

Summer 2014 Tech Department Projects

As the end of the school year approaches, the tech department focus is on the upcoming summer break during which we aim to complete the projects below, pending approval through the budget process.

IT Tech Projects

- Intake and reconfiguration of '13-14 iPad loaners
- Configuration of new '14-15 iPads
- Configuration of Web Filter Global Proxy for '14-15 mobile device deployment
- Temescal network upgrade of switches and wifi
- Temescal bandwidth upgrade
- Temescal mobile device classroom carts
- Classroom teacher computer upgrades and deployment (XP and age issues)
- Non-classroom computer upgrades (memory and OS updates)
- Installation and configuration of Learning Lab Dept tech upgrades
- Installation and configuration of Acellus server at Temescal
- Main campus domain reorganization (adding all computers to the domain - many campus computers are plugged in but not domain joined which impacts filtering, permission and functionality)
- Installation of standardized virus protection
- Configuration and deployment of WSUS system
- Configuration and deployment of SolarWinds system
- Build and configuration of Mac server for Apple computer management
- Reconfiguration of campus computer labs for more secure access and stable student work environment
- Main campus upgrade completion (rooms dropped from the summer 2013 upgrade due to budget limits)
- Main campus upgrade expansion (additional wifi access points to expand network)
- Installation of ceiling mounted projection and sound systems in classrooms
- Reconfiguration of wifi to reduce noise and support additional devices
- Mercer Hall updates (projector mounted, box office configured)
- Pool cameras connected to Security camera system
- Security cameras Phase 2 expansion
- Google Apps for Education (configure and support)
- Collaborate with Database Manager (IC) to direct connect Infinite Campus with Schoology, Horizon and other school databases
- Secure and expand Mastery Manager system (currently running on one PC)
- Implement printer management system
- Complete campus inventory of classroom and non-classroom tech
- Implement inventory management system

- Updates to others system as needed (add/remove emails, update library server...)
- Reconnect classroom tech after summer room cleaning

Ed Tech Projects

- Facilitate staff professional development in core tech tools (Schoology, IC, iLife, iWorks, GAFE, AppleTV)
- Facilitate student workshops in core tech tools (Schoology, IC, iLife, iWorks, GAFE, AppleTV) and safe tech use
- Facilitate on-campus and off-campus parent meetings about technology at Pali (partner with PIQE, BSU, Village Nation)
- Develop and post student support documents for PCHS tech access and safe use
- Develop and post parent support documents for PCHS tech access and safe use
- Develop and post staff support documents for PCHS tech access and safe use
- Expand functionality and training on EMS system
- Collaborate with Mastery Manager team to develop support documentation
- Develop STEAM Shop curriculum resources for new STEAM Shop classes
- Define and articulate core student tech skills (grad requirements)
- Document current baseline of classroom tech use
- Develop 3 year plan to expand in classroom tech use to align with expected grad requirements of tech skills
- Partner with IT on intake and reconfiguration of '13-14 iPad loaners (align with mission)
- Partner with IT on configuration of new '14-15 iPads (align with mission)
- Partner with IT on Temescal mobile device classroom carts (align with mission)
- Partner with IT on Google Apps for Education (how to use in classroom)
- Collaborate with Finance team to develop customer friendly finance system and support materials for iPad Program
- Collaborate with Database Manager and Database Coordinator to direct connect Infinite Campus with Schoology; possible adding gradebook synch

Tech Team Trainings to schedule:

- JAMF Mobile Device Management
- Apple iOS Deployment training
- Barracuda Firewall, Filter, and Backup system review
- ShoreTel Phone System review
- AeroHive Wireless Network system review
- Google Apps for Education training
- EMS training