



# *Smart Schools Investment Plan*




**Rochester City School District  
October 2016**

# What is the Smart Schools Bond Act?

- Passed in the 2014-15 Enacted Budget and approved by the voters in a statewide referendum held during the New York State 2014 General Election on Tuesday, November 4, 2014.
- Authorized the issuance of \$2 billion of general obligation bonds to finance improved educational technology and infrastructure to improve learning and opportunity for students throughout the State.
- The Rochester City School District has been allocated \$47,234,577 for this purpose. This will be paid to the District by New York State as reimbursement for technology expenses under the plan.

# Our Vision



***To create an educational culture that empowers students to succeed in the learning process by utilizing technology as a support for learners to become prepared for college, career and life.***



# Requirements to Attain Funding

- Submit Three Year District Technology Plan to the State
- SED Facilities Department Preview of RCSD Plan
- Board approval of Preliminary Smart Schools Investment Plan
- Preliminary Smart Schools Investment Plan - Public Hearing
- Post Preliminary SSIP for 30 days for community comments
- Board approval of a Final Smart Schools Investment Plan
- Post the Final SSIP on the district website
- SSIP submission to NYSED for approval

# Smart Schools Timeline

- |                       |   |
|-----------------------|---|
| <b>April 2015</b>     | Smart Schools Instructions sent to Districts from State Ed (SED)  |
| <b>Oct 2015</b>       | RCSD Technology Plan Approved by SED  |
| <b>Jan-March 2016</b> | Meet with Stakeholders <ul style="list-style-type: none"><li>- Internal: Digital Curriculum Focus Group, Superintendent, SPED, Library, Edison (Complete)</li><li>- SUNY (In Process)</li><li>- Non-Public Schools (Complete)</li><li>- Students (Complete)</li></ul> |
| <b>April 28 2016</b>  | Board approves Preliminary Plan   |
| <b>April 28 2016</b>  | Posting of Plan for Public Review   |
| <b>May 31 2106</b>    | Public Hearing on Plan  |
| <b>June 16 2016</b>   | Board Approves Final Plan   |
| <b>July 1 2016</b>    | Final Plan submitted to SED   |
| <b>July-Sept 2016</b> | SED approval of spending plan   |
| <b>Oct 2016</b>       | Begin implementation of plan – Year 1   |

# Smart School Plan Presentations

- Board of Education
  - Board Finance Committee:
    - 4/21/2016
    - 6/9/2016
  - Board Business Meeting:
    - 4/28/2016
    - 6/16/2016
- Superintendent: 2/10/2016
- Leadership Team: 3/9/2016
- Principals: 5/19/2016
- Assistant Principals: 5/23/2016
- Teachers
  - 5/23/2016
  - 6/6/2016
- Non-Public Schools: 3/3/2016
- Students: 2/24/2016
- Parent Advisory Committee: 3/10/2016
- Unions
  - ASAR: 4/27/2016
  - RTA: 4/27/2016
  - RAP: 5/13/2016
  - Bente: 6/9/2016
- Public Hearing: 5/31/2016

# Plan Overview

**SSBA Allocation: \$47,234,577**

School Connectivity	<b>\$6M</b>
Connectivity Projects for Communities (Community Broadband)	<b>\$6M</b>
Classroom Technology	<b>23.9M</b>
Non-Public School	<b>\$339,750</b> (\$250 per student)
Replace Transportable Classrooms <i>* Actual schools identified</i>	<b>\$8.5M</b>
High-Tech Security	<b>\$2.5M</b>

# School Connectivity

## **Goal is to Expanded Wi-Fi Coverage District-wide at 22 Buildings**

- Laptops, and Chromebooks can then be used online anywhere in the district
- As devices increase we need to increase the density as well
- The wireless network can accommodate computer-based testing of large numbers of students simultaneously

Additional Network Upgrade Needed in 42 Buildings

**Budget Amount: \$6,000,000**



# Connectivity Projects for Communities

- Support Student 1-1 program with home internet access
- Provides Broadband Capability to Buildings Supporting our Students
  - Libraries
  - Community Centers
- Pursuing the New York State Broadband Grant to Expand Coverage

**Budget Amount: \$6,000,000**

# Classroom Technology

## Pre-K

6 iPads

## K-1

6 iPads

4 Desktop Chromebooks

## Grade 2

6 iPads

4 Chromebooks

## Grades 3-6

1:1 Carts in every classroom

25 Units per cart

## Grades 7-8

1:1 Carts in every classroom

28 Units per cart

## Grades 9-12

1:1 For Every Student

Year 1, classroom carts

Year 2, Take-home

**Considerations:** 12:1:1, 6:1:1 classrooms; Specialized Device configuration for the Virtual Program, Rochester International Academy (RIA), Edison, etc.

**Budget Amount: \$12,500,000**

# Classroom Technology

- **Interactive Boards w/Projectors** – Elementary Classrooms
- **HDTV Secondary Classrooms**
- **Projectors** – Secondary Classrooms
- **Touchscreen Desktops** – Secondary Classrooms
- **Refresh Student Equipment** – 4 Years
  - iPads
  - Chromebooks
  - Carts
- **School Library Configurations:**
  - Smartboards – Elementary School Libraries
  - High Def Monitors – Secondary School Libraries
  - Document Cameras – all libraries
  - 3D Printers to loan to schools
  - Library Computer Lab Updates, as needed

**Budget Amount: \$11,400,000**

# Professional Development



- Differentiated Professional Development
- Online and Face-to-Face Professional Development for Teachers and Administrators
- Engaging Coaches, Mentors and School Technology Leaders
- In-Classroom Coaching for teachers
- Collegial Circles to Share Best Practices – Teachers and Administrators

*Technology + Teacher Professional Development focused on pedagogy =*

**POSITIVE STUDENT OUTCOMES**

# Non-Public Schools

- \$250/student allocation for all Rochester City Non-Public Schools

**Budget Amount: \$500,000**

# Replace Transportable Classrooms

- Eliminate Aging Transportable Classrooms
- Augment Funding for Facilities Modernization Program – Phase II FMP
- Funding will be allocated to the following schools:
  - George Mather Forbes School No. 4
  - Dr. Walter Cooper Academy School No. 10
  - John Walton Spencer School No. 16

**Budget Amount: \$8,500,000**



# High-Tech Security Features

- Replace Aging Analog Cameras (approximately 729) with High Resolution Digital Ones
- Expand Storage For Video
- Expands Coverage (add approximately 200 cameras)

**Budget Amount: \$2,500,000**

# *RCSD's Digital Transformation!*

