SMART SCHOOLS FUNDING CAN BE USED FOR:

▸ Installing high-speed broadband or wireless internet connectivity

▸ Acquiring learning technology equipment

▸ Installing high-tech security features in school buildings and on school campuses
$1,921,304 allocation to Queensbury as part of the November 2014 referendum approved by state voters
SMART SCHOOLS INVESTMENT PLANS

Schools must submit to access allocation
DEVELOPING OUR SSIP

1. District Consults w/Stakeholders and Prepares Preliminary Plan
2. Preliminary Plan Board Approval
3. District Posts Preliminary Plan (30 Days)
4. Public Notice and Hearing
5. District Prepares Final Plan
6. Final Plan Board Approval
7. District Submits Final Plan
DEVELOPING OUR SSIP

1. District Consults w/Stakeholders and Prepares Preliminary Plan
2. Preliminary Plan
   - Board Approval
3. District Posts Preliminary Plan (30 Days)
4. Public Notice and Hearing
5. District Prepares Final Plan
6. Final Plan Board Approval
7. District Submits Final Plan
1. Developing OUR SSIP

- District Consults w/Stakeholders and Prepares Preliminary Plan
- District Prepares Final Plan
- Final Plan Board Approval
- District Submits Final Plan
- Public Notice and Hearing
- Jan-Feb

Preliminary Plan
- Board Approval
- District Posts Preliminary Plan (30 Days)
DEVELOPING OUR SSIP for Technology

1.

District Consults w/Stakeholders and Prepares Preliminary Plan

District Submits Final Plan

Preliminary Plan Board Approval

District Posts Preliminary Plan (30 Days)

Final Plan Board Approval

District Prepares Final Plan

Public Notice and Hearing

February Board Meeting
1. DEVELOPING OUR SSIP

- District Consults w/Stakeholders and Prepares Preliminary Plan
- Preliminary Plan Board Approval (30 Days)
- Public Notice and Hearing
- District Prepares Final Plan
- Final Plan Board Approval
- February Workshop
- District Submits Final Plan
DEVELOPING OUR SSIP

1. **District Consults w/Stakeholders and Prepares Preliminary Plan**
2. **Preliminary Plan Board Approval** (30 Days)
3. **District Posts Preliminary Plan**
4. **Public Notice and Hearing**
5. **District Prepares Final Plan**
6. **Final Plan Board Approval**
7. **District Submits Final Plan**

By March 1st
Plan Submission
Plan can be submitted once Board has approved a final SSIP

Eligible Equipment
Equipment can include the following devices:

▸ Interactive whiteboards
▸ Computer servers;
▸ Desktop, laptop, and tablet computers
▸ Other technology items that enhance teaching and learning; and
▸ Expenses related to the installation of new devices

Multiple SSIPs
Districts can submit multiple SSIPs so that the purchasing of the equipment can be spread out over multiple years
CLASSROOM TECHNOLOGY DEVICES:
CLASSROOM DISPLAY

- QMS and QES still using display technology from 2004
CLASSROOM TECHNOLOGY DEVICES: CHROMEBOOKS

- 3,600 Chrome Devices purchased over the past three years
- 4-Year Replacement Plan
CLASSROOM TECHNOLOGY DEVICES:
WIRELESS REPLACEMENT & EXPANSION

- Need for faster wireless access continues to grow
## Preliminary Purchase Plan: Technology

<table>
<thead>
<tr>
<th></th>
<th>Classroom Display</th>
<th>Chromebook Replacement</th>
<th>Wireless Upgrade</th>
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<tbody>
<tr>
<td>2016-17</td>
<td>$399,175</td>
<td>$148,500</td>
<td>$0</td>
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<tr>
<td>2017-18</td>
<td>$0</td>
<td>$148,500</td>
<td>$90,400</td>
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<tr>
<td>2018-19</td>
<td>$0</td>
<td>$74,250</td>
<td>$39,175</td>
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</tbody>
</table>
Eligible Equipment include the following devices:

- High-tech security features
- Video surveillance
- Emergency notification systems
- Physical access controls

