community and give them access to District facilities to provide students with mentoring, tutoring, and other enrichment opportunities, as well as sponsor religious clubs and activities in accordance with state and federal laws.

## WHY

This initiative will strengthen community connections and enhance the afterschool program options available to students and families across M-DCPS. In turn, this will afford students increased opportunities to further explore their interests and receive support from faith-based and community-based organizations.

## WHEN

2021-2022 School Year

# Counsel 305: The Heart of Education

## WHAT

Counsel 305: The Heart of Education will provide enhanced counseling services at every school site. Each school will have one additional counseling position allocated to hire either a school counselor or TRUST counselor. This school-based counseling professional will be fully released to provide counseling prevention, intervention, referral, and follow-up services to students and their families.

## WHO

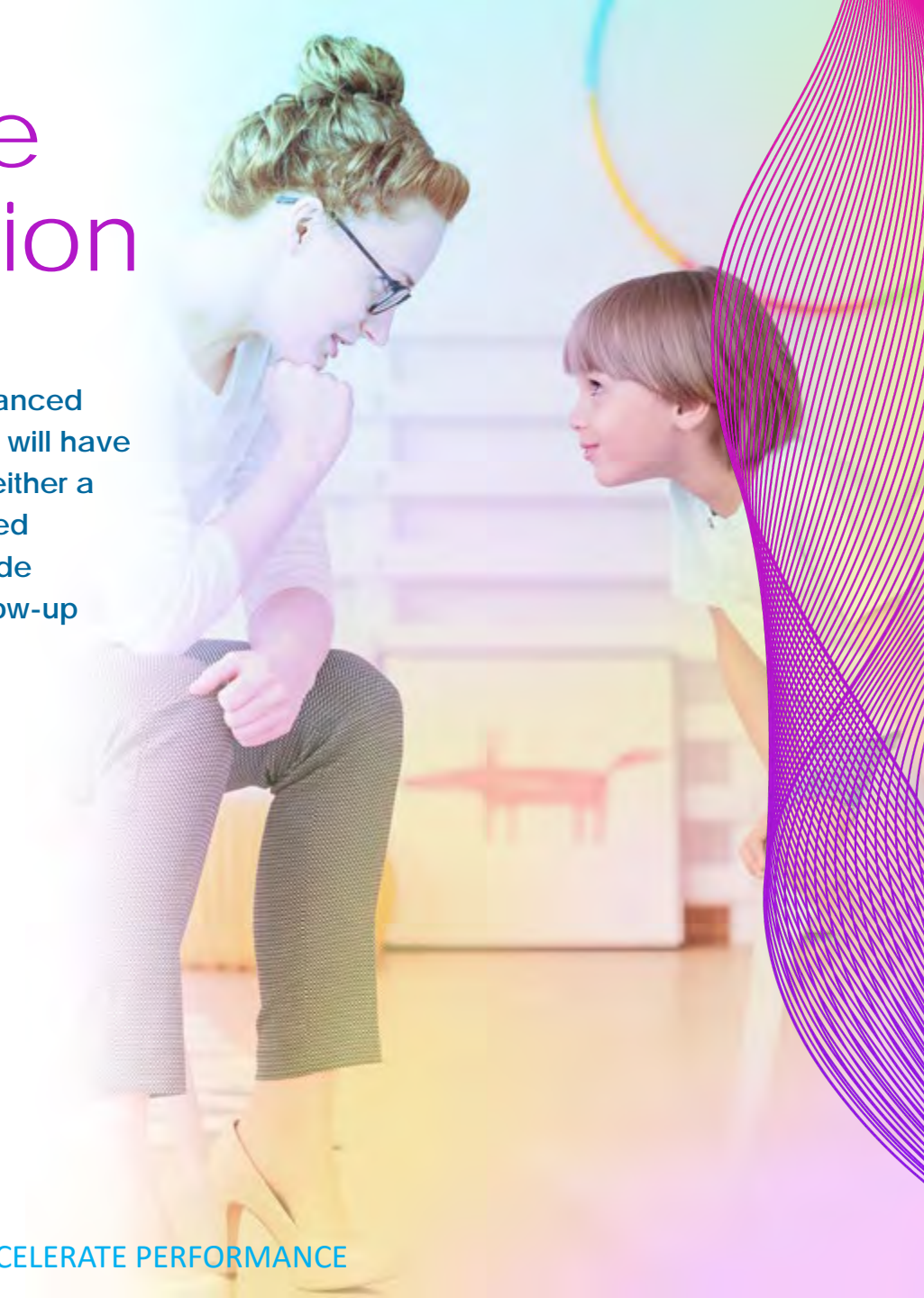
All schools

## WHY

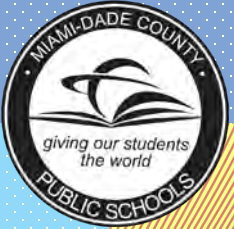
Providing greater access to school-site counseling services for students and their families will support students' emotional health and enhance their overall well-being.

