

Longwood Central School District

Enhancing Teaching & Learning Smart School Investment Plan

NY Smart School Bond Act

- November 2014, NY voters approved the Smart School Bond Act
- \$2 Billion to improve educational technology and infrastructure; to improve learning with emphasis on students with disabilities and English Language Learners
- Longwood CSD's allocation - \$7,772,337

Completed Items...

- Established a District Technology Committee
- Completed and approved Instructional Technology Plan Survey (ITPS) and posted on the district's site
- Letter of Intent completed and approved by NYSED

Future Process and Timeline...

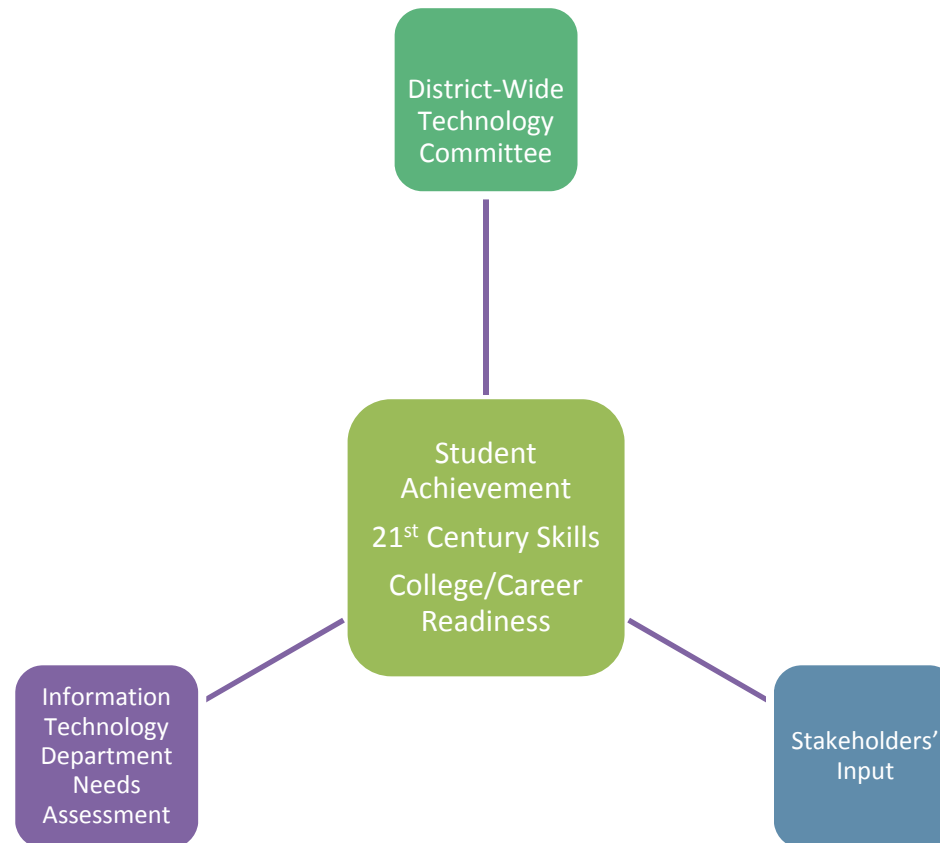
- April 7 - Presentation and Board approval of Preliminary Smart Schools Investment Plan
- April 8 - Preliminary Plan to be posted on the district's website for at least 30 days for public comments
- May 19 - Board to conduct a hearing that will enable stakeholders to respond to the Preliminary Plan
- June 2 - Board approves Final Plan
- June 3 - Final Plan to be posted on the district's website
- June 3 - Submission of Smart Schools Investment Plan through the NYSED Business Portal for review

Technology Mission Statement

The Longwood Central School District will incorporate technology into the educational program in order to provide opportunities for:

- Students and staff to develop competencies in using technology as a learning tool
- Students to gather, understand and manipulate information
- Students to develop technological skills that relate to the adult world
- Students to experience electronic research in a highly meaningful manner
- The community to explore and experience existing and emerging technologies
- District-Wide instructional management applications

Longwood's Approach to Developing the SSIP...