The Process for the Security Items is a bit more involved

- We will need to engage an Architect for project design & development
- SED Facility Management Review/Approval Process before submission of a second SSIP
- Existing security system equipment is leased
- More coverage is required
  - High value areas
  - Broader area of the building
- Perimeter door security would be added
  - Will allow for door a-jar monitoring during occupied hours
  - Door openings would be alarmed and would notify administration that someone is leaving or entering the building
3 VIDEO SURVEILLANCE SYSTEMS

▸ Replace Digital Video Recorders & upgrade to networked devices
  ▷ Current devices are over 10 years old

▸ Upgrade Cameras & Coverage
  ▷ Expand & replace
  ▷ Move from analog cameras to complete digital platform
Replace aged and failing public address systems in all buildings

New equipment would provide richer features & expanded capabilities

Will allow us to integrate with other security systems

Expand communication abilities
  ▶ Building to building
  ▶ Two-way communication to classroom
Expand card access to include more doors

Replace control software of current Card Access System
  ▶ no longer supported by manufacturer
  ▶ near maximum capacity

Upgrades to interior door hardware in classrooms and offices where needed
  ▶ Replace old style door hardware with “classroom function” door hardware and locking

If Budget allows
  ▶ Re-do keying of buildings to new and more secure system with better control
Continue our migration to Voice Over Internet Protocol (VOIP)
  ▶ Install new VOIP telephones in Administrative areas of each building
  ▶ This will allow for integration with the other security systems being upgraded
A major component of this effort is to purchase a system that will integrate all security systems on campus to a single platform …

- Lockdown event can be initiated with single action reducing the notification time to first responders and others
- Will integrate the many features of each separate security system to leverage the capabilities of each system to improve the functionality of the entire system
- Multiple parties can be notified immediately through different communication methods to expedite notification

... and more.
### Proposed Security Components of Smart Schools Program

<table>
<thead>
<tr>
<th>Proposed Security Component</th>
<th>Preliminary Estimate of Construction Cost</th>
<th>Anticipated Incidental Costs (15%)</th>
<th>Preliminary Estimate of Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security System Replacement</td>
<td>$200,000</td>
<td>$30,000</td>
<td>$230,000</td>
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<tr>
<td>Video Surveillance System Upgrades</td>
<td>$180,000</td>
<td>$27,000</td>
<td>$207,000</td>
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<tr>
<td>Replacement of Building Public Address (PA) Systems</td>
<td>$130,000</td>
<td>$19,500</td>
<td>$149,500</td>
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<tr>
<td>Card Access Upgrades</td>
<td>$145,000</td>
<td>$21,750</td>
<td>$166,750</td>
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<tr>
<td>Telephone System Upgrades</td>
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<td>$12,750</td>
<td>$97,750</td>
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<td>Systems Integration</td>
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<td>$86,250</td>
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<tr>
<td>Contingency (5%)</td>
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<tr>
<td><strong>Total Budget</strong></td>
<td><strong>$869,565</strong></td>
<td><strong>$130,435</strong></td>
<td><strong>$1,000,000</strong></td>
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</table>
With Approval to Proceed with our Preliminary Plans

Technology
- Public Comment
- Finalize Plan
- Submit SSIP for Technology (2016-17)
- Wait for approval
- Move forward with Plan

Security - Different Process than Technology will follow
- Public Comment
- Work with Architect to finalize our plans
- Submit Letter of Intent (LOI) to obtain SED Issues Project Number
- Review Project Plans with SED for their preliminary approval
- Develop Specifications & Drawings for submission to SED for review & approval (similar to Capital Project Process)
- Submit SSIP for Security
- Wait for Approval - Move forward with the Plan
PROJECT TIMELINE

▸ January 2016 - Preliminary Plan Presented to BOE
▸ January/February 2016 - Public Comment
▸ February 2016 - BOE Approval of Final Plan
▸ End of February 2016 - Technology SSIP Submitted

Security Approval and Planning Process Continues

▸ March - May/June 2016 Work with Architect & NYS Office of Facilities Planning:

▸ June/July 2016 - Submit SSIP for Security
▸ September to December 2016 - Project Approval
▸ Bid out Work

Please note that the dates identified will most likely change as we get into the process
THANKS!

Any questions?