

Smart Schools Investment Plan (SSIP)

Capital Project - > Smart School Investment Plan
November 16, 2015

Dr. Sean M. Croft, Assistant Superintendent

Mr. Joseph Rozbicki, Director of Technology

Mr. Matt Mariglia, District Technology Integration Specialist

Smart Schools Bond Act (SSBA)

- November 2014, voters approved NYS to invest 2 billion to provide:
 - access to classroom technology
 - high-speed internet connectivity
- Starpoint's allocation is **\$1.6 million**
- Each district must submit a BOE-approved, Smart School Investment Plan (SSIP) for SED approval

Development of Technology Vision and SSIP

District Committee

- Consists of district ‘stakeholders’: Teachers, administrators, support staff, & parents

Maximizes:

- input
- participation
- communication



Technology Vision

- Continued focus towards a consistent platform
 - Google/Android
 - Microsoft Office (where needed)
- To build an infrastructure to support that platform
- To provide sufficient staff development to attain maximum usage
- To provide sufficient personnel to support the level of program provided

Technology Vision

Capital Project

- Focus on infrastructure



Enable

Smart Schools Investment Plan (SSIP)

- Focus on providing sufficient equipment for 1:1 application



Capital Project: Infrastructure

Overview

Replacing current network infrastructure

- Fiber Optic upgrades
 - increase capacity & speed of transition
- Enhancing wireless network
 - Doubling capacity
 - Ability to tie in a BYOD login to the network
- IPTV system
- Hardware Replacement
 - Computer Labs (17-18)
 - Projector replacement (18-19)
- Upgrading phone system

Smart School Investment Plan

Developed by Technology Committee over 11 months (12/2014-10/2015)

- Teachers, administrators, support staff, & parents
- Informed by classroom pilots in 2014-15 and 2015-16
 - **2014-15 Pilot**
 - **All Grade 7 students**
 - Chromebook cart shared by Grade 7 teachers
 - **Grade 4: Mr. Vittoria's classroom**
 - 6 Chromebooks
 - **Grade 6: Mr. Wieclaw's classroom**
 - 15 Chromebooks
 - **Android Tablets: Demo of different devices**
 - Mrs. Comas-Baez (K-2); Mrs. Tomei/Mrs. Keil (9-12 Science)

Smart School Investment Plan

- 2015-16
 - Pilot Google Chromebook/Tablet carts in 2015-16
 - Fricano: (2) Android Tablet Carts
 - RIS: (2) Chromebook Carts
 - MS: (3) Chromebook Carts
 - HS: (2) Chromebook Carts

Smart School Investment Plan

Large-Scale Budget Table

Category	Allocation
School Connectivity	0
Connectivity Projects for Communities	0
Classroom Technology	1,591,338
Pre-K Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	0

Smart School Investment Plan

Sub-Allocation Budget Table [Classroom Technology]

Category	Sub-Allocation
Interactive Whiteboards	67,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	881,838
Tablet Computers	492,000
Other Costs	150,500
Totals	1,591,338

Smart School Investment Plan

Sub-Allocation Budget Table
[Classroom Technology]

Category	Sub-Allocation
Interactive Whiteboards	67,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	881,838
Tablet Computers	492,000
Other Costs	150,500
Totals	1,591,338



- SMART Boards

- Will cover mainly HS and MS
- Only 55% of MS and 37% of HS classrooms have SMART Boards
- Have not been a part of “PTA SMART Board Challenge” over the past 6 years
- Have had limited opportunity to add SMART Boards to MS & HS in recent years

Smart School Investment Plan

Sub-Allocation Budget Table
[Classroom Technology]

Category	Sub-Allocation
Interactive Whiteboards	67,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	881,838
Tablet Computers	492,000
Other Costs	150,500
Totals	1,591,338



- 14" Chromebooks
 - Only using ~ \$500,000 of \$881,838 over the next three years
 - Remaining money will be held for replacement costs in 5 years
 - RIS: ~ 630 Chromebooks
 - MS: ~ 650 Chromebooks
 - HS: ~ 375 Chromebooks

Smart School Investment Plan

Sub-Allocation Budget Table
[Classroom Technology]

Category	Sub-Allocation
Interactive Whiteboards	67,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	881,838
Tablet Computers	492,000
Other Costs	150,500
Totals	1,591,338



- Android Tablets
 - ~ 660 Android Tablets
 - 1:1 (at school) in Fricano Primary
 - Remaining to be used by HS and MS Science Departments
 - Only spending ~ \$272,000 over next 3 years
 - Remaining \$ for replacement cost in 5 years (~ \$220,000)

Smart School Investment Plan

Sub-Allocation Budget Table
[Classroom Technology]

