Central Islip School District
Smart Schools Investment Plan (SSIP)

New York Smart Schools Bond Act

❑ **Governor Cuomo authorized the Smart Schools Bond Act (SSBA) in the 2014/15 NYS budget.**

  ▶ A total of $2,000,000,000 was appropriated state-wide.

❑ **Proceeds from the bond are used to "improve learning opportunity for public and nonpublic school students" by funding projects for:**

  ▶ Acquire learning technology (i.e. whiteboards, servers, PC, tablets, etc.).

  ▶ Install high-speed broadband or wireless internet connectivity.

  ▶ Construct, enhance and modernize educational facilities to accommodate Pre-K and replace portable classrooms.
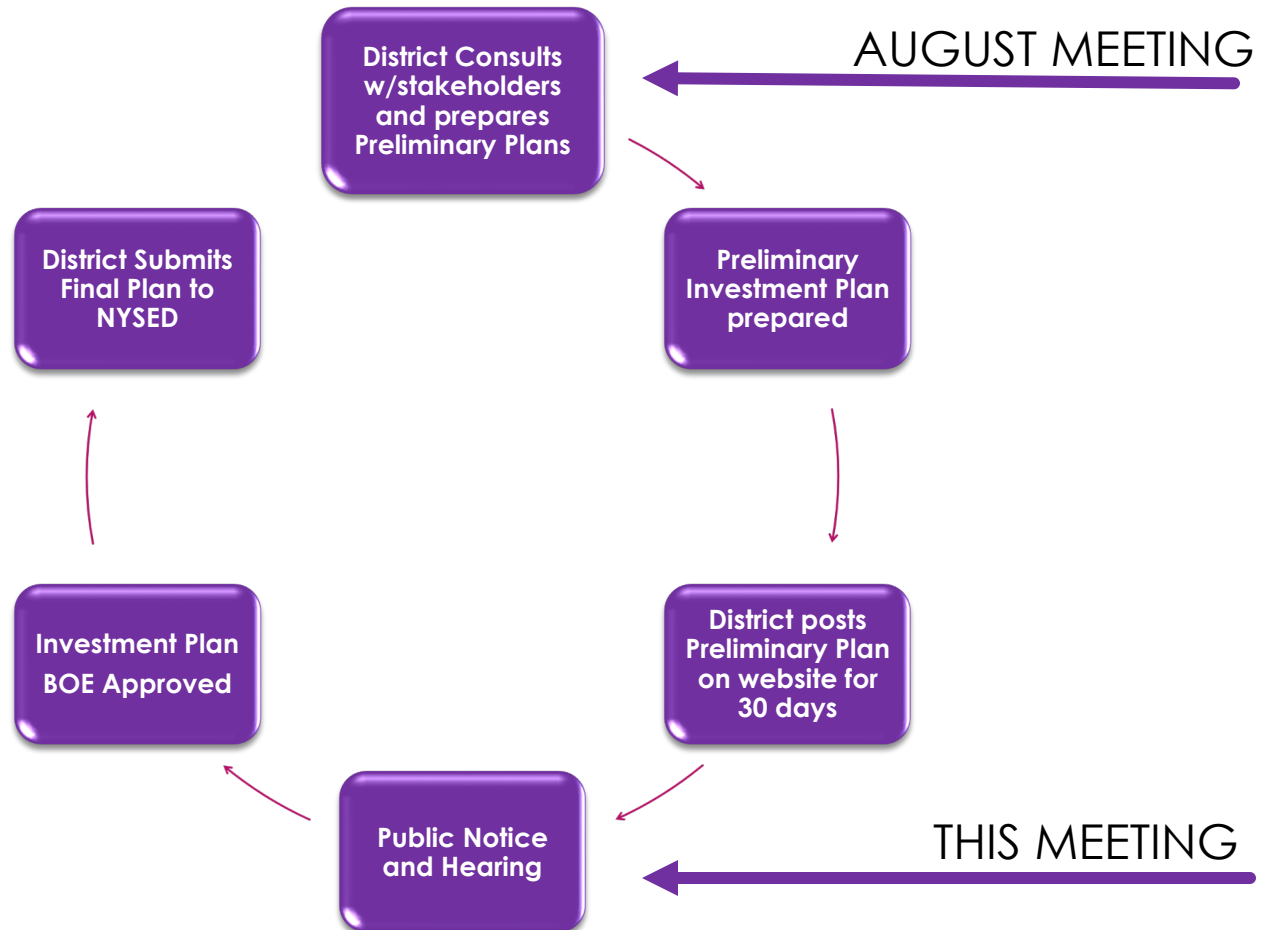
  ▶ Install high-tech security features.

