

# 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...

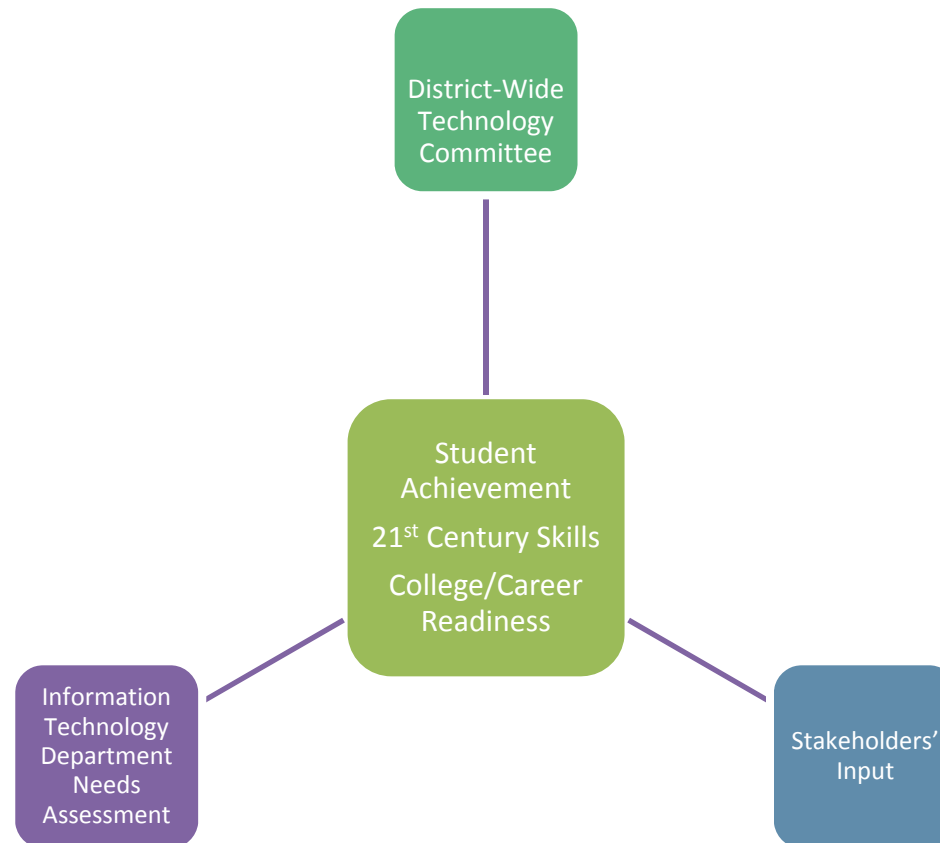
- April 7 - Presentation and Board approval of Preliminary Smart Schools Investment Plan
- April 8 - Preliminary Plan to be posted on the district's website for at least 30 days for public comments
- May 19 - Board to conduct a hearing that will enable stakeholders to respond to the Preliminary Plan
- 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...



