

MTPS Vision for Increased Technology Opportunities 2019-2022

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DRAFT!

District Vision: Moorestown Township Public Schools students will be ethical, curious, innovative, and productive citizens who have the resiliency and the courage to be difference-makers who shape their futures, build diverse relationships and perspectives, and lead fulfilling lives.

GOALS

Goal 1: Students engage in reasoning and **collaborative problem solving** related to authentic local, state, national, and global issues while ethically and appropriately incorporating new technologies and instructional tools appropriate to such tasks.

Goal 2: Staff design, implement, and assess learning experiences to **engage students and improve learning**; enrich professional practice, and provide positive models for students, colleagues, and the community.

Goal 3: MTPS provides **consistent and appropriate access to technology** for students, teachers, and administrators to be utilized for instructional and administrative purposes in all learning environments.

Goal 4: MTPS establishes and maintains the technology infrastructure and resources to **support and ensure integration of technology** within the curricular goals of the district.

Plan for the increase of interactive outcomes over time, year-by-year:

16-19 Year 3 (2018-2019 SCHOOL YEAR)

Curriculum & Instruction

- Develop technology integration goals by Grade-Level/Departments that link to teacher PDP's
- Continued cultural shift/natural integration of technology in the classroom
- Encourage software shift from installed software to online versions or alternatives
- Continue movement toward electronic textbooks and other digital resources
- Continued instructional support for students and staff

Instructional Tools to Support Curriculum & Instruction

- K-8
 - o Maintain existing technology levels
- K-3
 - o Pilot iPads and AppleTV in 1 Grade 1 room per school. Work with Apple trainer.
- 4-6
 - o Grade 4, 5 transitional model: Similar to K-3 model, with additional classroom sets for 1:1 classroom opportunities
- 9-12
 - o Offer BYOD for Grade 12 students - supplement BYOD with 1-to-1 devices as needed
- K-12
 - o Continue transition to Windows 10
 - o Continued support for students in need of home access – particularly at the 1:1 grades
 - o Explore creating Maker Spaces/Innovation Labs throughout schools

PD

- Next level Google Trainings (Classroom, etc.)
- SAMR Training/ Blooms tie-in
- Content/Department Specific Training

Infrastructure

- Continued help desk in UES, WAMS, MHS
- IT Service Management implementation

19-22 Year 1 (2019-2020 SCHOOL YEAR)

Curriculum & Instruction

- Implement World Class Learner strategic plan action steps Year 1
- Develop technology integration goals by Grade-Level/Departments that link to teacher PDP's
- Continued cultural shift/natural integration of technology in the classroom
- Create "Peer Tech Support" opportunity or other tech electives for students at 9-12 level
- Encourage software shift from installed software to online versions or alternatives
- Continue toward electronic textbooks and other digital resources
- Continued instructional support for students and staff

Instructional Tools to Support Curriculum & Instruction

- K-3
 - o Expand/update available iPads, Chromebooks, laptops
 - o Pool of devices dedicated for SpEd use instead of borrowing from full-class carts as well as larger sub laptop pool.
 - o Replace staff laptops K-6
 - o Deploy AppleTV's to select classrooms for iPad casting
- 4-6
 - o Achieve 1-to-1 devices across school
 - o Replace staff laptops K-6
 - o Replace Lenovo student laptops with recycled newer laptops
- 7-12
 - o Create Innovation Labs at WAMS and MHS
 - o Investigate using Chromebooks at WAMS for next year.
- K-12
 - o Eliminate Windows 7 (by January 2020)
 - o Continued support for students in need of home access
 - o Expand on Maker Spaces/Innovation Labs at K-6 levels
 - o Replacement of NetOp software with another product
 - o Consolidate printers per Printing Efficiency Plan

PD

- Next level Google Trainings (Classroom, etc.)
- Innovation lab options/usage training
- Content/Department Specific Training
- Integration of technology for transformational learning
- New classroom management software replacing NetOp
- Tech committee members to attend ISTE, share what they learn
- Introduce building-level "tech talk" recurring informal PD sessions

Infrastructure

- New district-wide firewall/web filter integrated device
- Upgrade Exchange 2010 to Exchange 2019
- Eliminate Windows 2008/2008R2 (By January 2020)

19-22 Year 2 (2020-2021 SCHOOL YEAR)

Curriculum & Instruction

- Implement WCL strategic plan action steps Year 2
- Develop technology integration goals by Grade-Level/Departments that link to teacher PDP's
- Continued cultural shift/natural integration of technology in the classroom
- Continue/expand "Peer Tech Support" for WAMS/UES students
- Start to require software shift from installed software to online versions or alternatives
- Continue toward electronic textbooks and other digital resources
- Continued instructional support for students and staff
- Work towards redefining curricular products using the given tools in the innovation labs

Instructional Tools to Support Curriculum & Instruction

- K-3
 - o Maintain devices at the K-3 level and add as appropriate
 - o Have other device platforms available for occasional specific tasks/lessons (e.g. iPads available for grades with Chromebooks)
 - o Remaining classrooms outfitted with casting capabilities from varied student devices
 - o Apps for iPads
- 4-8
 - o Replace last year's recycled laptops with Chromebooks
 - o WAMS: Based on research, replace 1-to-1 with Chromebooks?
- K-12
 - o Finish transition to Windows 10
 - o Continued support for students in need of home access
 - o Discontinue replacing classroom inkjet printers

PD

- Next level Google Trainings (Classroom, etc.)
- Content/Department Specific Training
- Integration of technology for transformational learning
- Innovation lab technologies
- Sessions with Tech integration specialist

Infrastructure

- Server farm hardware replacement
- Telephone system upgrade/replacement

19-22 Year 3 (2021-2022 SCHOOL YEAR)

Curriculum & Instruction

- Implement WCL strategic plan action steps Year 3
- Develop technology integration goals by Grade-Level/Departments that link to teacher PDP's
- Continued cultural shift/natural integration of technology in the classroom
- Continue "Peer Tech Support"
- Complete software shift from installed software to online versions or alternatives
- Continue toward electronic textbooks and other digital resources
- Continued instructional support for students and staff
- Continue redefining curricular products using the given tools in the innovation labs

Instructional Tools to Support Curriculum & Instruction

- K-12
 - o Maintain technology replacement cycles
 - o Continued support for students in need of home access.

PD

- Next level Google Trainings (Classroom, etc.)
- Content/Department Specific Training
- Integration of technology for transformational learning
- Sessions with Tech integration specialist

Infrastructure

- Additional/upgraded wireless access points (50%)
- New Wireless Controller
- Admin building core switch stack replacement