## WHEN

2021-2022 School Year



# P2



# maps 2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS

# Healthy Thinking

## WHAT

Healthy Thinking will provide enhanced social, emotional, and mental health support to schools based on students' needs following the COVID-19 pandemic. An additional 25 mental health coordinators will provide wraparound services for students who may be experiencing serious mental health or behavioral challenges. Site-based activities, including programs and trainings, will be elevated to help meet the needs of students, their families, and school staff.

## WHY

Increasing the number of mental health coordinators across the District helps ensure that students in need of Tier 2 and Tier 3 mental health support are receiving the services and assistance needed to improve their overall well-being.

## WHEN

2021-2022 School Year



# P2



# maps 2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS

# SEL Strong: Student Seminars and Roundtable Discussions

## WHAT

Through SEL Strong, students in grades 6-12 will have the opportunity to participate in seminars and roundtable discussions that raise awareness of and address a variety of topics related to social-emotional wellness. Topics include, but are not limited to, social isolation, difficulty reacclimating to school, loss of a loved one, substance abuse, and violence.

## WHO

All students in grades 6-12

## WHY

As students prepare to transition back to full in-person learning in 2021-2022, it is important to provide them the support and space needed to engage in important dialogue related to social-emotional wellness and mental health.

## WHEN

2021-2022 School Year



# P2



# maps 2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS

# Mindfulness Champions

## WHAT

In partnership with the Miami Heat, Florida Blue, and Mindful Kids Miami, each M-DCPS school has designated a Mindfulness Champion who will lead mindful practices and activities throughout their school.

## WHO

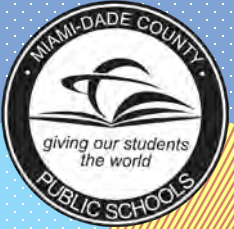
All schools

## WHY

This initiative will help students and staff strengthen their emotional resilience and promote feelings of well-being.

## WHEN

2021-2022 School Year



# Be Kind to Your Mind

## WHAT

Be Kind to Your Mind is an initiative designed to support the mental well-being of all employees through the partnership promoting the use of the Headspace app, which provides a wealth of resources for stress, anxiety, meditation, and more. The app also provides access to resources for K-12 teachers to integrate mindfulness in the classroom.

## WHO

Free for all M-DCPS employees

## WHY

Complementing the resources provided by the District's Well Way Program and the Employee Assistance Program, the Headspace app is an additional tool available to further support the physical, emotional, and mental health of M-DCPS employees both within and beyond school.

## WHEN

2021-2022 School Year

# M.A.S.T.E.R. Mind and Heart School Awards

## WHAT

The M.A.S.T.E.R. (Mental Awareness Success Takes Every Responsible) Mind and Heart School Awards is a recognition program designed to help further cultivate and support a positive and nurturing learning environment in every school.

## WHY

The M.A.S.T.E.R. Mind and Heart School Awards will further promote participation in social-emotional learning and mental health programs and initiatives across M-DCPS. Additionally, this recognition program will afford schools the opportunity to learn from one another as best practices in creating supportive environments for students are highlighted.

## WHEN

2021-2022 School Year



# P2



# maps 2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS

# Safety and Service First

## WHAT

To enhance the support provided to students on matters related to victimization and mental health, an additional mental health professional will be hired to facilitate the ongoing collaboration between the Department of Mental Health Services and the Miami-Dade Schools Police Department. This will help ensure students continue to receive follow-up care and will also allow for regular, on-going training on mental health and behavioral health topics for School Resource Officers.

## WHY

As students return to full in-person learning, it is important for School Resource Officers to receive additional training and support on youth mental health, de-escalation strategies, and student follow-up services. This additional resource, coupled with other SEL and mental health initiatives implemented across M-DCPS, will help support students' overall well-being.