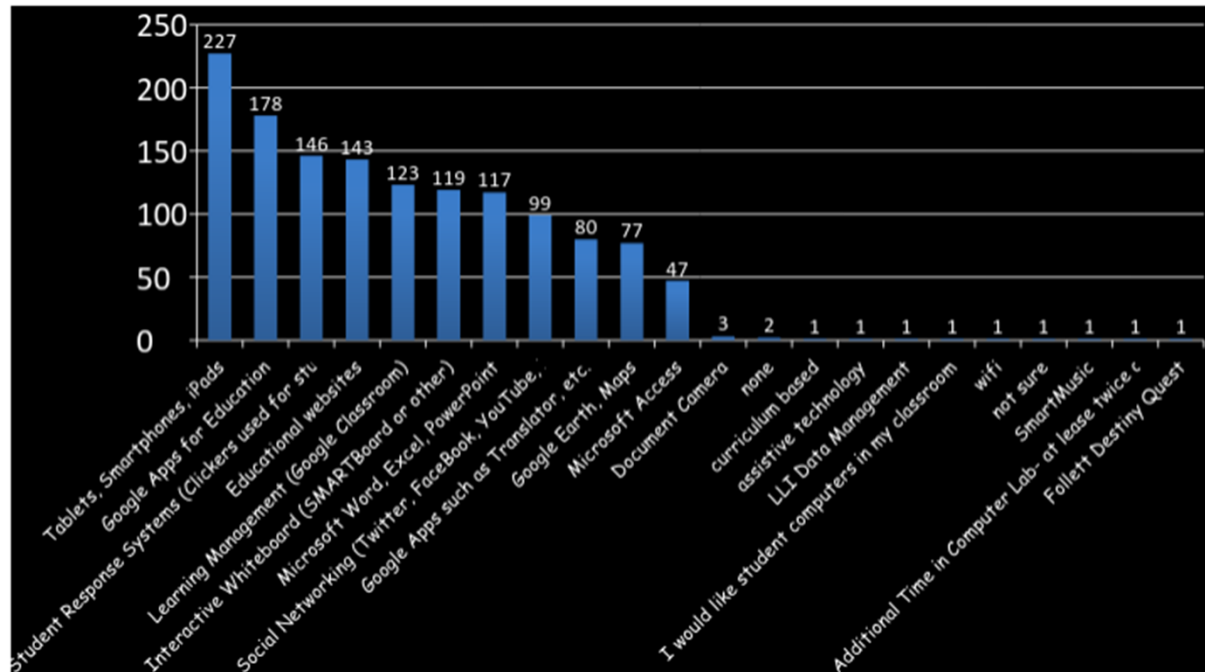
# Longwood's Goals...

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...

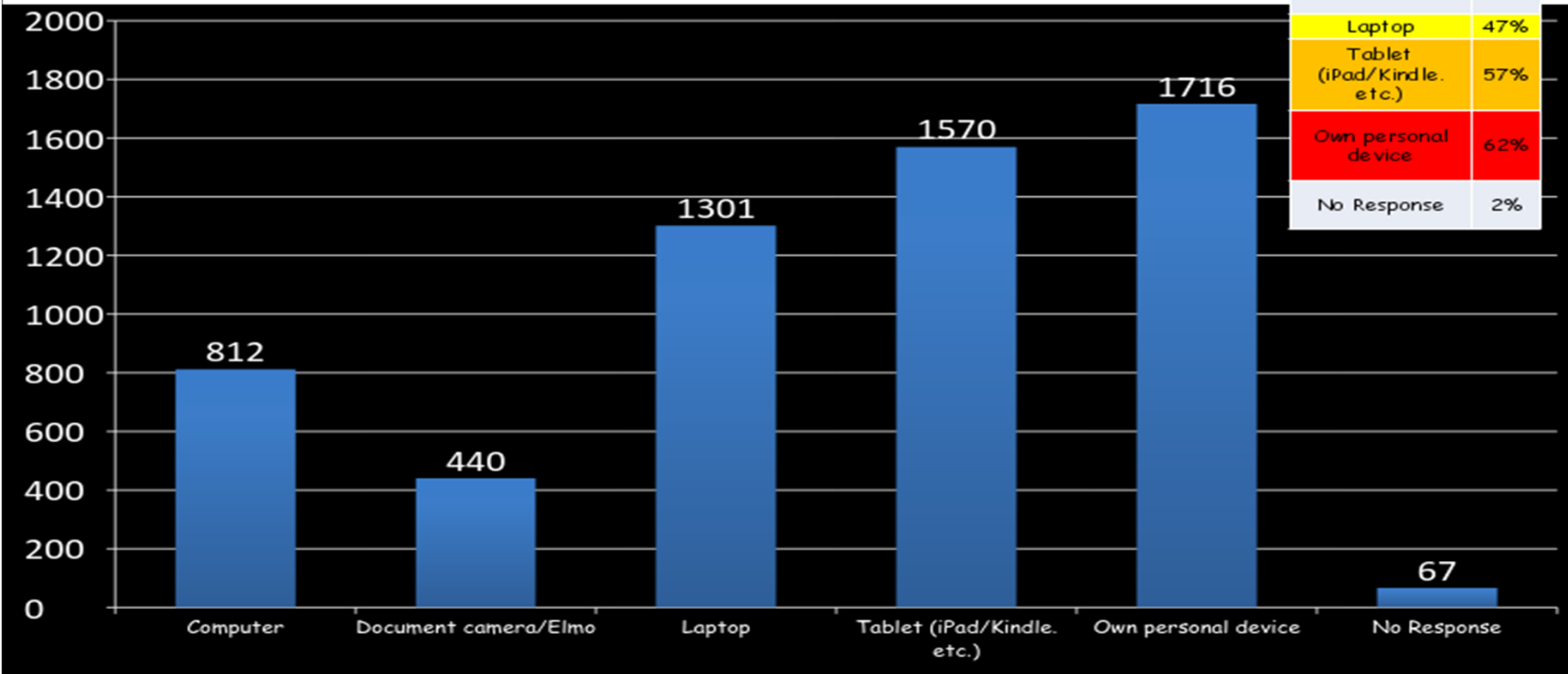
Please identify what educational technologies you would be interested in using in the future.





