

*Putnam Valley Technology
2017-2018*

*“Building a Foundation
for the Future”*

March 9, 2017

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2016-2017 Review



- Yearlong G-Suite Professional Development
 - Staff Training and Integration
 - Email - Calendar - Drive - Docs - Contacts - Hangout
 - Students
 - Email - Calendar - Drive - Docs - Classroom

2016-2017 Review

- Chromebook Pilot
 - 90 Chromebooks - Select 5th Grade Classrooms
 - Explore the possibilities
 - Docs
 - Email
 - Classroom
 - Research
- iPads K-2
 - Tiggly Apps
 - SmartyAnts
 - Wixie



2016-2017 Review

- High School TechCore
 - Hardware & Software support by students
 - Mentored by Dan Mahoney



2016-2017 Review

- District App
 - 1,521 Users
 - Instant push notifications - snow tomorrow?
- Standard teacher splash page
 - Complete
 - Working to get them online now
- Upgraded Server Storage
 - SSD Based - Faster - More Redundant System
- Additional security cameras - District Wide
- Upgraded ES Library Automation System

2016-2017 Review

- Supporting Literacy
 - Bookshare Program
 - An accessible online library for people with print disabilities
 - Read, listen, and learn with eBooks in audio, braille, and large font
 - "Read & Write" extension for Google Chrome
 - Provides access to Text to Speech, Translator, and Practice Reading Aloud features in Google documents

2015-2018 Instructional Technology Plan

Provide a safe environment with adequate facilities and equipment that will support instruction and learning.

Staffing 17-18

- 1 Director of Facilities, Technology, and Transportation
 - Funded across three budget lines (Ops/Tech/Trans)
- 1 Network Administrator and CIO
- 1 Media / AV Tech Support Specialist
- 3 District Computer Specialists
 - 2.6 FTE
- 2 BOCES Computer Specialists
 - 1.0 FTE (combined total)
 - (Previously 1 @ 0.8 FTE)
- Support over 2500 laptops, 200 printers, 230 iPads, 110 projectors, 75 smart boards

New BOCES IT Structure

- BOCES = Board of Cooperative Educational Services
 - Cooperative = Sharing
 - OSC says IT staff assigned to a district full time \neq sharing
- 60/40 Rule
 - A BOCES tech may only work in a district 60% of the time
 - Current tech (at four days) will need to be reduced to three days
 - Second tech will cover two days
 - Integrate with our systems more effectively
 - Assimilate into our culture



Overview of Expenses

- Network and Server Support Agreements
 - Internet Connection
 - Content Filter
 - Network Equipment
- State Reporting
- Test Scoring
- Financial System
- Upgrade TV Studio
 - Bring it up to current broadcast standards
 - Television and Web delivery

Overview of Expenses

- Printer / Copier supplies
- Projectors and Bulbs
- Laptop Sleeves
- Spare Cables
- Spare Hard Drives

Overview of Expenses

- Apple MacBook Pros / Chromebooks
 - Two Grade Levels + Carts
- Financial Details (preliminary)
 - BOCES IPA: \$450,000 @ 3.5% over 5 Years
 - (Installment Purchase Agreement)
 - 2017-2018 Budget Impact of IPA: \$83,000 (LHRIC Estimate)
- Aid Ratio: 65%
 - Laptop cost after aid: \$426
 - Chromebook cost after aid: \$101

Using Smart Schools Bond Funding for our Instructional Technology Plan

- Smart Schools Bond Act
 - PV Allocated \$915,998
 - District can send multiple submissions up to the total of allocated funds.
 - Retained Consultant from LHRIC, Carlos Ramirez (Former Coordinator of Technology Policy NYSED)
 - Phase I Investment is estimated at about \$750,000
 - Infrastructure and facilities enhancement.
 - Phase II Investment
 - Additional items to address needs in technology that support instruction.

Upgrade Network Infrastructure

- Wired / Wireless / Fiber / Servers / Storage
 - Upgrade connections to 10GB
 - Deploy Wireless 802.11ac wave 2
 - ~~Increase server and storage capacity and capability~~
 - Comply with CBT Connectivity Standards

Investment in Technology (SSBA Funding)

SSBA Budget Category	Allocations
School Connectivity: Upgrade and extend current PVCSD Network Infrastructure	\$550,000
Classroom Learning Technology: Enhance facilities to encourage the use of technology for instruction	\$200,000
Unallocated Funds	\$165,998
Totals:	\$915,998

Active Learning Lab



7th grade math classes (Conlin/Vandeveld) take over the ALL (Active Learning Lab) at PVMS to work with ARCH. (ArchitectureForKids)

Do you remember?

Can you build a foundation on or in a cloud?

No

We're doing so much more

#aspire



Thank You