

Technology Department

Board Report - September 19, 2023

Updates

Summer Progress:

- Starlink networks deployed at all sites (isp/firewall/router/switch/ap)
- New network deployed with ADMIN, STAFF, STUDENT and GUEST Wifi
- New network firewalls tested and functioning correctly
- Most networked devices switched to new network at all sites
- Connectivity between all sites established via Tailscale tunneling
- Starlink failover to GCI configured for (5/7) sites
- New MacBook Airs deployed for 8th grade
- New Chrombook's prepped for deployment to PA for influx of 1st Q
- Chromebooks & MacBooks prepared for students K-12
- iPads prepped for PreK(Awaiting assignment and then deployment)
- zSpace computers set up with licensed software
- (outdated)Chromebooks with Linux sent to Philippines via Randy Lenz
- Viewsonics in inventory deployed at most sites
- New headphones ordered and delivered to all sites for all students K-12

Testing/Digital Curriculum:

- Amplify completed roster and teachers given access
- NWEA MAPS Roster uploaded and teachers given access
- NWEA MAPS Application updated and pushed to Macbooks
- i-Ready Roster partially set up & finalizing some teacher access available
- IXL Rostering in progress

Security:

- Knowbe4 renewed implementation changes coming soon
- Outside Blink Cameras, majority set for installation during site visits
- Indoor cameras investigating and preparing for restoration of DVR
- Macbooks prepared with Jamf endpoint Protection
- Router level filtering for Ads/Adult Content/Violence/Drugs/Malware

Misc:

- New TNB Gym hanging speaker ready for install
- Revamp of TNB Speakers and AMPs awaiting hanging speaker install
- Investigating Creation Stations for sites (Music/Video/Code/3D Art+Print)

Tech Student:

- Helped finish latest shipment of Chromebooks to Philippines
- Researching Python programming for simple games
- Researching DIY Drone building/programming/FAA drone license

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