

SMART SCHOOLS BOND ACT

Preliminary Investment Plan

2015-16

TABLE OF CONTENTS2

PLAN OVERVIEW.....3

PRECONDITIONS.....3

PURCHASE PLAN.....3

ALLOCATION OF FUNDS 3

PLAN GOALS4

ENHANCE DIFFERENTIATED INSTRUCTION 4

EXPAND STUDENT LEARNING INSIDE AND OUTSIDE THE CLASSROOM 4

ENHANCING COMMUNICATION AND TECHNOLOGY PARTNERSHIPS4

PROFESSIONAL DEVELOPMENT4

SUSTAINABILITY.....4

PROVISIONING AND DISTRIBUTION TIMELINE5

PLAN OVERVIEW

The Rye Neck UFSD was allocated an estimated \$174,999.00 as part of the Smart Schools Bond Act. Based on the Technology Master Plan adopted by the District the plan for utilizing the funds available is to further enhance Classroom Learning Technology

PRECONDITIONS

As a precondition to utilizing the funds the District has ensured that there is adequate internet bandwidth in excess of 100Mbps per 1,000 students to sustain the increase of more classroom devices.

Additionally the proposed plan aligns closely with the current three year Technology Plan Survey currently approved and on file with the NY State Department of Education.

PURCHASE PLAN

The District plans to purchase Acer C740 (or equivalent model) Chromebooks. These units will have 4 GB of RAM and 16GB solid state hard drives. They will support the AC wireless standard and have 11" screens. They will be purchased with the Chrome OS Management license so that they can be added to the District's existing Google Apps for Education (GAfE) domain. They will be purchased with sleeves and anti-theft engraving to ensure the units are well protected. Those units allocated for classroom use will be kept in new Bretford Cabinets which provide centralized charging and secure storage.

ALLOCATION OF FUNDS

	<i>Sub-Allocation</i>
<i>Interactive Whiteboards</i>	
<i>Computer Servers</i>	
<i>Desktop Computers</i>	
<i>Laptop Computers</i>	\$154,999.00
<i>Tablet Computers</i>	
<i>Other Costs (Chromebook Carts)</i>	\$20,000.00
<i>Totals:</i>	\$174,999.00

PLAN GOALS

ENHANCE DIFFERENTIATED INSTRUCTION

The purchase of well over 200 Chromebooks will significantly increase student access to technology devices, online access, and collaborative student centered learning opportunities. Students in a particular class can access independent content and contribute at their own pace to classroom discussions and activities. Teachers and students will be able to leverage online content that appeals to the individual abilities, needs, and interests of each student as each student will have access to their own device during a class session. Additionally students will be able to share findings and thoughts in a collaborative environment in real-time

EXPAND STUDENT LEARNING INSIDE AND OUTSIDE THE CLASSROOM

Increased access to devices capable of efficiently accessing the GAfE Domain maintained by the District will allow students to more easily manage their online portfolio of work and content while in school. Content they develop in GAfE is then accessible to them anywhere they have access to the internet including but not limited to their homes, smart phones, public libraries... etc. This school/home connection is a key component of our goals for twenty first century learning.

ENHANCING COMMUNICATION AND TECHNOLOGY PARTNERSHIPS

The proposed increase in classroom technology will further foster the online community already established by the District's implementation of GAfE. This online environment will continue to become the hub of student learning activities and the core content repository for the District. This will allow the District to share more information with the community and key stakeholders including parents and technology partners as well as provide an efficient and effective set of tools for student engagement and collaboration.

The devices proposed are capable of leveraging the multimedia conferencing capabilities of the GAfE platform and will allow more interaction with other technology and education partners over greater distances.

PROFESSIONAL DEVELOPMENT

The District recognizes the importance of ongoing and sustained professional development for staff and students and subscribes to the LHRIC Model Schools Emerging Technologies Service. This provides two professional development specialists in our schools for a total of two days every week for the entire school year. These specialists work elbow-to-elbow with teachers, employing the SAMR technology framework to move teachers along the continuum. Each of the professional development specialists maintains multiple, up-to-date Google certifications, New York State Administrator certification and at least ten years of classroom experience.

SUSTAINABILITY

The District is committed to working new devices purchased through the Smart Schools bond into the equipment replacement cycle already in place. Each year over the next 4 years an allotment of funds will be budgeted for the normal repair costs of a percentage of the total devices. After 4 years devices will be

replaced and/or reallocated in order to ensure the equipment stays current and new technology is supported.

PROVISIONING AND DISTRIBUTION TIMELINE

Once the Investment Plan is approved by the state, equipment will be purchased in accord with the District's purchasing policies. Once equipment arrives the IT staff will prioritize the unboxing, inventorying and provisioning of the equipment. Based on the proposed quantities, equipment should be in place and operational within 30 days of its arrival.

The district will include this new equipment in its existing inventory database and monitor it to ensure equipment is securely maintained in its designated locations. The District's comprehensive asset insurance policy will be updated to reflect the additional equipment as well.