District Allocation

▶ The Central Islip school district was awarded an allocation in the amount of $9,451,402.

▶ The funds must be spent using school district dollars then seek reimbursement from New York state after the funds have been spent.

▶ Under the current guidance, there has been no time limit placed on purchases to be reimbursed as well as no requirement to spend all of the funds at one time.
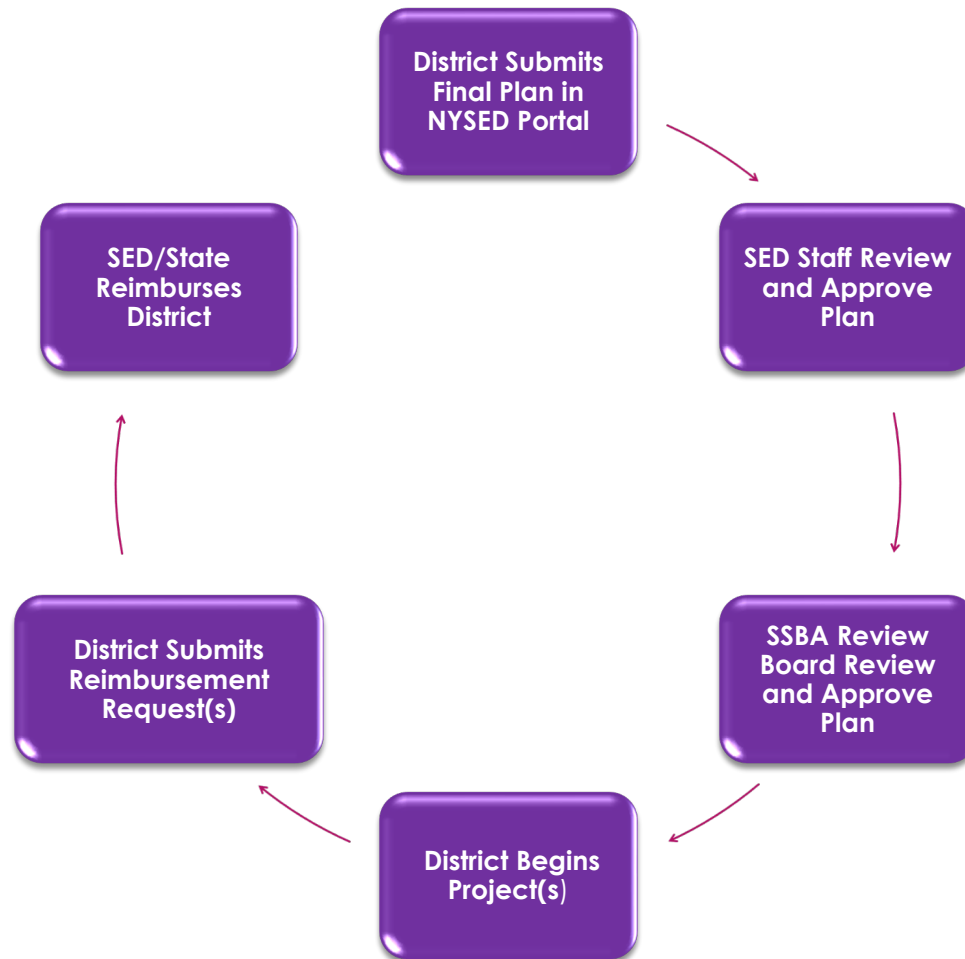
SSIP District Process

District Consults w/stakeholders and prepares Preliminary Plans

Preliminary Investment Plan prepared

District posts Preliminary Plan on website for 30 days

Public Notice and Hearing

Investment Plan BOE Approved

District Submits Final Plan to NYSED

AUGUST MEETING

THIS MEETING

SSBA Review Board Process

District Submits Final Plan in NYSED Portal

SED Staff Review and Approve Plan

SSBA Review Board Review and Approve Plan

District Begins Project(s)

District Submits Reimbursement Request(s)

SED/State Reimburses District

Stakeholders Involvement...

- June-August: CI District developed and submitted to the Board a Preliminary Smart Schools Investment Plan at the August Board Meeting.

- This Preliminary Plan was posted on the district website for more than 30 days which included information to which any written comments on the Plan should be sent.

- Tonight, the Board is conducting a hearing that will enable stakeholders to respond to the Preliminary Plan followed by Board approval.

- Final plan will be posted on district website.

- District will submit Smart Schools Investment Plans through the Business Portal for review.