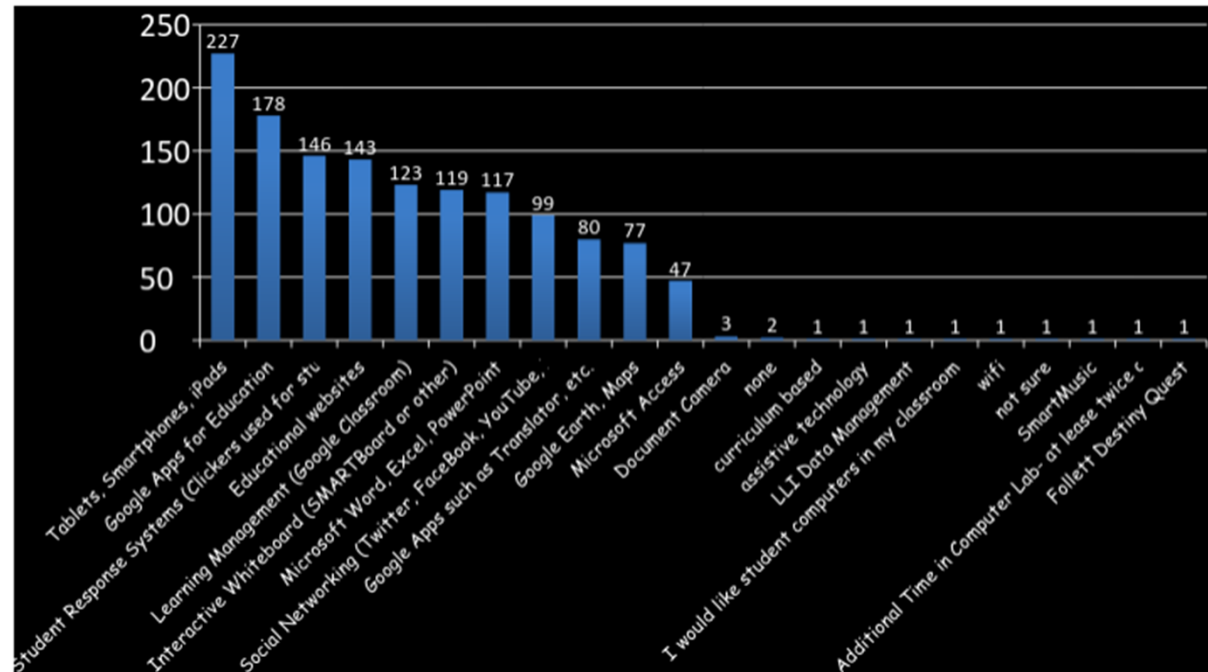
Longwood's Goals...

To build a District-Wide wireless infrastructure in order to provide students, faculty and staff with greater access to current and emerging technologies which will result in...

- Enhancing English Language Arts and mathematics instruction
- Supporting the Individual Education Plan (IEP) of students with disabilities by providing appropriate assistive technologies to support their learning
- Supporting programs for our English Language Learners such as Rosetta Stone
- Providing students and faculty access to Cloud and online research resources and emerging technologies such as coding
- Providing students with quality tools to help them prepare for college and career
- Preparing Longwood for the implementation of computer-based testing (CBT)

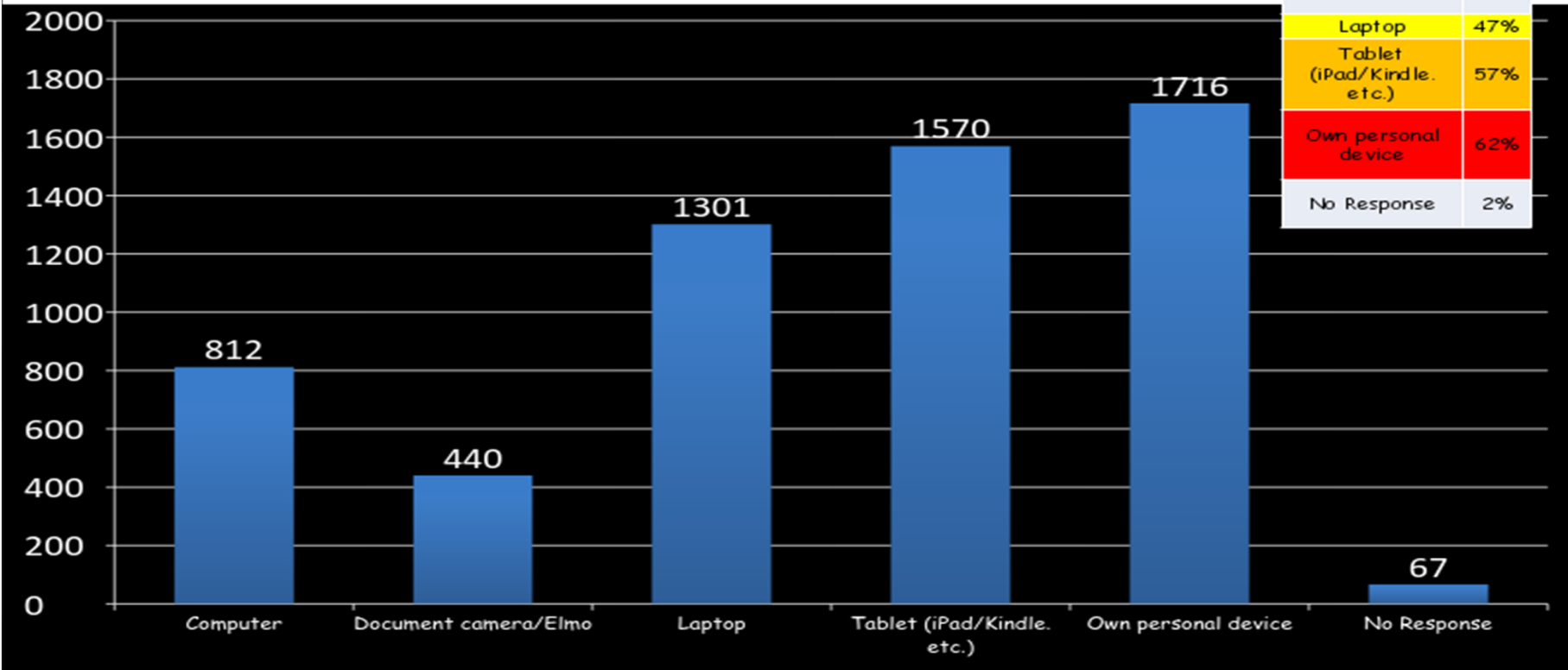
Teacher Survey Results...

