Plainview-Old Bethpage CSD
2016-2017

Office of Technology

February 22, 2016

Points of Pride

- ***1:1 Middle School Chromebook*** initiative to provide Grades 5/6 students and teachers ubiquitous access to digital learning tools required to succeed in the 21st century

- ***GAFE Platform*** on district domain to enable interactive technology enriched teaching and learning environments

- ***WiFi/Network Design*** to meet current and future wireless capacity and bandwidth access needs of students and teachers:
  - ***Middle Schools***: Installation of (1) new access point per classroom **completed**. New switch configurations, fiber, and electric required to support access points in progress.
    (Scheduled completion date: End of March 2016)
  - ***High School***: Installation of (1) new access point per classroom **completed**. Remaining upgrades required to support access points to be included in Smart Schools Bond Act funds
  - ***Elementary Schools***: Design in progress to be included in Smart Schools Bond Act funds

- ***District Instructional Technology Plan*** received NYSED approval as a prerequisite for Smart Schools Bond Act funding.

- ***HS Graphic Art Labs Adobe Creative Cloud*** software upgrades completed to provide student access to industry standard graphic arts software

- ***Read-180 Next Generation*** upgrades to provide access to adaptive technology reading instructional support resources for students

- ***e-Spark*** management and ***iPad*** implementation to provide *AIS/General Ed* students with access to data-driven individualized learning applications

- ***New Mobile Device Carts Grades K-12:***
  - **(10) POBJFKHS**
    - (7) Asus carts ***deployed***
    - (3) Chromebook Carts
      (scheduled for March delivery and distribution)
  - **(4) Middle Schools**
    - (2) Chromebook Carts delivered per school
      (delivery received distribution in progress)
  - **(12) Elementary Schools Grades 1-4**
    - (8) Asus carts ***deployed***
    - (4) Chromebook Carts – 1 per building
      (scheduled for March delivery)
  - **(2) Kindergarten Center**
    - (2) Chromebook Carts
      (scheduled for March delivery)

Technology

ACCOUNT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2016-2017 PROPOSED	Details
2630-250-41-00-00	Equipment	530,794	506,254	971,425	971,425	Document cameras, video conferencing/audio, interactive whiteboards, projectors/printers, mobile wireless devices, carts, network storage, security, appliance, LAN/WAN, UPS
2630-427-41-00-00	Contractual and Other	119,908	314,328	74,000	74,000	Warranties, Vmware, Network, specialized support and installation services/Tandberg Lote Lab
2630-460-41-00-00	Software	93,395	138,214	93,854	93,854	Districtwide instructional software
2630-460-59-00-00	Parochial Software	397	4,125	2,472	2,472	Software for Private/Parochial students
2630-506-41-00-00	Supplies - Computer	89,552	102,186	84,300	84,300	Printer supplies, memory, hard drives, projector bulbs
2630-525-41-00-00	Supplies - Parts	28,087	21,526	17,000	17,000	Repair/Parts for districtwide hardware and network infrastructure
		$862,133	$1,086,633	$1,243,051	$1,243,051	
			26.0%	14.4%	0.0%	

Budget Supports

- **Middle School 1:1 Initiative:**
  - Expansion of Chromebook Tablets for Grades 5 & 8

- **Flexible Budget for Mobile Device Carts/1:1/or Network Infrastructure:**
  - High School 1:1 Grade 9
  - Elementary- Grades K-4

- **K-12 Instructional Equipment Upgrades/Adds/Refresh**
  - Document and Video Conference Cameras
  - Printers
  - Scanners
  - Interactive Whiteboards
  - DLP Projectors

- Middle School Music Finale & Smart Music Software
- High School Tandberg World Language Lab Services
- District-wide LAN/WAN Network, firewall, security, VMware Virtualization, Disaster Recovery and File Storage capacity
- District-wide instructional software, parts, and tech supplies

District-wide Futuring

- **Smart Schools Bond Act**
  - Wireless Connectivity Upgrades
  - Network Switch/Fiber Upgrades
  - Wireless Access Point Upgrades
  - Planning/Response to Building Level Instructional Technology Initiatives

- **District BOND Referendum**
  - Network Architecture/Infrastructure
  - Network Electrical Upgrades
  - Network Redundancy Upgrades
  - Network Security Upgrades
  - Network Environmental Upgrades
  - Network MDF/IDF Restructuring
  - Network MDF/IDF Access Control
  - Disaster Recovery

POB Schools:
A Smart Investment

Thank You