



**Central Islip School District  
Smart Schools Investment Plan (SSIP)  
BOARD APPROVED 10/17/2016**



# 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.

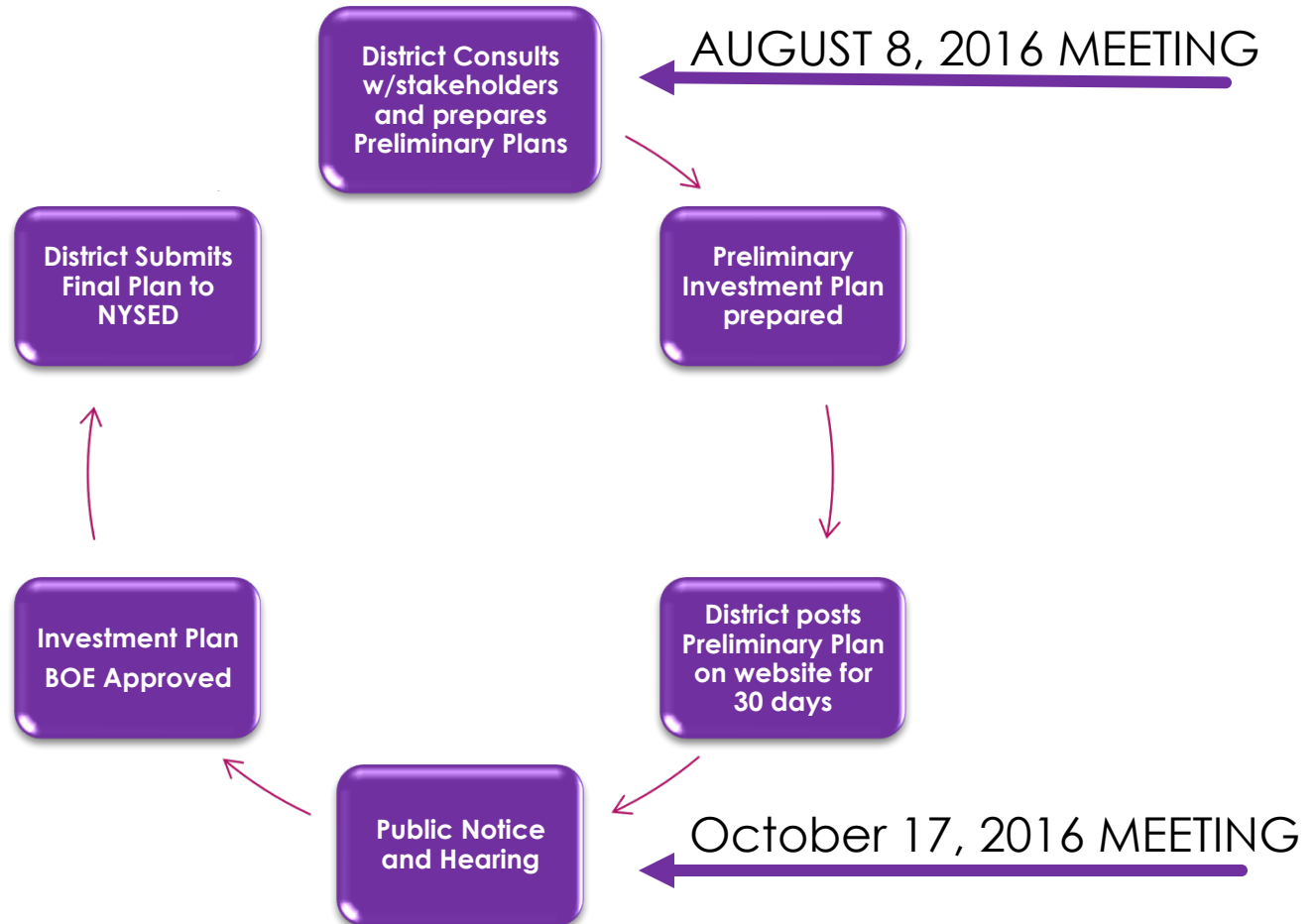


# District Allocation

- ▶ 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.