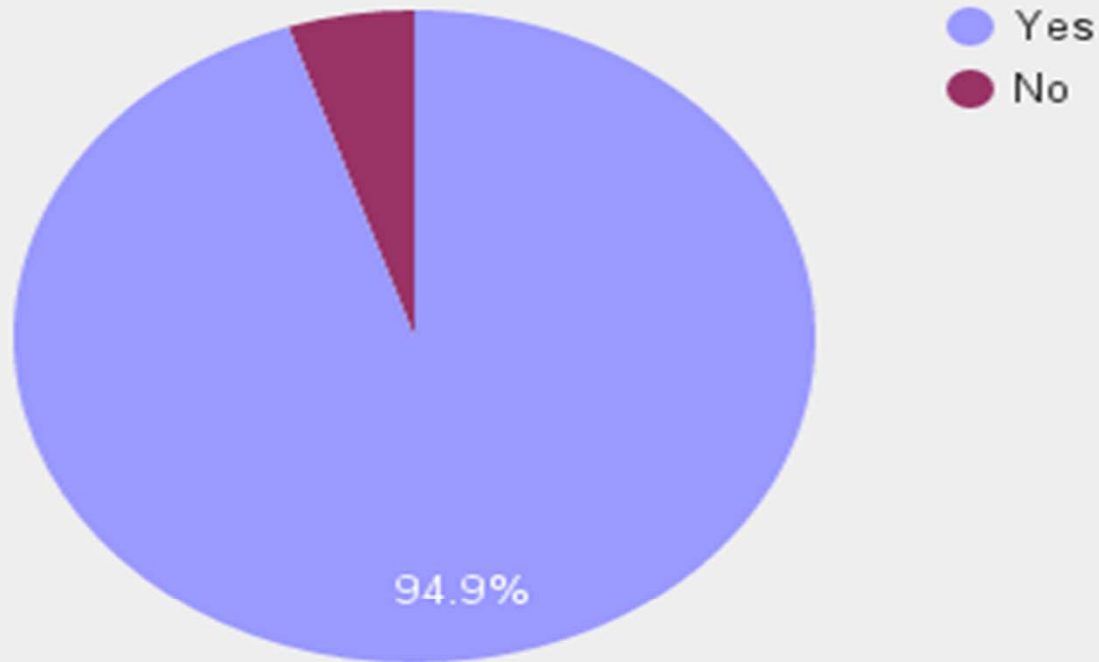
# Student Survey Results...

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



# Community Survey Results...

I would support additional technology for teaching and learning.