## WHEN

2021-2022 School Year



# P2



# maps 2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS

# Junior Police Explorer Program

## WHAT

The Junior Police Explorer Program will offer students in grades 6-8 personal awareness of the criminal justice system while promoting personal growth through character development, respect for rule of law, physical fitness, good citizenship, and patriotism.

## WHO

Students in grades 6-8

## WHY

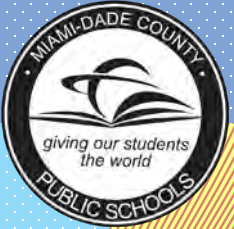
The Junior Police Explorer Program encourages career exploration in the middle school grades and provides students with mentoring experiences that build self-confidence and promote social development.

## WHEN

2021-2022 School Year



# P2



# maps 2021

SAFE, HEALTHY, & SUPPORTIVE  
LEARNING ENVIRONMENTS



# Pillar III Highly Effective Teachers, Leaders, & Staff

# LAUNCH – Leaders Attaining Understanding for New Central-office Hires

## WHAT

LAUNCH will afford District administrators early in their careers the opportunity to participate in a 1-year program to receive support, build capacity, and strengthen their leadership skills.

## WHY

LAUNCH will provide a network of support designed to assist early career District administrators in developing and achieving goals to improve employee effectiveness, increase participation in career ladder opportunities, and develop effective leaders of human capital management across M-DCPS.

## WHEN

2021-2022 School Year



# No Pride in Prejudice

## WHAT

The No Pride in Prejudice initiative will provide for District-wide turnkey training for support personnel employees with direct student contact on the rights of LGBTQIA+ students and employees.

## WHY

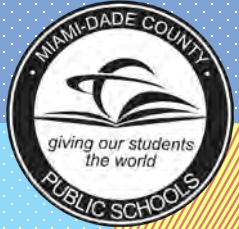
By providing guidance on how to sensitively engage with LGBTQIA+ students and employees, this training supports the provision of safe, healthy, and supportive learning environments that promote student achievement by fostering inclusive and equitable educational settings and worksites for students and staff.

## WHEN

2021-2022 School Year



# P3



HIGHLY EFFECTIVE TEACHERS, LEADERS & STAFF

**maps**  
2021

# Unlocking Diversity, Equity, and Inclusion

## WHAT

M-DCPS will leverage trained Equity Liaisons (Administrators) and Equity Champions of Professional Learning (Instructional Professionals) to provide a series of research-based professional development sessions related to Diversity, Equity, and Inclusion (DEI). Topics will include: Implicit vs. Explicit Bias; Microaggressions; Equity vs. Equality; Leading with Empathy; Social and Emotional Learning (SEL); and understanding how gender, socio-economic status, race, ethnicity, and disability bias impact teaching and learning.

## WHY

This initiative supports M-DCPS' efforts at promoting a sense of belonging among students and staff, as well as fostering an inclusive environment that values and effectively leverages diversity to improve the experience of our students, employees, and families.

## WHEN

2021-2022 School Year



# P3



HIGHLY EFFECTIVE TEACHERS, LEADERS & STAFF

# maps 2021

# Micro-credentialing CAMP

## Competency-based Attainment and Mastery Pathways

### WHAT

Through Micro-credentialing CAMP, M-DCPS will implement signature competency-based professional development programs with a specified curriculum that yields expertise, demonstrates mastery, and issues micro-credentials in areas such as Teacher Leadership; Mentoring and Induction, Instructional Coaching, Digital Innovation; Professional Learning; Leadership Development; Diversity, Equity, and Inclusion; and Support Personnel Training and Development.

### WHY

By developing micro-credentials for signature professional development programs that focus on critically important skills for our workforce, M-DCPS will help create pathways and enhance career lattice and ladder opportunities.

### WHEN

2021-2022 School Year

# Project REDI

## Recruiting, Empowering, and Developing Inclusive Male Teachers and Leaders

### WHAT

Project REDI is an initiative devoted to increasing and building the men of color educator talent pool. It is designed to recruit, engage, and provide program participants with Diversity, Equity, and Inclusion (DEI) professional learning activities, career guidance, and networking opportunities.

### WHY

Project REDI helps ensure the availability of a strong, diverse talent pool of teachers and leaders within M-DCPS.

