



2015-2016 Technology Budget & Smart Schools Act

Patchogue-Medford School District
Part I

Part I – January 2015

Part II – August 2015

Part III – December 2015



Overview of Smart Schools Act

- The Smart Schools Bond Act was passed as part of the New York State 2014-15 Enacted Budget.
- The Smart Schools Bond Act authorized the issuance of \$2 billion of general obligation bonds to finance educational technology and infrastructure to improve learning and opportunity for students throughout the State.
- Each school district will receive an allocation of the \$2 billion Smart Schools that is proportionate to the district's share of total formula based school aid in the 2013-14 school year.



The Purpose of the Smart Schools Act

- Advance the use of technology in public and non-public schools and close the digital divide by improving internet access and wireless connectivity.
- Acquire Learning Technology equipment, devices, or facilities
- Construct, enhance and modernize educational facilities pertaining to Pre-Kindergarten programs and instructional space
- Install high-tech security features in school buildings.



Allocation for Patchogue-Medford

- Of the \$2 Billion available to New York State, the Patchogue-Medford School District is scheduled to receive **\$ 6,047,604**
- Funds can be spent over multiple years, by following application procedures and with appropriate state approval.



Eligible Technology Items

- Instructional technology equipment, including but not limited to, Interactive Whiteboards, servers, desktop, laptop or tablet computers;
 - High speed broadband network & wireless connectivity;
 - Capital projects that may expand or enhance instructional space for Pre-K programs;
 - Acquire new or additional security features; including video surveillance and physical access controls.
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What is required?

- Updated District Technology Plan.
 - *The district's current technology plan is valid through 2017.*
 - *The supplemental Technology Replacement Plan was developed by the Technology Committee and identifies equipment replacement needs through the year 2018*
- The district must submit a Smart Schools Investment plan to be reviewed and approved by the Smart Schools Review Board.
 - *School districts are required to consult with parents, teachers, students, community members, and other stakeholders when developing the plan.*

The background of the slide is a photograph of a green chalkboard. Two pieces of pink chalk are lying on the board, one standing upright and one lying horizontally. There are some faint white chalk markings on the board, including a large 'V' shape and some other indistinct lines. The lighting is soft, creating a slight shadow for the chalk pieces.

Smart Schools Act Presentation

Patchogue-Medford School District

Part II

August 2015



Updated Information Provided

SED recently released guidance on procedures for applying for funds, which includes submission of the following:

- Technology Plan Survey
 - *Provides a snapshot of the districts current technology plan and related elements that may be referenced in the Investment Plan. Purchasing plans within the Technology Plan Survey should be congruent with use of the Smart Schools Funds.*
- Smart Schools Investment Plan (SSIP)
 - *Guides districts on submitting required information and their intentions to utilize the Smart Schools Funds, including the numerous factors pertaining to district stakeholder involvement, district bandwidth, purpose of funds, infrastructure, wireless, security, etc.*



Investment Plan Requirements

- Stakeholders required for development of investment plan
 - *Parents*
 - *Teachers*
 - *Students*
 - *Community members*
 - *Non public schools*
- Infrastructure Requirements
 - *Adequate infrastructure must be in place based on specifications provided within the Investment Plan guidance and FCC*
 - *100 Mbps per 1000 students*
- Sustainability
 - *District must demonstrate long-term plan to physically maintain investments and associated costs.*
- Device Allocations to Non-Public Schools



Allowable v. Non-Allowable

- Allowable Items
 - *Devices (Eno Boards, Servers, Computers & Other instructional technologies).*
 - *Broadband, Wireless and Infrastructure*
 - *Pre-K Educational Facilities*
 - *High-Tech Security Features*
- Non-Allowable Items
 - *Tech support staff or services*
 - *Professional development*
 - *Internet Bandwidth*
 - *Software & Subscription services*



Considerations

- No time frame on expending funds
 - *Plan can be amended, but must follow similar approval process and steps*
- Initial Needs
 - *Reference current Technology Replacement Plan*
 - Teacher Macbooks
 - iMac and PC Computer Labs
 - High School Cisco Infrastructure
 - Eno Board Projectors
 - Scholastic Labs
 - *Additional Considerations*
 - Elementary Library Laptop Carts
 - Expand / Upgrade Wireless Network
 - Additional Technologies to be determined



Capital Projects

- Eligible Capital projects
 - *Hi-speed broadband or wireless connectivity*
 - *Connectivity infrastructure investments*
 - *Pre-Kindergarten expansion space*
 - *High-tech security measures*
- Non-Eligible Items:
 - *Operating expenses*
 - *Leased Equipment*
 - *Recurring costs*
- Application process
 - *Requires preliminary approval from Office of Facilities Planning before submitting investment plan*
 - *Expedited approval is available for select projects*