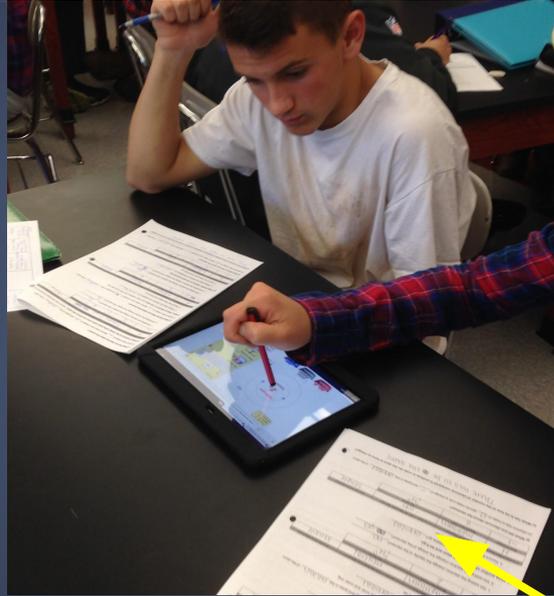
Category	Sub-Allocation
Interactive Whiteboards	67,000
Computer Servers	0
Desktop Computers	0
Laptop Computers	881,838
Tablet Computers	492,000
Other Costs	150,500
Totals	1,591,338

- Other Costs

- Chromebook/Tablet Carts
- Document cameras
- 3D Printer



Examples of Students Working with Android Tablets



Mrs. Tomei's Chemistry students working with interactive atoms

Mrs. Comas-Baez working with K-2 students improving reading fluency

Examples of Students Working with Chromebooks

Your Task: Create a slide to showcase 2 text feature examples that we've talked about in class.

- On the slide you will need...
 - the name of the text features
 - a visual example of both (and credit to where you found it, if possible)
 - an answer to the question, "Why is this text feature important to nonfiction texts?"
 - the names of who worked on the slide
- You may research using...
 - Symbaloo - NonFiction
 - Insert Image - search tool in google slides
- Is all your information entered into your slide?
 - Try changing the font, size of font, color of font
 - Try changing the background color

****Remember Proper Google Etiquette...Never go on someone else's slide!****

Mrs. Moran's 5th grade collaborative project on Text Features

Are you writing with a
Pencil-vania? (Pennsylvania)

By: Ava Wohlleber, Tayler Scott, and Molly O'Connor

**This is
Pennsylvania**

Pennsylvania Welcomes You
STATE OF INDEPENDENCE
800-VISIT-PA | visitPA.com

Map of the United States with Pennsylvania highlighted in red.

Map of Pennsylvania with county names.

Mrs. Mertz's 5th grade collaborative project on the 13 Colonies

Examples of Students Working with Chromebooks



Mrs. Stutz's 7th grade study skills class using the website Kahoot! to prepare kids for an English quiz.



Mr. Scully's 7th grade science classes watching *In search of the edge*, a fictional documentary presenting evidence of a flat earth theory.

Examples of Students Working with Chromebooks



Mr. Menges' & Mr. Reed's 8th Grade Classes
Collaborative Google Slides Project on the Transcontinental Railroad

Examples of Students Working with Chromebooks

STARPOINT CENTRAL SCHOOL DISTRICT

Mr. J's 7th Grade Social Studies Class

Search this site

Navigation

- CSI: The Lost Colony of Roanoke
 - Background Story
 - CLUE #1
 - CLUE #2
 - CLUE #3
 - CLUE #4
 - CLUE #5
 - Other theories
 - Your Task!
- Welcome to our Flipped Classroom!
 - 13 Colony Map
 - Quiz Review Video
 - First Lesson Intro Video
 - The Dutch in New York
 - Weekly Video 10/27
 - William Penn and the Quakers
 - Sitemap

CSI: The Lost Colony of Roanoke



In 1587, 115 men, women, and children left England heading towards a new life in the unsettled land of America. Once they arrived, it was evident they were doomed from the start. When John White, the governor of the colony returned a few years later to check on the colony, they had all vanished! It's America's greatest mystery: Where did they go? That's your question to answer.

You and your group members are investigators who have been sent down to Roanoke Island by the FBI to look over all the clues and make a final determination on what happened to the lost colony of Roanoke.



Mr. Johnson's 7th grade class using Google Sites with Chromebooks to complete CSI: The Lost Colony of Roanoke!

Next Steps



- Post SSIP on website



- Answer questions / gather feedback tonight and through website



- Conduct Public Hearing (12.14.2015)



- BOE approves SSIP (12.14.2015)



- Formally submit SSIP to NYSED for approval (12.15.2015)