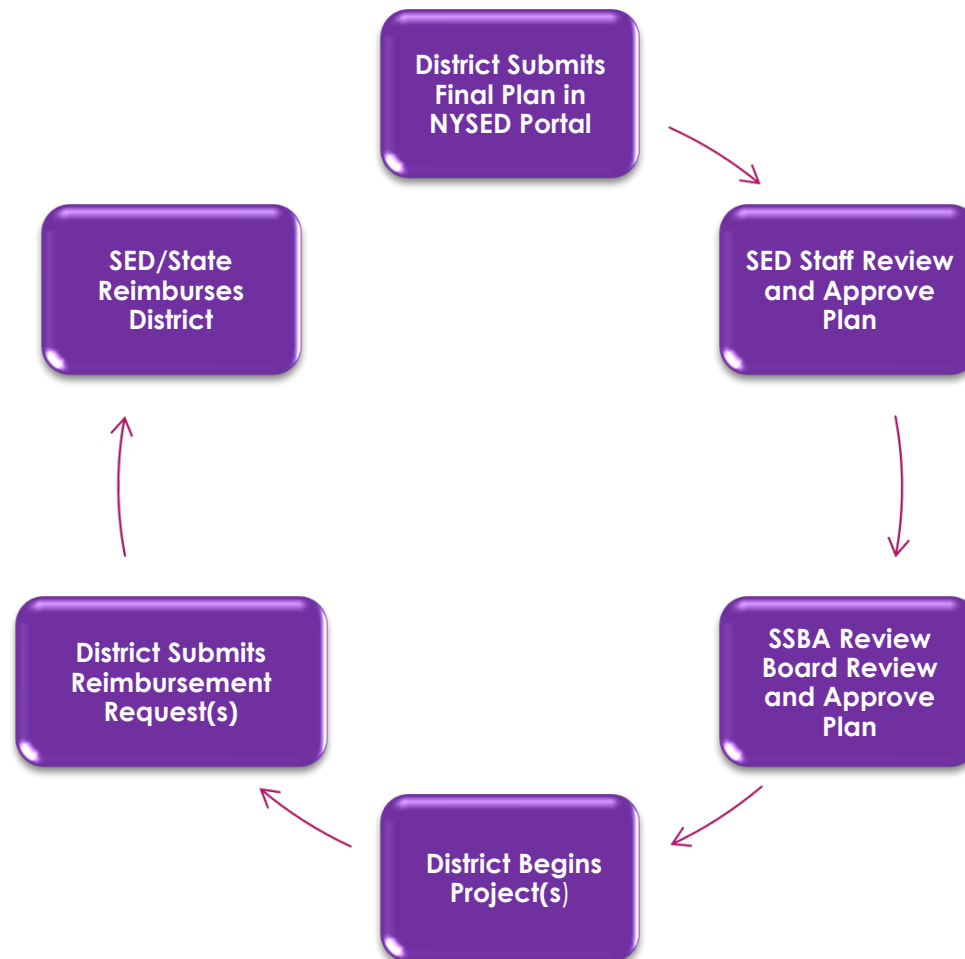


# SSIP District Process





# SSBA Review Board Process





# 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.
- ▶ This 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
Physical Security Improvements	\$3,500,000
Server Modernization	\$250,000
Wireless Network Expansion	\$500,000
PC Modernization	\$1,250,000
Laptop Carts	\$750,000
Interactive Whiteboards	\$750,000
Maker Space and STEM Resources	\$175,000
Multimedia Studio and Streaming	\$250,000
<b>Total Expenditure:</b>	<b>\$9,425,000</b>

