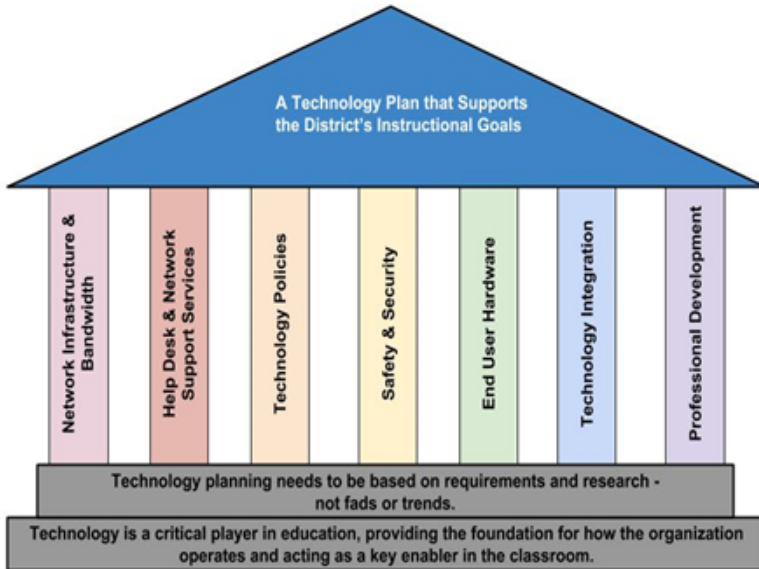# MCPS Technology Guide

Building On Excellence To Exceed Community Expectations...To Be The Best

7 Pillars - MCPS Tech Plan Framework

PowerSchool

Students in grades 6-12 access academic records (grades, attendance, and schedule) using PowerSchool.

https://www.madisoncounty.powerschool.com/public

iPads

iPads are used throughout grades PK-12, though heavily utilized in grades PK-2 for educational purposes.

Google

Chromebooks

Students in grades 3-12 have access to Chromebooks for educational purposes.

Students use Chromebooks to access and complete course assignments, collaborate on projects, participate in discussions, and access learning applications.

Student responsibilities regarding the Chromebook are outlined in the Acceptable Computer System Use Agreement (GAB-R/ IIBEA-R, GAB/IIBEA, & GAB-E1/IIBEA-E2).

G-Suite

Grades K-2 have a Google account created, but do not have access to email accounts.

Grades 3-12 have access to all MCPS-approved Google applications, including email. Email is monitored by firewall and web filtering applications to ensure student digital safety.

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Online Applications and Programs

Below is a list of the core programs and applications used throughout MCPS. This list changes daily, but all software and programs are vetted by MCPS staff to ensure child safety and educational effectiveness. If you have any questions or concerns, please contact technology department.

 - ABC Mouse
 - Apex Learning
 - Compass Learning
 - Destiny (Follett)
 - Google Suite
 - IXL Math
 - Kahoot!
 - Naviance
 - No Red Ink
 - NWEA Map
 - PALs
 - PowerSchool AA
 - Reflex Math
 - Reading Plus
 - Sketchup
 - WIDA

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MCPS 7-Pillar Framework

Network Infrastructure and Bandwidth: Network infrastructure and bandwidth have become absolutely essential to the success of educational institutions. In order for Madison to continue to be successful in its educational goals, network infrastructure and bandwidth must continually be addressed in a predictable and forward thinking manner.

Help Desk and Network Support Services: To continue providing technology-related services, there have to be support services in place that can enable and maintain critical capabilities. This support goes beyond just the infrastructure, extending into the classroom and business operations where support is critical to the successful integration of technology.

Technology Policies: With a constantly and rapidly changing technology landscape, we must continue to establish, maintain, and update effective technology policies that address technology management, lifecycle replacement, network use and access (to include social media and online behavior), disaster recovery, records management and retention, security procedures, and communications policies. Effective policies will continue to provide the district with a framework for how each element of the technology enterprise is managed.

Safety and Security: Physical safety and security are of prime importance to Madison County Public Schools. In order to provide the safest and most secure environment possible for our students, we will continue to plan for, program, and implement the most effective security measures within our school district.

End User Hardware: User hardware is important in an instructional setting, as it allows the district to not only meet state mandates, but more importantly engage students in meaningful learning. Accordingly, MCPS will maintain a set of end user hardware that is capable of meeting the district's instructional goals.

Technology Integration: Technology integration is an often overlooked element within a technology plan. In order to ensure that technology is developmentally appropriate, will aid in the accomplishment of instructional goals, and will be integrated seamlessly in the classroom, there has to be a focus on evaluating, cataloging, and providing available technologies to improve teaching and learning.

Professional Development: Another element often overlooked is effective professional development for faculty and staff on the integration and use of technology. In order for the district to achieve its instructional goals, we will provide continual training, support, and staff development based on data analysis and best practices to ensure the most effective utilization of technology within schools.

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For further information, please contact Sam Utz, Director of Technology, at 540.948.3780 or samutz@madisonschools.k12.va.us 8

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