

2023 Bond Technology and Program Update

04/07/2025



2023 Bond Technology Update



2023 First Sale Technology Projects - Completed

Network and Infrastructure

- Data Center UPS
- Virtual Server Hardware (Phase 1)
- Enterprise Backup System

Safety/Security & Technology

- Security Camera Storage

Staff and Student Device Access

- Staff Macbooks
- Device Replacement Grades 1-3
- 1:X 4th Grade
- 1:X Grades 7-9 & 11-12
- Contracted Service for 24/25 Deployments



2023 First Sale Technology Projects - In Progress

Network and Infrastructure

- Classroom A/V Refresh SY 24-25
- WAN Fiber Ring Phase 2
- Data Center Fire Suppression System
- Secure DNS/DHCP System Refresh
- Wireless Network Upgrade (Controllers)
- Campus Sound and Paging SY 24-25

Safety/Security & Technology

- Cellular Distributed Antenna System
- Critical Communication Systems SY 24-25

Staff and Student Device Access

- Staff iPads
- Year 1 Program Specific 85%
- 1:X 4th Grade and 9th Grade
- Continued Residual Value/Fleet Management

Enterprise Applications

- Enterprise Resource Planning (ERP)



2023 First Sale Technology Projects - On Going /Future

Network and Infrastructure

- Classroom A/V Refresh SY 25-26
- Private LTE
- Network File Share Storage Refresh
- Campus Sound and Paging SY 25-26

Safety/Security & Technology

- Cyber Security Upgrades (Firewalls)
- Critical Communication Systems SY 25-26
- Expand Exterior Cameras and Support Network SY 24-25 & 25-26

Staff and Student Device Access

- Program Specific device refresh
- 4th and 9th Grade iPads
- Device Replacement Grades PK-K
- On residual value

Enterprise Applications

- ERP
 - Additional Module Implementations
- Student Information System
 - Staffing Needs



Questions for 2023 Bond?





2023 Bond Program Interest & Sinking Funds (I&S)

April 07, 2025 Board Work Session





Planning, Processes & Timelines: Technology Projects





2023 Bond First-Sale Expand Cameras and Support Network Project (SB07)

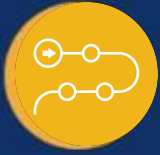


- This item is related to the expansion of exterior cameras and the network to support them. This includes cameras in parking lots, on the outside of buildings, cameras to cover athletic fields, etc. This is a Safety and Security Technology project.
- The project requires multiple Board approvals.
 - Step one was for engineering services and approved in October
 - Step two was for construction delivery method and approved in November
 - Step three is now for products and services - April Consent



2023 Bond First-Sale Program Specific Technology Device Replacements (TC01)

- This item is related to the refresh of Program Specific devices 5 years and older. These devices are needed due to curricular program or department needs which cannot be supported by an iPad.
- Many of our CTE Programs use PCs and currently can only run Windows 10, which is sunseting in October of 2025 and will no longer be supported
 - Some CTE programs being refreshed at the Career Centers
 - Engineering, AVP, Broadcast, welding, wood-working, Auto-collision, dental hygienist, cosmetology, gaming, animal science/vet tech, AG mechanic, forensics, HVAC, Cyber/Network, etc
- Other areas include Departments which need a computer
 - Central office staff, campus office staff, nurse, library media services, and SROs



2023 Bond First-Sale Technology Device Replacement: 4th and 9th Grade Student iPads (TC01)


- We will be bringing a recommendation to the Board to replace 4th and 9th grade iPads with Apple's newly released iPad - 11 inch
 - 4th grade 1:X iPads which will be issued and used for the next 5 years
 - 9th grade would be issued and used until graduation.
 - In an effort to divert from deploying massive student devices rollouts, moving forward, our intent is to replace iPads in only these 2 grade levels annually
- Residual value and repurpose
 - Devices collected from 9th graders will be used to manage the fleet of current and future 10th gen devices - grades PK-3, 5, 8, 10, and 12
 - Grades 6, 7, 11 have 9th gen iPads
 - Some of these devices may be included in our fall Apple Residual bid



Next Steps



Next Steps: April Consent Items

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- 2023 Bond First-Sale Expand Exterior Cameras and Support Network Project (SB07)
 - 2023 Bond First-Sale Technology Device Replacement: 4th and 9th Grade Student iPads (TC01)
 - 2023 Bond First-Sale Amendment to Engineering Firm for Private LTE Project (TB02)



Review Topics: May Discussion Items - Technology

- SIS Project Management and Project Staffing



Next Steps: May Consent Items - Technology

- 2023 Bond First-Sale Network File Share Storage Project (TB02)
- 2023 Bond First-Sale Cyber Security Upgrades (SB07)
- 2023 Bond First-Sale Program Specific Technology Device Replacements (TC01)
- 2023 Bond Amendment of CSP #3231-24 Cellular Distributed Antenna System



Thank You