- Source: New York State Department of Education/Office of Facilities Planning/Smart Bond Guidance Document

# Preliminary Smart School Investment Plan Expenditures

Project	Estimated Expenditure	
Security Camera Enhancements	$2,000,000	**Install High Tech Security**
Physical Security Improvements	$5,300,000 $3,500,000	
Server Modernization	$250,000	**Install High Speed Broadband**
Wireless Network Expansion	$500,000	
PC Modernization	$200,000 $1,250,000	**Acquire Learning Technology**
Laptop Carts	$750,000	
Interactive Whiteboards	$0 $750,000	
Maker Space and STEM Resources	$175,000	
Multimedia Studio and Streaming	$250,000	

Security Modernization

▶ Single software management suite for security cameras, door access, staff IDs, intrusion alarms for an all-inclusive single security suite.

▶ Replace analog and older cameras with new HD IP Cameras

▶ Integrate door access, security alarms
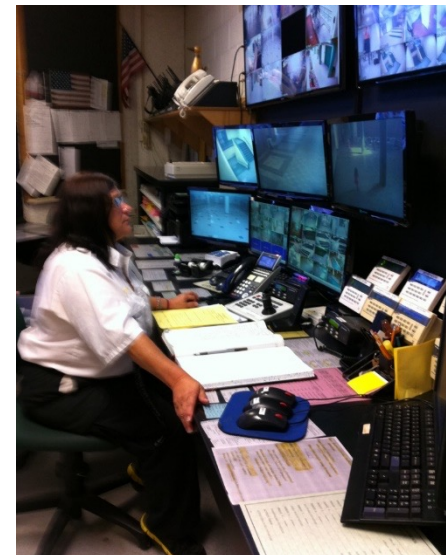
Security Modernization

- ▶ Secured network
- ▶ Remote access
- ▶ Increase Storage
- ▶ Safeguard footage for legal proceedings

Physical Security Improvements

Modification of Entrance Vestibules

Renovate entrance vestibules to function as full security vestibules with dip-windows and security glass, and maintain adjacency of primary Guard station.

Physical Security Improvements
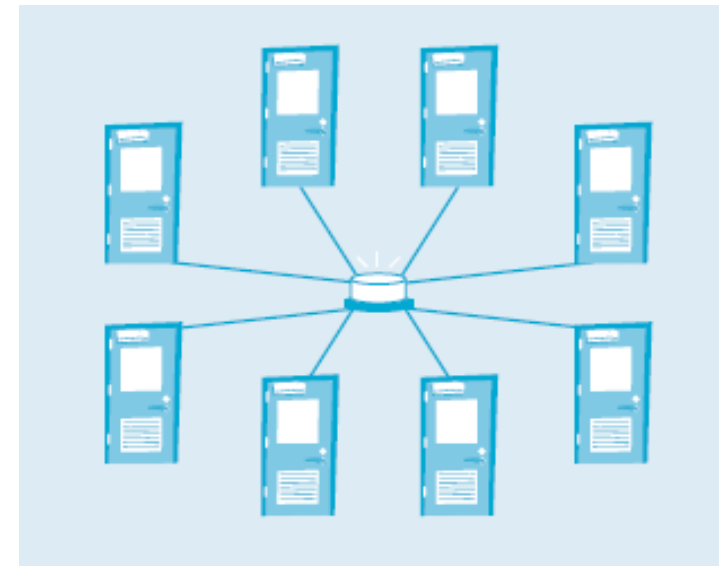
Expand Exterior Door Access System

✓ Include coverage of all exterior doors for "door ajar" notifications via an operating system layered with security cameras

✓ Activate fob access via ID Cards, unify system and relate authorization to Active Directory Database

Physical Security Improvements

Replace Classroom Doors and Locks

Existing Classroom Doors

New Doors with:
-Consistent Size Glass Panes with Safety Film
-New Closers to Replace Obsolete Closers
-Card-based WiFi or Wireless Locks…….

