Technology Department

Listed are <u>some</u> of the duties and projects we have handled for the month of August 2025...and a few others to note

In-house website redesign and implementation complete. Several hurdles and unknowns came about, but the site is fully functional. We are currently now working on re-applying content and files.

Preventive maintenance and connectivity testing done on all network hardware and peripherals, up to and including core router and firewall components.

Security access hardware inspections, maintenance and testing done.

Outdoor security camera inspections, testing, and cleaning done.

PA system inspections, testing, replacement done. 3 outdoor horn speakers need replacing.

Classroom hardware inspection/testing/cleaning started (PC's, projectors, doc cameras, printers, peripherals)

Wireless PtP hardware inspections and connectivity tests. (DAEP, football/baseball fields, bus barn). Replaced DAEP radio equipment. Bus barn radio antenna needs replacing, they are currently functioning off of a hotspot.

Network UPS battery backup hardware inspected. Internal battery packs replaced with stock inventory. Will continue after the purchase of additional packs and delivery.

Cable management at MDF locations ongoing. Will continue after supplies ordered and delivered.

Evaluated supply needs, reviewed renewals, and managed the budget accordingly.

Daily monitoring of our network infrastructure is essential to maintaining its integrity and performance. This includes tracking internet bandwidth usage and building-to-building throughput, managing WiFi traffic shaping to optimize coverage and speeds in targeted areas, and ensuring consistent uptime and monitoring of internet access, surveillance systems, security access controls, and the network phone system.

We also conduct daily oversight of our content filtering software deployed on all student Chromebooks. This involves monitoring site visits to verify that blacklisted websites remain blocked according to student group policies. As the filtering system was built from the ground up, we continuously update it by adding approved sites to the whitelist based on feedback from students and teachers. The same process applies to app management and approvals.

These points represent some of the primary areas of focus, but do not fully encompass the range of issues and repairs managed daily, including frequent Chromebook repairs and urgent staff support requests, many of which occur outside of our ticketing system.

Help desk tickets available upon request. Please note that due to timing and workload constraints, many support requests are not formally logged in the ticket system.

Michael Munoz – Technology Director