

Smart Schools Investment Plan (SSIP) Public Hearing

Board of Education Meeting
January 13, 2016



Smart Schools Bond Act Funding

Governor Cuomo established The Smart Schools Commission to conduct a review of all NY State schools to determine their ability to:

- expand online learning and expand connectivity
- utilize technology for instruction and professional development

The Smart Schools Commission recommended targeted funding to schools to eliminate gaps in technology. The Smart Schools Bond Act authorized the release of \$2 billion statewide for all public schools to finance educational technology and infrastructure to improve learning opportunities.

EGCSD was allocated \$2,312,974 - multiple year spending with no deadline for applying or expending all funds.

Smart Schools Bond Act Allowed Spending

Allowed Spending:

- installing high speed broadband and wireless internet connectivity for schools and communities.
- acquiring learning technology equipment or facilities, including but not limited to interactive whiteboards, computer servers, desktops, laptops and computer tablets.
- **construction to replace classroom trailers or to accommodate pre-kindergarten.**
- install high tech security features, including but not limited to video surveillance, **emergency notification systems and physical access controls.**

Smart Schools Bond Act Application Requirements

1. Develop an Instructional Technology Plan, with shareholder participation, and submit to the Northeast Regional Information Center for approval. Submitted July 2015 and approved August 2015.
2. Submit the NERIC approved Instructional Technology Plan to the State Education Department (SED). Submitted August 2015 and approved November 2015.
3. Submit a letter of intent to SED Facilities Planning. Submitted on December 2015 and project number received December 2015.
4. Develop a draft Smart Schools Investment Plan for Public Hearing. Posted December 2015 and held January 13, 2016. After a 30 day commentary period ending on February 24, 2016, the District may submit the SSIP to SED.

District and Community Needs Survey

Goal Development for the Instructional Technology Plan was driven by a district wide survey hosted by the Northeast Regional Information Center. Survey participation:

- teacher/administrator participation 70%
- 3rd through 12th grade students 82%
- parents 591 (this was statistically significant).

Findings - Infrastructure at Home:

- **97% of students have access to the internet at home**
- **94% of students have access to a device at home**
- 63% of students report sharing a device at home
- 100% of teachers have internet and a device at home

Surveying Community and District Needs

Findings - Infrastructure at School:

- 87% of teachers have access to a computer for their own use all of the time
- 67% of teachers can get devices for their students when needed more than half of the time
- 13% of teachers report high quality internet speed
- 27% of teachers report a typical student to computer ratio of 2:1 or 1:1

Surveying Community and District Needs

Findings - Student and Teacher Skill Levels:

- student foundational skills - advanced
- teacher foundational skills - advanced

- student online skills - proficient
- teacher online skills - proficient

- **student multimedia skills - advanced**
- **teacher multimedia skills - Proficient**

- student beliefs - advanced
- teacher beliefs - advanced

(Beginning, Emerging, Proficient, Advanced, Exemplary)

Goal Development

1. The District will prepare for access to electronic, web based state assessments for grades 3-12. All elementary and secondary school buildings will be equipped with technology and Wi-Fi access that will allow for simultaneous participation in all state assessment.
2. All classrooms will have wireless capability, for Bring Your Own Device (BYOD) activities for instructional purposes.
3. The District will expose students to word processing hardware to determine student preference. 20% of all elementary students grades 3-5 and 20% of all secondary for students grades 6 -12 will be surveyed on their preference for 1:1 device use for assessment purposes.

Goal Development

4. The District will improve Anywhere, Anytime Access by migrating to Google Applications.
 - All Email and curriculum documents will be moved off of the District network to Gmail and Google Drive.
 - Faculty and administrators will receive professional development on the Google Applications Platform.
 - All students, grades 3 -12 will be provided with a District Gmail account.

Goal Development

5. The District will identify a district wide, grades 3- 8, Technology Curriculum to prepare students for:
 - electronic submission of word processed documents;
 - improve student research skills;
 - develop web based presentations and publications;
 - increase student to student and student to teacher collaboration within and outside of the classroom;
 - and to expand virtual learning opportunities using technology.

Non-Public School Required Participation

The Smart Schools Bond Act requires that school districts must loan, upon request by nonpublic schools within their district boundaries, any classroom technology purchased by the district. Nonpublic schools within EGCSB boundaries:

- Woodland Montessori
- Holy Spirit

This is a per pupil rate calculated according to the public schools purchase of instructional technology. Public schools can only lend equipment that is easily movable.

Tonight the Board of Education will be presented with a new Regulation and amended regulation outlining nonpublic school notification deadlines for annual loaning of instructional technology.

East Greenbush Anticipated Spending

Year 1	\$300,000 Wireless \$100,000 Instructional Technology
Year 2	\$273,000 Security \$127,000 Instructional Technology
Years 3 - 5	\$1,512,974 Instructional Technology *

*Districts must prepare for computer based testing