Physical Security Improvements

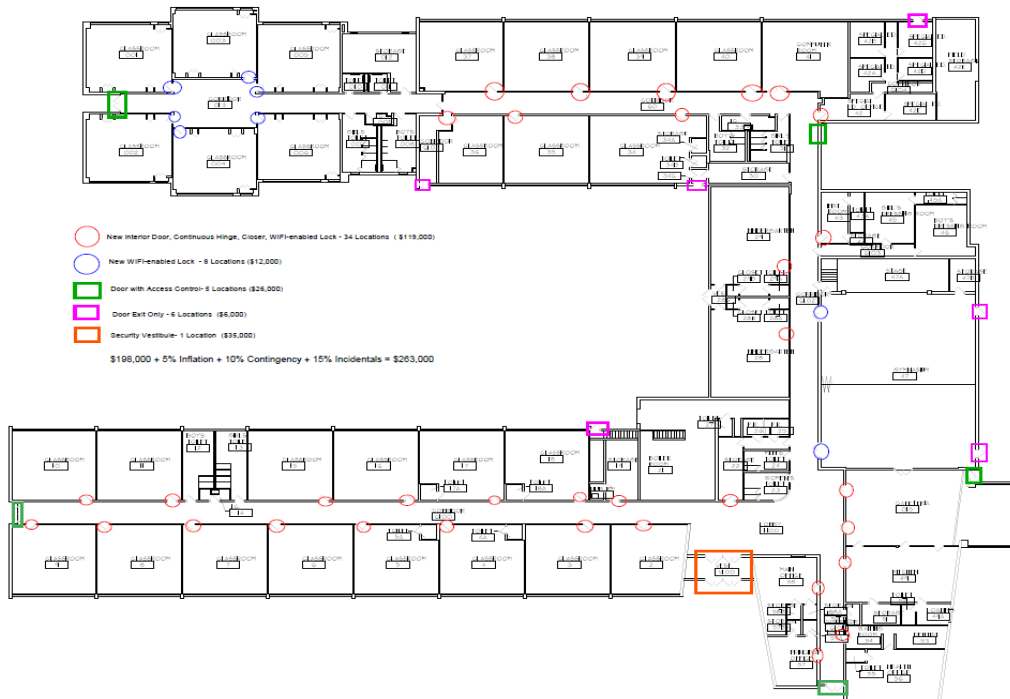Replace Conventionally Keyed Locks with WiFi/Wireless Technology

Conventional Door Locks are Replaced with WiFi/Wireless Technology to Simplify Lock-Downs and the Potential of Weakened Security and Expenses Resulting from Misplaced Keys

Physical Security Improvements

Burglar/Intruder Alarm

New interior Door, Continuous Hinge, Closer, WiFi-enabled Lock - 34 Locations ($119,000)

New WiFi-enabled Lock - 8 Locations ($12,000)

Door with Access Control- 5 Locations ($26,000)

Door Exit Only - 6 Locations ($6,000)

Security Vestibule- 1 Location ($35,000)

$198,000 + 5% Inflation + 10% Contingency + 15% Incidentals = $263,000

Utilize Door Access System and Camera System to Function as Burglar Alarm System Thereby Replacing the Existing Obsolete Burglar Alarms

Student Technology Devices

Laptop Carts

Additional Laptop Carts at each school to ensure adequate saturation for instruction, research and future on-line State testing.
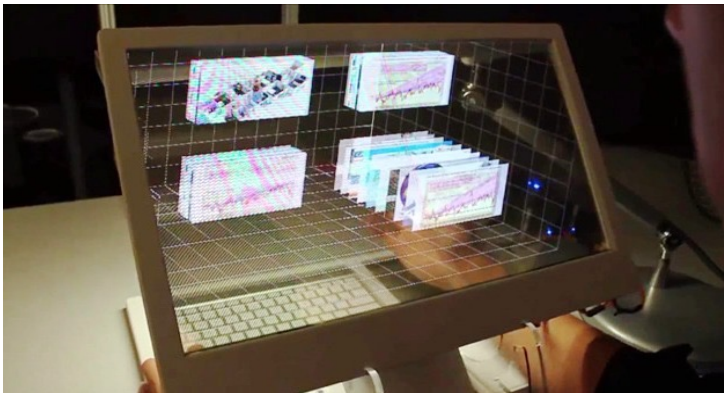
Student Technology Devices
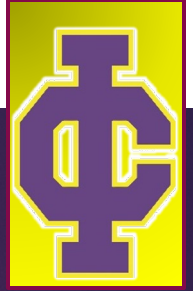
PC Replacement