### WHEN

Beginning August 2021



# Pillar IV

## Informed, Engaged, & Empowered Stakeholders

# Alumni 305

## WHAT

M-DCPS Alumni are valued ambassadors, not only for their alma mater but for M-DCPS and public education. Through an enhanced alumni relations effort, the District can provide a way for alumni to give back either through volunteering or financially; connect the organizations where alumni work with M-DCPS as partners; and build networks amongst alumni that strengthen our community's economic vitality.

## WHO

M-DCPS graduates

## WHY

Highlighting M-DCPS alumni success can influence stakeholders' perceptions of the value of an M-DCPS education, which in turn helps increase student enrollment. Through enhanced alumni relations and their engagement, partnerships that provide students with mentoring, internship experiences, and career opportunities can be expanded.

## WHEN

Launching January 2022



# P4



INFORMED, ENGAGED, & EMPOWERED STAKEHOLDERS

# maps 2021

# theHub@MDCPS

## WHAT

theHub@MDCPS is an online space to highlight personnel achievements and successes, share useful information, and provide a centralized location with the latest District news, employee video profiles, human interest stories, helpful links, and much more.

## WHO

Current and prospective M-DCPS employees

## WHY

Giving employees a better understanding of and a passion for their work enables them to live M-DCPS' vision in their day-to-day activities. This in turn continues giving our customers a positive experience and ensures M-DCPS remains an attractive workplace.

## WHEN

Launching August/September 2021



# P4



INFORMED, ENGAGED, & EMPOWERED STAKEHOLDERS

maps 2021

# Connect for Success

## WHAT

Connect for Success is an initiative that leverages a platform to allow for two-way communications between school and home. It will provide families with the ability to receive and respond to timely information regarding their child's attendance and academics via SMS, email, and phone as well as allow parents to connect with their child's teacher in their preferred language.

## WHO

M-DCPS parents/guardians, teachers, and administrators

## WHY

Research shows that students perform better in school and in life when their parents are engaged in their education, and a two-way communications platform is another step in building strong relationships between our educators and families with an emphasis on positive messaging.

## WHEN

2021-2022 School Year

# TPA LIVE

## WHAT

The Parent Academy (TPA) is a no-cost, year-round, parent engagement initiative that helps parents become full partners in their children's education. The virtual TPA LIVE platform will expand the depth and breadth of parent education offerings in three languages (English, Spanish, and Haitian-Creole) and support family engagement practices across the District with additional opportunities to strengthen families' capacity to support their children and connect with available District and community resources.

## WHO

M-DCPS parents/guardians

## WHY

By increasing access to live online workshops in multiple languages, M-DCPS families will be more informed, engaged, and empowered with the tools needed to best support their child's education.

## WHEN

2021-2022 School Year (Pilot & Development Year)



# P4



INFORMED, ENGAGED, & EMPOWERED STAKEHOLDERS

maps 2021



# Pillar V

## Effective & Sustainable Operational Practices

# Expansion of Employee Health Centers

## WHAT

M-DCPS will provide employees and their dependents with increased opportunities to access high-quality healthcare at a low cost by opening an additional Employee Health Center.

## WHY

An additional Employee Health Center will expand on-site healthcare options for employees. The increased convenience of accessing low-cost, high-quality healthcare at a nearby facility will promote employee well-being, which in turn will help the District keep its annual healthcare plan spend lower than other state and local governments' nationwide.

## WHEN

A new health center will open by June 2022

# Dismantle Disparity

## WHAT

Through the establishment of race- and gender-conscious goals, M-DCPS will effectively increase goods and services expenditures with minority- and women-owned businesses. The establishment of these goals, coupled with the expansion of the District's Champions of Change Program that recognizes administrators who utilize budgeted funds with certified firms, M-DCPS will further promote local, certified businesses and stimulate the local economy.

## WHY

This initiative will help eliminate disparity with African-American and Non-Minority Women vendors in M-DCPS' procurement of goods and services.

## WHEN

Beginning October 2021

# Reduce, Reuse, Recycle!

## WHAT

Reduce, Reuse, Recycle! will expand the District's recycling plan to include programming that educates students and staff on environmental stewardship.

## WHY

This initiative will empower M-DCPS stakeholders to engage in behaviors that help reduce the District's carbon footprint, save resources, prevent pollution, divert waste from landfills, and support public health.

## WHEN

2021-2022 School Year



P5



EFFECTIVE & SUSTAINABLE OPERATIONAL PRACTICES

maps 2021

# Construction Waste Recycling

## WHAT

Construction and demolition materials consist of debris generated during the construction/renovation of school facilities. M-DCPS will require contractors to sort and recycle construction waste materials, which will divert them from local landfills. The District will also increase efforts to salvage and reuse demolition materials where possible.

