Montclair Public Schools

All Kids Can Learn, All Kids Are Special

Technology Update

November 10, 2021
Mr. Christopher Graber
Director of Technology

MONTCLAIR PUBLIC SCHOOL DISTRICT

GOAL #1: INFRASTRUCTURE - All MPSD staff and students will have access to a robust and comprehensive infrastructure to maximize administrative productivity and technology's educational benefit for anywhere, anytime learning.

GOAL #3A Teaching and Learning -Instruction

- Launch of our district wide 1:1 Chromebook Initiative – Grades K-12
  - A little over 6000 Chromebooks have been distributed this year
  - Purchase of accidental damage by the district
  - Safety / Security – Filtering – CIPA Compliance

- Digital Divide – Connectivity – Comcast Internet Essentials Program
  - Currently have over 20 families enrolled
  - Program is active

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GOAL #3A Teaching and Learning –Instruction – Continued….

- Utilizing awarded funds from the Emergency Connectivity Fund (Round 1) for at home/ distance learning.

- The district was awarded up to 1.85 million for additional broadband Internet / Devices
  -The award is only for staff and students who do not have adequate Internet service at home or a device at home for distance learning
  -Surveys will be coming out in December

Break Down of Award

STAFF -**900 Devices (TBD)** x @ $400 per device -**$360,000**
STUDENTS – Touch Devices - **300 x HP 11 G8** @ $395 per device -**$118,500**
STUDENTS -**3500 HP 11 G8** @ $389 per device - **$1,361,500**
STUDENTS- **30 Apple iPads** @ $400 per device - **$12,000**

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GOAL #1: INFRASTRUCTURE Cont.

- Internet upgrade from 1 GB – 3 GB

- Migration of several of our servers to the cloud with back up security

- Nightly back ups of our data / server upgrades

- Upcoming migration of Microsoft Exchange email   (name@Microsoft.k12.nj.us) to Microsoft Office 365 (Cloud)

- New and improved imaging solution for our Apple computers (Primarily teachers and labs)

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GOAL #4: TECHNOLOGY IMPROVEMENT, EVALUATION AND EXTERNAL SUPPORT: At all levels, MPSD will assess and evaluate technology use within a system to ensure continual improvement and progress toward the district vision.

- - Aggressive Plan to address Access Point and Network switch upgrades
  -Currently have nearly 500 Access Points approaching end of life support
  -New upgrades to our core switches / existing switches –159 switches soon to be approaching end of life support
  -Upgrade to a new Firewall
  -New Antivirus endpoint solution

- Plan to work with our e-rate consultant and Business Office to develop a plan for acquiring infrastructure hardware to better support teaching and learning

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