**Install High Tech Security**

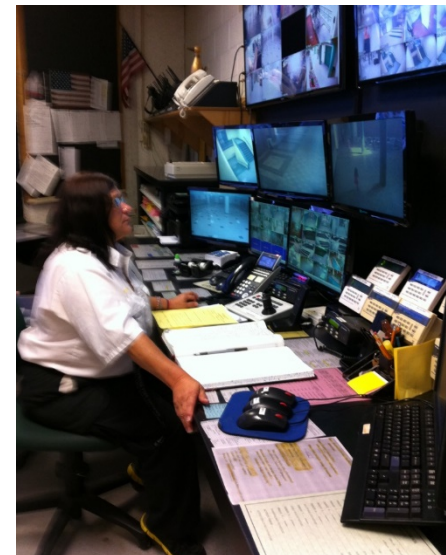
**Install High Speed Broadband**

**Acquire Learning Technology**



# 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.



INTERBANK  
EQUIPMENT

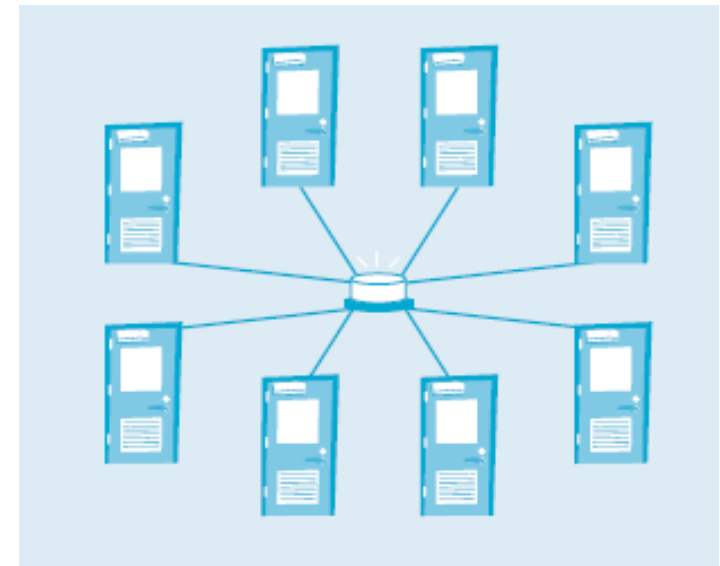




# Physical Security Improvements

## 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

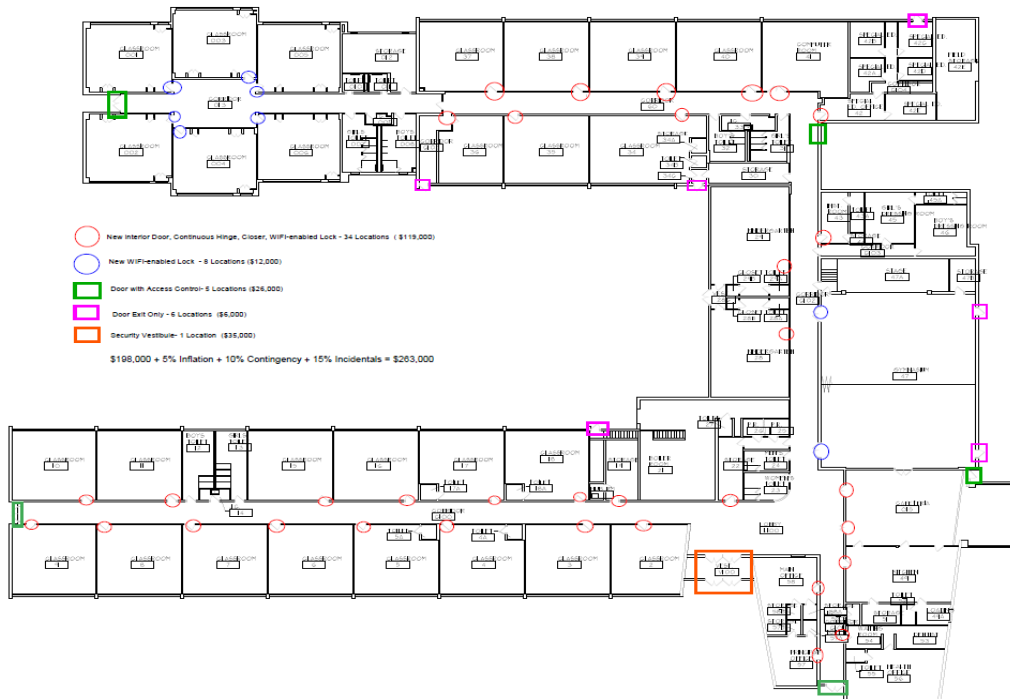


Conventional Door Locks are Replaced with WiFi/Wireless Technology to Simplify Lock-Downs and the Potential of Weakened Security and Expenses Resulting from Misplaced Keys



# Physical Security Improvements

## Burglar/Intruder Alarm



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.

