Technology Department
January 2025

Director

Implemented Managed Methods for Security

We've introduced a new system called Managed Methods to enhance online safety at school. This system continuously monitors all emails and documents within our Google Workspace, acting like a watchful eye. It can identify and flag potential risks, such as emails or files containing sensitive information like personal data, medical records, or signs of bullying, threats, or self-harm. When the system detects a potential issue, it immediately alerts school staff, allowing for quick and effective responses. The system can even automatically remove harmful emails from student inboxes based on specific criteria, which is particularly helpful in quickly stopping the spread of phishing emails that can trick students into sharing personal information. By implementing Managed Methods, we're taking a proactive step to create a safer online learning environment for all students.

Fiber Run for the new High School

To ensure a smooth transition for the new high school, we've meticulously planned the installation of high-speed internet. We're working closely with key partners, including Region 20, Zayo, AGCM, and Bartlett Cocke, to create a detailed timeline for the installation and testing of all necessary security systems and network infrastructure. This collaborative effort will guarantee that all technology is fully operational and tested well in advance of the planned opening date in January 2026. This proactive approach will help minimize any potential delays and ensure that the new high school can open its doors as scheduled, providing students and staff with a seamless and technology-rich learning environment.

Intermediate Panels

The Intermediate School is set to receive 10 new Promethean interactive panels. This decision was made to transition away from Cleartough due to their consistently rising prices with each order. Promethean has provided us with a strong assurance that the current price we are paying will remain the same or potentially decrease until the end of the product's lifecycle. These panels represent the latest technology offered by Promethean, ensuring that future purchases will utilize the same model and technology for consistency and long-term compatibility. Over the next three years, these panels will be gradually installed throughout the Intermediate School. Furthermore, they are also designated for installation in the new High School upon the completion of its construction.

2025-2026 ERATE

The district submitted a request for all networking equipment for the new High School through this year's E-rate budget application. This request specifically included the option to have the chosen vendor handle

the installation and configuration of the hardware. This proactive approach aims to guarantee that all network systems are fully installed and operational before the new building welcomes students and staff, ensuring a smooth and efficient start to the school year.

Systems Administrator

- Worked with Region 20 to resolve Ascender export issues with Classlink.
- Updated rosters and validated data for NWEA MAP testing.
- Implemented separate Windows accounts for technology staff, creating standard user and admin profiles to enhance security and improve admin event tracking.
- Set up ManagedMethods to improve email security and strengthen threat response capabilities.
- Forced 2-Factor Authentication for staff and enhanced password security for students, while assisting users with the setup of their new security implementations.

Network Administrator

- Completed network closet layout planning for the new high school, ensuring an organized and efficient setup to support the campus's technological needs.
- Installed a dedicated fiber optic connection to the Transportation Office, significantly enhancing network stability and reliability.
- Established a secondary WAN connection to the Network Operations Center (GVEC Fiber) to enable load balancing and provide failover protection in case of a primary WAN (Zayo Fiber) outage.
- Continued refining gateway and firewall configurations to optimize network stability and improve overall performance across the district.
- Resolved Guest WiFi connectivity issues across all campuses, ensuring consistent and reliable access for visitors and guests.

Technicians

- A total of 236 technology support tickets were successfully closed this month, reflecting a continued effort to address and resolve issues in a timely manner.
- We have completed the imaging process for 96 staff devices, ensuring they are fully configured and ready for distribution.
- We have purchased 65 docking monitors, which will be deployed to enhance the functionality and productivity of new staff devices.