Requirements & Proposed Timeline

- Required Steps for Approval of Investment Plan

- *Board Approved Preliminary Investment Plan*
- *Preliminary Investment Plan posted to district website for 30 days*
- *Board Meeting Hearing to allow for stakeholder comment*
- *Board approval of Final Plan and Post on District website*
- *Submit Plan via NYSED Business Portal*

** Investment plan amendments may require similar steps*

- Timeline

- *August – Tech Plan Survey submitted to BOCES*
- *September- Establish Smart Schools Bond committee with Board approval*
- *September – Begin Development of Preliminary Investment Plan*
- *October 16, 2015 – Tech Plan Survey due to NYSED Business Portal*
- *October – Complete Preliminary Investment Plan*
- *November – Present Preliminary Plan to Board of Education for approval*
- *December – Board Hearing for Plan / Final Plan presented to Board of Education*
- *January – Final Investment Plan submitted to NYSED*
- *January / February – Purchase Technologies upon NYSED approval*

** Timeline will vary for Capital Projects*

Smart Schools Act Presentation

Patchogue-Medford School District

Part III

December 2015



SSIP Requirements & Timeline

1st Submission

- Required Steps for Approval of Investment Plan

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|--|--------------------------|
| ➤ <i>Board Approved Preliminary Investment Plan</i> | <i>In progress</i> |
| ➤ <i>Preliminary Investment Plan posted to website for 30 days</i> | <i>Post Meeting</i> |
| ➤ <i>Board Meeting Hearing to allow for stakeholder comment</i> | <i>In Progress</i> |
| ➤ <i>Board approval of Final Plan and Post on District website</i> | <i>January BOE Mtg.</i> |
| ➤ <i>Submit Plan via NYSED Business Portal</i> | <i>Post Jan. Meeting</i> |

- Timeline

- ✓ *August – Tech Plan Survey submitted to BOCES*
- ✓ *September- Formed Smart Schools Bond committee with Board approval*
- ✓ *September – Development of Preliminary Investment Plan*
- ✓ *October 16, 2015 – Tech Plan Survey due to NYSED Business Portal*
- ✓ *December – Preliminary Investment Plan Completed*
- ✓ *December – Present Preliminary Plan to Board of Education for approval*
- ✓ *December – Board Hearing for Plan (December 21st Board of Ed. Meeting)*
- ✓ *January – Present Final Plan to Board of Education*
- ✓ *January – Submit Final Investment Plan to NYSED*
- ✓ *February/March – Purchase Technologies upon NYSED approval*



Developing the Preliminary SSIP

- A collaborative approach
 - ✓ *Monthly meetings with Technology Committee*
 - Enlist the feedback of all committee members
 - Includes all required stakeholders
 - ✓ *Evaluate district's immediate technology needs*
 - ✓ *Dialogue with non-public school representatives*
 - ✓ *Consultations with architects for capital projects*
- Adhere to guidelines for Smart Schools Investment plan
 - ✓ *Align investment plan with district technology plan*
 - ✓ *SUNY/CUNY representative*
 - ✓ *Internet access speed requirements*
 - ✓ *Non-public school cost allocations*
 - ✓ *Evaluate infrastructure and sustainability*



Proposed Purchases

- School Connectivity
 - *High School Network Infrastructure*
 - Improves network performance to wired devices
 - Scalable for future connectivity demands
- Classroom Learning Technologies
 - *Based on Technology Replacement Plan and building needs*
 - Teacher Laptops
 - Elementary Library Laptops
 - Select Classroom and Scholastic Lab upgrades
 - Computer Labs due for replacement
 - HS Media Arts Computer Labs
- Total Proposed Cost for 1st Submission: \$2,038,449



Next Steps

- Post Preliminary SSIP on website for 30 days
- Allow for public comment during 30 day period
 - *Send comments to: smartschools@pmschools.org*
- Technology Committee to review Final SSIP
- Present Final 1st submission of SSIP to Board of Education at January meeting
- Submit Board approved SSIP to NYSED portal.
- Technology Committee to continue evaluating technologies for future submissions and collaborate with other district committees.



Factors to Consider for Future SSIP Submissions

- Continue to evaluate sustainability of proposed projects
- Expenditures not covered by Smart Schools
 - *Installation of classroom learning technologies*
 - *Related maintenance costs*
 - *Professional development*
 - *Technical support*
 - *Software*
- Future project discussions
 - *Classroom Technologies*
 - *Renovate select computer labs*
 - *Network & Wireless Infrastructure*
 - *Security & Surveillance*