Technology Department

Listed are <u>some</u> of the duties and projects we have handled for the month of October 2025

Our only spare security cam was installed on tech building and configured within the Verkada Command dashboard. This provides coverage to a previously known blind spot. 2 additional Verkada cams are being purchased for indoor installation on each side of the cafeteria, which will replace the 2 existing cams still functioning on the old Avigilon system.

Setup new Secondary lunch check-out system on 4 iPads through our Raptor system. We added the VisitorSafe module add-on to our Raptor Visitor Management system and configured it only for 11th/12th grade student check out/in when leaving campus for lunch. This is helping with student tracking and accountability. This add-on module can also allow for Kiosk visitor check in/out via iPads if we so choose in the future.

Modified a years old laptop charging cart that had a faulty charging timer and made it usable again. ACE is now in possession and is actively using it to charge their set of 20 chromebooks that were assigned by technology.

In-house website redesign and implementation was completed in August and we are actively still applying and creating content on a daily basis.

Chromebook damages have increased this year and are becoming harder to repair, as such, inventory is becoming a concern. Extended support from Google was extended for our oldest model chromebooks by way of continued software/firmware updates through 2027, but the hardware for devices are physically starting to degrade, and these devices may not even make it that far. The initial chromebook refresh plan was pushed back due to these update, but we will need to begin replacing the entire fleet beginning next summer.

Preventive maintenance and connectivity testing done on all network hardware and peripherals, up to and including core router and firewall components and will remain an ongoing monthly duty.

Security access hardware inspections, maintenance and testing done and will remain an ongoing monthly duty.

Outdoor security camera inspections, testing, and cleaning done and will remain an ongoing monthly duty.

PA system inspections and testing done and will remain an ongoing duty. 3 outdoor horn speakers need replacing but completion date is unknown at this time.

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 are 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