Please identify what educational technologies you would be interested in using in the future.



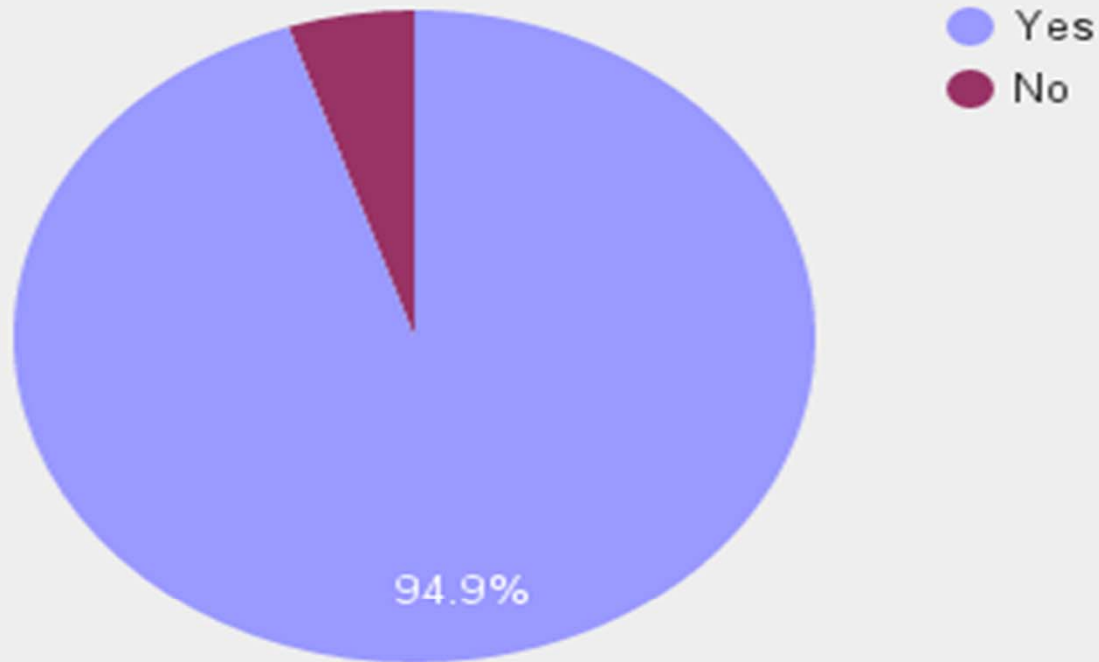
Student Survey Results...

Which technological device would YOU like to have in your CLASSROOM?



Community Survey Results...

I would support additional technology for teaching and learning.



Technology Needs Assessment...

- Data Switches: Replacement of existing data network infrastructure to support wireless access points
- Wireless Access: Installation of wireless access points district-wide
- Cabling: Installation of data cabling to support wireless access points
- Network closet clean up: Re-wiring and adding new data switches

Example of Equipment...