Replace aging classroom and lab computers with brand new touch screen modern workstations and 3D technology in some science rooms.
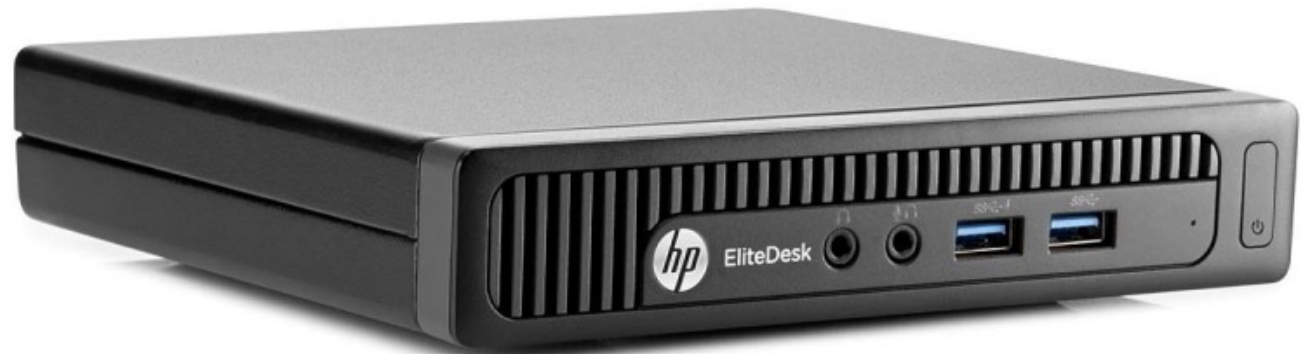
Student Technology Devices

PC Replacement

Replace aging SmartBoard and SmartTV computers with brand HP Elite Mini computers with additional processing and memory speeds.
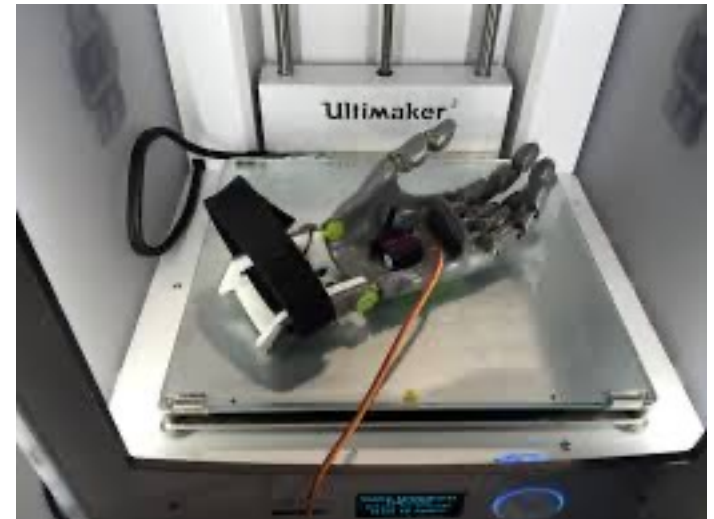
Student Technology Devices

3D Printers

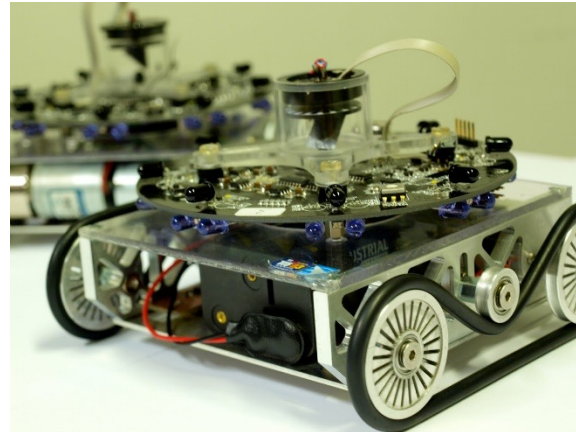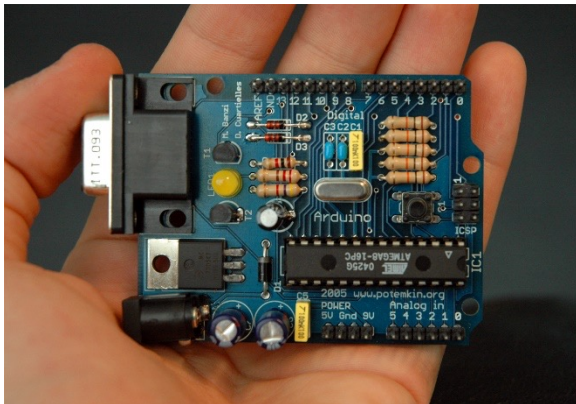Enhance technology and some science classroom experiences with 3D Printers

Student Technology Devices

Arduino and LittleBits Electronics resources & Robotics Enhancements

Add some robotics to our elementary science curriculum Littlebits while enhancing the Middle School and High School programs.

Student Technology Devices

Virtual Reality Stations

Virtual Reality learning experience, including science, expeditions, coding, communication and distance learning.

Multimedia Studio and Streaming

▶ Updated TV Studio

▶ Audio Recording Capabilities

▶ Mobile Streaming Carts

▶ Web Conferencing and Distance Learning

▶ Multimedia Live Streaming and Broadcasting

Next steps

- Public Posting of Final Approved Plan on the District Website

- Submission for State Review

- Questions?