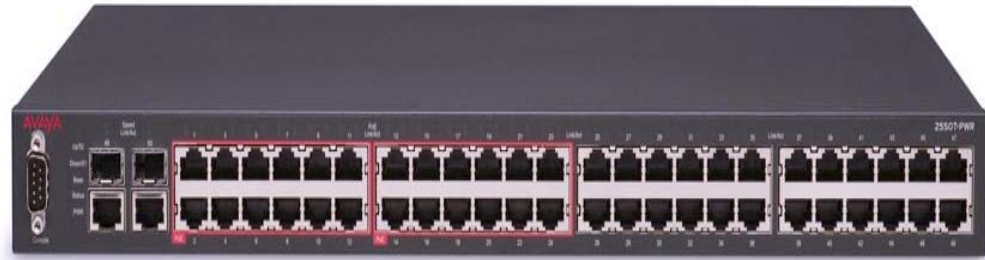


## Technology Needs Assessment...

- 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



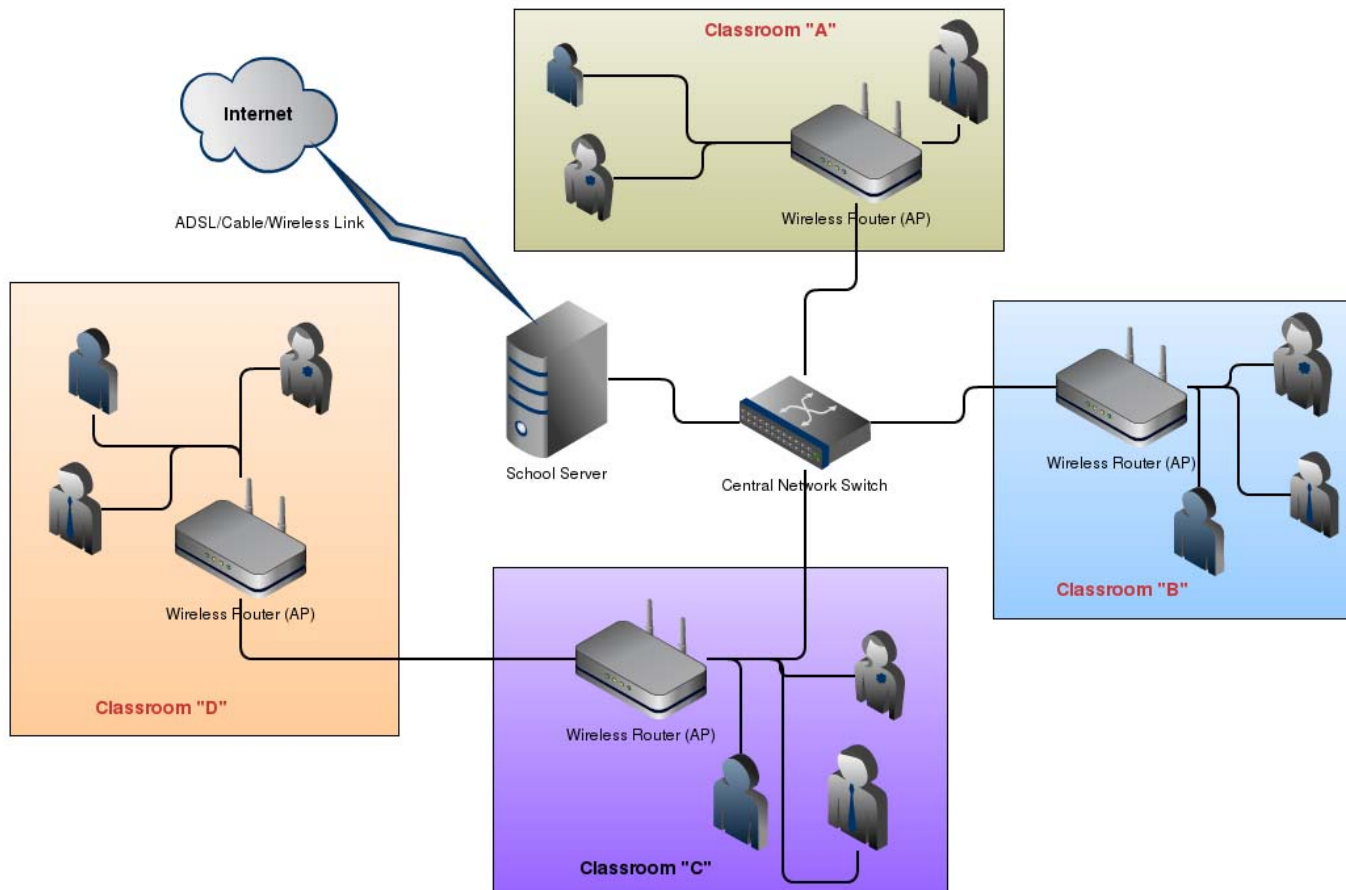
Cable



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
<b>Total</b>	<b>\$3,000,000</b>

# 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...