Data Switch



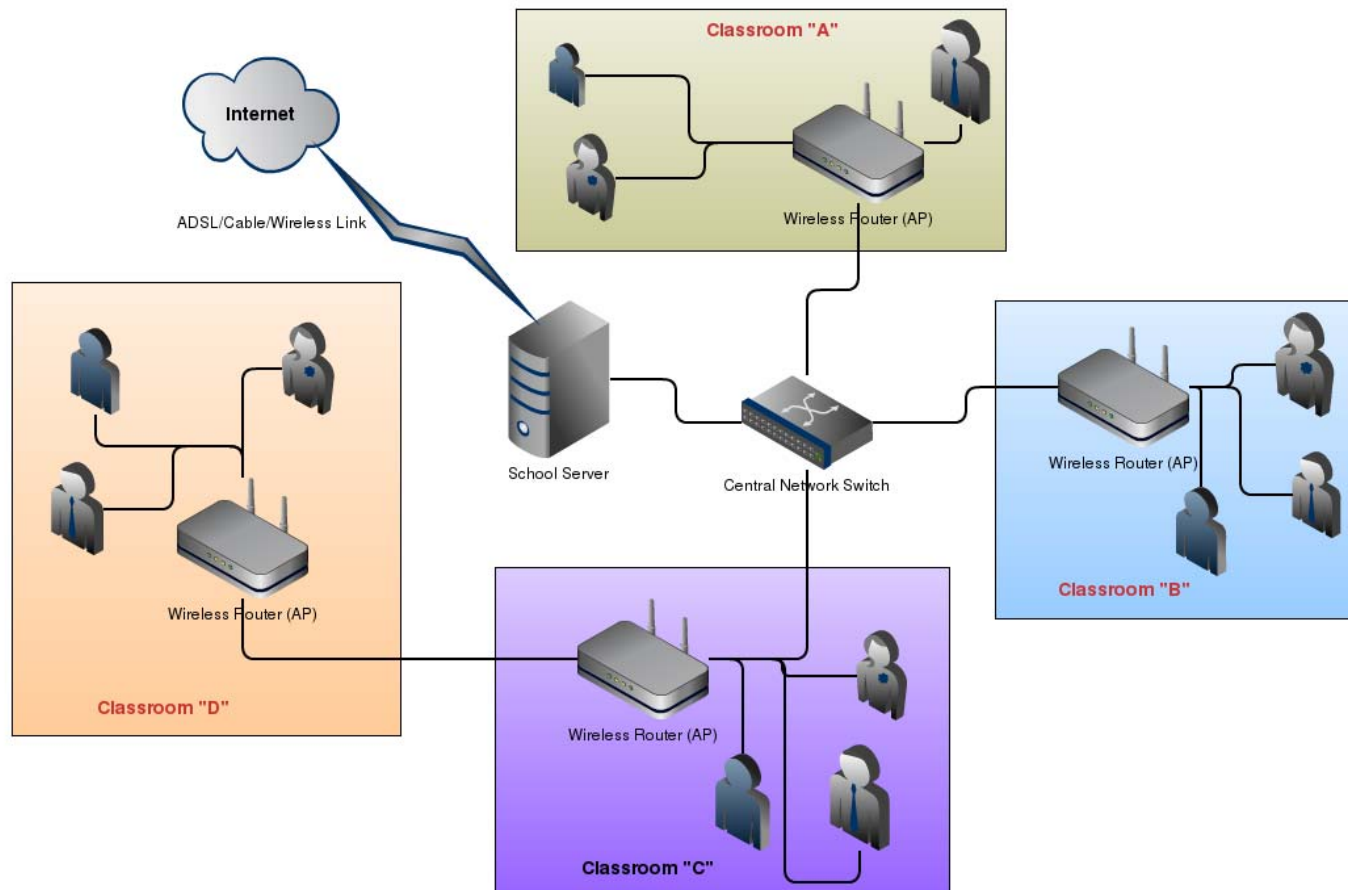
Cable



Wireless Access Point



What's Ahead...Classroom View...



Source: [Google.com/Image/Wireless Infrastructure in Schools](http://Google.com/Image/Wireless%20Infrastructure%20in%20Schools)

Estimated Cost of District-Wide Wireless Infrastructure

Equipment	Approximate Cost
Data Switches	\$1,650,000
Wireless Access Points	\$750,000
Cabling	\$500,000
Server closets clean up	\$100,000
Total	\$3,000,000

Next Steps...

- Board approval of the Preliminary Smart Schools Investment Plan (SSIP)
- Preliminary Plan to be posted on district's site for 30 days and the Board has to conduct a hearing
- Prepares a Final Plan for Board approval
- Submits SSIP through the Business portal for NYSED review

Closing...

- Questions & Comments...

Please submit any questions or comments with regard to the plan to the attention of: Judith Rice, District Clerk, 35 Yaphank Middle Island Road, Middle Island, NY, 11593

Thank you...