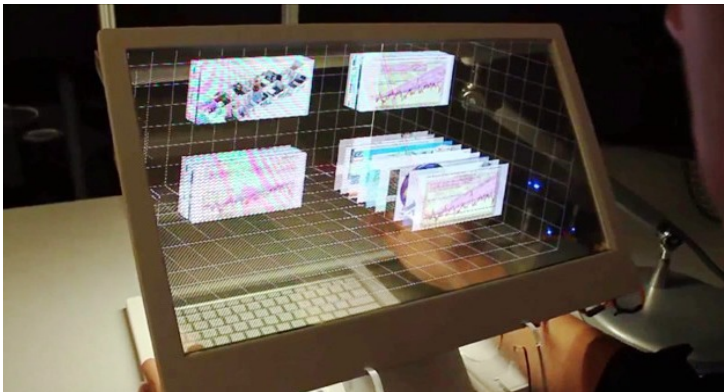


# Student Technology Devices



## PC Replacement

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



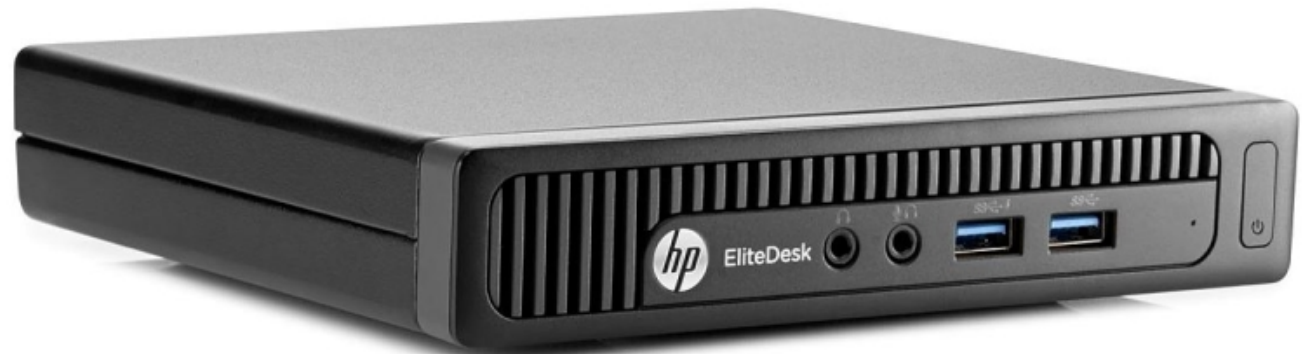


# Student Technology Devices



## PC Replacement

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

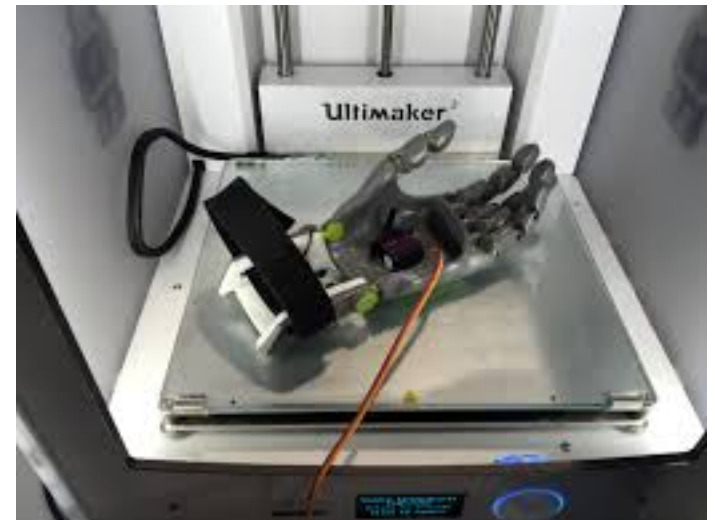


# Student Technology Devices



## 3D Printers

Enhance technology and some science classroom experiences with 3D Printers

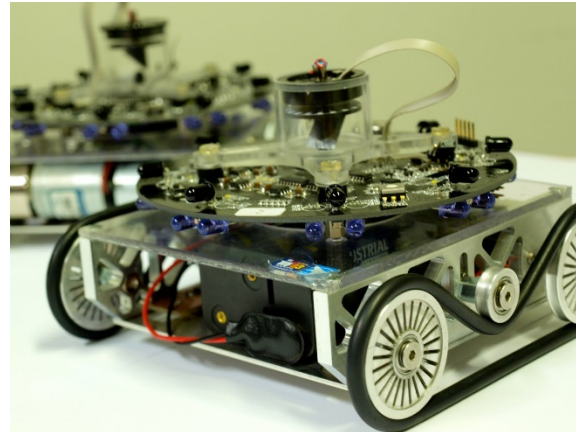
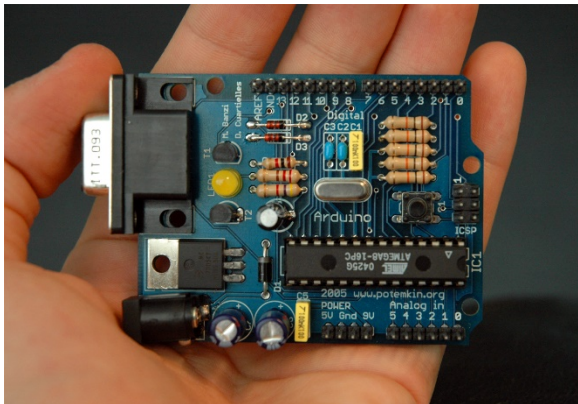


# Student Technology Devices



## 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

