

### Smart Schools Bond Act of 2014

\$2 Billion authorized to NYS Schools

- \$895,011 – MECS Allocation

Can be used for:

- High-speed connectivity
- Purchasing learning technology
- interactive whiteboards
- computer servers
- computing devices
- Modernize Physical Facilities
- Install High-Tech Security

### Capital Construction

- Modernize Physical Facilities
- Computer Servers
- Computing Devices
- High-Speed Connectivity
- Learning Technology
- Interactive Whiteboards
- High-Tech Security

### Year Approval

All received for use after fiscal year 2014. Funds cannot be used for any other purpose.

### Targets To Achieve Vision

- Modernize Physical Facilities
- Computer Servers
- Computing Devices
- High-Speed Connectivity
- Learning Technology
- Interactive Whiteboards
- High-Tech Security

### Where Are We In The Process?

George Mason University is a leading provider of technology services.

- Project Management
- Data Analysis
- Project Support

Technology: Core-based project technology needs

- Infrastructure
- Security
- Network Capabilities

Hardware: Core-based technology needs

- Hardware
- Software
- Services

### What Do We Still Need To Do?

- Infrastructure
- Security
- Network Capabilities

### Technology Vision

MCS's vision will be provided with respect to the current and future technology needs through the purchase and installation of high-quality solutions and a strategic approach to technology.

# Smart Bond 2017

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- Purchasing learning technology
  - interactive whiteboards
  - computer servers
  - modernize Pre-K facilities
- Install High-Tech Security

### Vote Approval?

For approval, the measure must be approved by a majority of the voters in each district.

### Application Process

- New York State of Education
- State Office of General Services
- Local Education Agency
- State Office of General Services
- State Office of General Services

### Where Are We In the Process?

- Technology Planning Commission (TEC) for the Statewide
  - Technology Assessment
  - Data Development
  - Data Analysis
  - MECS Allocation
- Technology Commission identified technology needs, infrastructure, and security.
- Content
  - Security
  - Network Systems
- Key Stakeholders and their roles in plan development:
- State Office of General Services
  - Local Education Agency
  - Community involvement

### What Do We Still Need To Do

- Develop a plan for the Statewide
- Identify key stakeholders
- Develop a plan for the Statewide
- Identify key stakeholders

### Technology Vision

MECS funds will be provided to support instruction and staff development through the purchase and installation of technology. Through the purchase and installation of technology, the goal is to provide a high-quality, secure, and reliable technology environment for all students.

### Targets To Achieve Vision

- Modern Technology Infrastructure
- Data and Analytics
- Student Support
- Assessment
- Professional Development
- Security and Privacy
- Statewide Connectivity
- Local Education Agency
- State Office of General Services
- State Office of General Services

# Smart Bond 2017

# Application Process

## 1. Review Allocation Amount

- \$895,411

## 2. Identify District Needs

- Technology Committee
- Strategic Planning
- 7&1

## 3. Stakeholder Engagement

- Parents
- Teachers
- Students
- Community Members

## 4. Capital Planning

- Building Condition Survey

## Voter Approval?

Not required because the district is not issuing debt.

Funds cannot be used for projects already funded by local bonds.

# Where Are We In the Process?

Strategic Planning is invested in aligning PD to Technology needs.

- Formative Assessment
- Web Development
- Data Analysis
- iPad/Tablet Apps

Technology Committee prioritized technology needs.

Infrastructure

- Cameras
- Switches
- Wireless Systems

Facilities Committee contributed input in plan development

- Facilities Committee Meeting
- Community Involvement

# What Do We Still Need To Do

Involve student stakeholders

Establish a Long-Term Sustainability Plan

Write our Investment Plan

Hold a Public Hearing

Submit our Plan

Implement

## Technology Vision

MECS students will be provided with relevant instruction and build their technological literacy through the guidance and instruction of highly-skilled educators with a technology-based pedagogical approach in a safe and secure environment.



# Targets To Achieve Vision

- Modern Technology Infrastructure
- Computer Lab Upgrades
- Flexible Classroom Environment
- Classroom Computer Access
- User-Friendly Website
- Secure Building Campuses
- Classroom Technology PD
- 1:1 Devices
- Formative Assessment Apps
- Community Connectivity

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- Modernize Pre-K facilities
- Install High-Tech Security

### Vote Approval?

For approval, voters must approve the measure.  
Voters must be able to understand the measure.

### Application Process

- New York State of Education
- State Office of General Services
- Local Education Agency
- State Office of Information Technology Services
- State Office of Planning and Budget

### Where Are We In the Process?

- Identify Priority (selected multiple) for the program.
- Technical Assessment
- Data Development
- Data Analysis
- MECS Data Apps
- Technology Committee identified technology needs, infrastructure
  - Capacity
  - Security
  - Wireless Systems
- How Will Success Be Measured? (to be developed)
- Public Consultation Meeting
- Community Involvement

### What Do We Still Need To Do

- Develop a plan for implementation
- Identify key personnel to lead
- Develop a timeline
- Identify key stakeholders
- Identify key resources

### Technology Vision

MECS goals will be provided with ongoing instruction and support through the guidance and instruction of technology integration with a technology based pedagogical approach in a safe and secure environment.

### Targets To Achieve Vision

- Modern Technology Infrastructure
  - Connect all Approaches
  - Student Capacity
- Assessment
  - Personalized Learning
  - Student Learning Outcomes
  - Collaborative Learning
  - K-12 Learning
  - Personalized Learning Apps
  - Community Connections

# Smart Bond 2017