## WHY

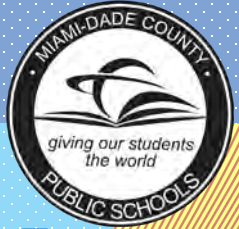
By increasing waste diversion in construction/renovation projects, M-DCPS will reduce the amount of waste in landfills and reduce its carbon footprint.

## WHEN

2021-2022 School Year



P5



EFFECTIVE & SUSTAINABLE OPERATIONAL PRACTICES

maps 2021

# Know Your Energy

## WHAT

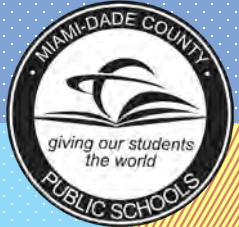
Through the implementation of EnergyCAP, an energy management and accounting software that facilitates the District's tracking, management, processing, reporting, benchmarking, and analysis of energy bills, M-DCPS will identify and pursue additional energy savings opportunities.

## WHY

Understanding the District's energy use will enable staff to reduce its overall consumption. Additionally, the data that is available through EnergyCAP will help with the monitoring of resources and expenditures.

## WHEN

2021-2022 School Year



# In With The New – GOB

## WHAT

M-DCPS continues to promote 21<sup>st</sup> century learning by providing students with access to state-of-the-art, 21<sup>st</sup> century facilities. These new construction projects provide safe and healthy learning environments that support our nationally ranked educational programs.

## WHERE

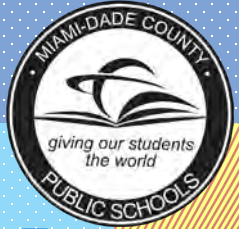
- Ammons Middle School
- MAST @ FIU Biscayne Bay Campus
- New elementary school located at SW 157<sup>th</sup> Avenue & SW 174<sup>th</sup> Street
- New school facility for grades 6-8 at Southside Elementary School

## WHEN

2021-2022 School Year



# P5



EFFECTIVE & SUSTAINABLE OPERATIONAL PRACTICES

# maps

2021

# Same Place, New Space

## WHAT

By renovating and remodeling existing campuses and enhancing them with new building additions, M-DCPS continues to provide inviting, inspiring spaces for students and teachers.

## WHERE

- Biscayne Gardens Elementary/Thomas Jefferson Middle
- Comstock Elementary
- Coral Gables Senior
- Miami Palmetto Senior
- Palm Springs North Elementary

## WHEN

2021-2022 School Year

# Facilities Reimagined

## WHAT

M-DCPS will proactively assess all facilities for efficient utilization using comprehensive criteria that consider District and community needs to identify potential opportunities to repurpose existing facilities and deliver new state-of-the-art facilities.

## WHY

By assessing the utilization of facilities and aligning future capital projects with community needs, M-DCPS is maximizing the use of its resources.

## WHEN

2021-2022 School Year

# Supercharging the Network - Network Bandwidth Expansion

## WHAT

Supercharging the Network will facilitate the buildout of the District's network infrastructure to support 100GB of Internet traffic from the existing 40GB.

## WHO

Users of the District's network within our facilities will realize the improved speed as they work, teach, and learn.

## WHY

This initiative will support the constantly expanding use of Wi-Fi, digital content, streaming services, eSports, cloud solutions, online security solutions, connected buildings, and the growing use of IoT devices.

## WHEN

December 2021



# P5



EFFECTIVE & SUSTAINABLE OPERATIONAL PRACTICES

# maps 2021

# Sign On Cyber Safe Improving Security Related to User Authentication

## WHAT

Through this initiative, M-DCPS will enhance and apply stricter identity controls to better protect students, staff, and the District's network infrastructure.

## WHO

Students, Staff, and District Leaders

## WHY

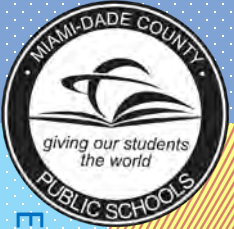
Requiring complex student passwords at specific grade levels, as well as additional verification for staff, will prevent unauthorized access to District data.

## WHEN

June 2022



# P5



EFFECTIVE & SUSTAINABLE OPERATIONAL PRACTICES

# maps 2021

