

Ms. Luisa Santos, Board Member

SUBJECT: EQUITABLE DIGITAL EXPERIENCE FRAMEWORK UPDATE

COMMITTEE: ACADEMICS, INNOVATION, EVALUATION & TECHNOLOGY

LINK TO STRATEGIC PLAN: RELEVANT, RIGOROUS, AND INNOVATIVE ACADEMICS

At the School Board Meeting of October 20, 2021, the School Board unanimously approved School Board Agenda Item H-8 (Revised), *Addressing the Digital Divide through the Equitable Digital Experience Framework*. The *Equitable Digital Experience Framework* has four pillars:

1. **Reliable Internet Connectivity:** Students and staff must have access to fast and reliable wireless internet connection throughout the community and at school.
2. **Capable Devices and Technology:** Devices and technology must be able to handle the modern student and workforce workload.
3. **Digital Literacy:** A curriculum embedded throughout grades K- 12 that prepares students, teachers, and families to actively interact with and ultimately create digital texts, tools, and spaces to facilitate 21st century learning.
4. **Establishing Technology Career Pathways:** Accessible industry partnerships, career focused curriculum, and workplace opportunities with the tech industry in our county.

In order to advance this framework, the item directed the Superintendent to conduct various analyses on the state of the M-DCPS network, school bandwidth, and status of student devices and present all related outcomes at a Board workshop. Since the presentation of this material at the School Board workshop on March 30, 2022, M-DCPS' digital landscape has continued to evolve. Staff has conducted additional detailed analysis, created a live device dashboard, procured additional technology, and made significant investments to comprehensively implement the Board's vision.

This item seeks to direct the Superintendent to conduct a Board workshop no later than March 31, 2023 to provide the School Board with an update one year later. This update will guide future efforts in implementing the Equitable Digital Experience Framework and provide an opportunity for newly elected School Board Members to receive an overview of our technology landscape.

H-10

This item has been reviewed and approved by the Office of the General Counsel as to form and legal sufficiency.

**ACTION PROPOSED BY
MS. LUISA SANTOS:**

That The School Board of Miami-Dade County, Florida, reaffirm its commitment to addressing the digital divide and implementing the “Equitable Digital Experience Framework” by directing the Superintendent to:

1. Provide updated data on classroom technology including but not limited to staff laptops, desktops, instructional mobile devices, interactive panels, and HyFlex classrooms.
2. Provide an updated analysis of the current state of the M-DCPS network including but not limited to bandwidth upgrades, wireless hardware, network routers, uninterrupted power supply units, network switches, and Voice Over IP systems.
3. Provide an update on bandwidth usage by work location and trends.
4. Provide an updated calculation of necessary long-term regular financial investments for ongoing upgrades and necessary replenishments of technology infrastructure (e.g., 25% student device refresh every year for full turnover every four years)
5. Present all of the updates above at a School Board workshop to be scheduled no later than March 31, 2023.