Santa Barbara
SCHOOL DISTRICTS
Excellence for All

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Date: September 15, 2009

To: Dr. J. Brian Sarvis, Superintendent

From: Robin Sawaske, Associate Superintendent

Subject: Approval of Measure I Parcel Tax Site Plans for Math, Science and Technology for Adams, Franklin, Harding, Home School Santa Barbara, McKinley, Monroe, Roosevelt, Santa Barbara Community Academy and Washington Schools.

Action Agenda: X

Background
The Measure I Citizens' Oversight Committee met on September 14, 2009 to review math, science and technology site plans that have been submitted so far this school year.

The Citizens' Oversight Committee reviewed the site plans to ensure that they meet the spirit and intent of the parcel tax ballot language. The committee discussed with staff the criteria used to identify anything that could be construed as supplanting rather than supplementing a school program in the plans.

The prices of common technology items will be standardized through the district purchasing department.

Plan
The Citizens' Oversight Committee accepted the plans and recommended that they be submitted to the Board of Education for formal approval.

Fiscal Impact
No fiscal impact to the Unrestricted General Fund. Expense not to exceed $122,318.00.

Funding Source
Measure I Parcel Tax.

Recommendation
The board approves Measure I Parcel Tax Site Plans for math, science and technology for Adams, Franklin, Harding, Home School Santa Barbara, McKinley, Monroe, Roosevelt, Santa Barbara Community Academy and Washington schools.

Attachment(s)?	X	***Yes*** *(please attach)*		**No**		*PowerPoint*		*Overhead*		*Consultant*

Equal opportunity employer/non-discrimination on the basis of race, color, ancestry, national origin, marital status, sex, sexual orientation, religious creed, physical handicap (including AIDS), medical condition (cancer-related), age (over 40), or political affiliation.

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Adams Elementary School

P-2 ADA 08-09 514.16

Allocation per student 32.19

2009-10 Site Plan Budget = $16,550

Site Plan:

Adams Elementary School plans to purchase 7 Laptop computers @ $581.00 each to be used by the classroom teachers. The teachers will use the laptop computers to deliver the new Envision Math curriculum to the students in conjunction with the 14 document cameras we will also purchase @ $789.53 each. We just purchased LCD projectors for each classroom teacher from our lottery funds. Therefore, every K-6th grade Adams classroom teacher will now have a document camera, LCD projector and laptop computer to use with Envision Math and our Science curriculums.

1. **Laptop Computers** – LVO SL500 T5870 160 GB 2GB XPP, MFG#: LVO-2746MJU, Contract: CALSAVE CATALOG 519589
   Unit Price: $581.00 x QTY: 7 Laptop computers = $4,067 plus tax: $366.03 = **$4,433.03**

2. **Document Cameras** - Lumens DC 265
   Unit Price $789.53 x QTY: 14 document cameras = $11,053.42 plus tax: $994.80 = **$12,048.23**

TOTAL: $16,481.26

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Franklin Elementary School

P-2 ADA 08-09 494.06

Allocation per student 32.19

2009-10 Site Plan Budget = $15,903

Site Plan:

Subject	Students Served	Monetary Needs
Math: Envision Visual Learning Animation CD-ROM ($99.00 each)	K-6 Purchase a total of 17 so every classroom including Special Education will have their own copy.	17 x $99.00 = $1,683.00
Science: Houghton Mifflin Interactive Reading Support ($ 8.80each)	1-6 Purchase a total of 560 interactive reading support workbooks to help students access the curriculum.	560 x $8.80 = $4,928.00
Technology: Purchase overhead projectors and ceiling mounting kits for each classroom so students can watch interactive curriculum learning bridges for the Envision Math Program, access the SBCEO for Science Portal videos to show to students, and the READ 180 story starters.	K-6 Purchase a total of 8 ceiling mounts ($450.00) and 8 projectors. ($700.00)	8 x $450.00 = 3600.00 8 x $700.00 = 5600.00 Total= $9,200.00 Overall Total = $15811.00

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Harding Elementary School

P-2 ADA 08-09 477.58

Allocation per student 32.19

2009-10 Site Plan Budget = $15,373

Site Plan:

After discussing the use of the funds with preschool through sixth-grade teachers through the Harding School Leadership Team, parent leaders, the library technician, and the district librarian in June 2009 and again in August 2009, we identified an agreed-upon use of the funds: upgrading the library to support the implementation of the International Baccalaureate (IB) Primary Years Programme (PYP) at Harding School. Specifically, we are requesting that the funds are used for 12 laptop computers, 12 Microsoft Office Suite licenses, and a mounted LCD projector for the library. The computers will be used on a daily basis by teachers and students for inquiry-based learning experiences aligned with the PYP transdisciplinary units of learning. Currently, there are three student desktop computers in the library acquired through private funding in 2005. There is a screen, but no LCD projector. Our new vision of the library includes: reorganization of the space, increased library collection emphasizing internationally-focused books for students, and increased technology. In the IB PYP, the library is the center of the learning environment and it serves as a library media center where children can learn through books and technology. We believe that this is our greatest need to help launch the IB PYP at Harding School.

Harding School is not requesting the use of these funds for mathematics or science because these are areas that are well supported through other means. Over the past four years, Harding School has made major investments in mathematics and science funded by site categorical budgets, grants, and partnerships. Specifically, in the area of mathematics, all teachers participated in a year-long professional development program to learn Math in the City, a research-based mathematics program that uses inquiry as a core strategy. All teachers also received accompanying curriculum and materials for hands-on mathematics. This year, our teachers are using a new state-adopted mathematics program, EnVision, which includes all materials and professional development. In the area of science, Harding School Site Council has continued to provide ongoing funding for a credentialed science teacher who provides instruction to all students in grades K-6 in the Harding Science Lab that is stocked with materials purchased through site funds and donations.

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

McKinley Elementary School

P-2 ADA 08-09 427.53

Allocation per student 32.19

2009-10 Site Plan Budget = $13,762

Site Plan:

McKinley plans on using the funds to upgrade the technology at our site. The purchases will include twelve Mac Books (from Apple) and the necessary AppleCare Protection Plan. McKinley will use other site funds to purchase twelve KVM switch ports and six laser printers to enhance the impact of the Mac Books. All of the materials mentioned will upgrade our ability to utilize our newly adopted math program (EnVision) and our school's math intervention program (Accelerated Math). Both of these programs are greatly enhanced when students have access to computers and printers. These Mac Books would be used by students to differentiate learning, provide intervention, assess and provide immediate feedback to students and teachers. Additionally, the KVM switch ports allow for teachers to easily switch between two sources when projecting images. Typically, teachers must unplug and replug cables when using both a computer image and a document camera. The savings in time, effort and energy has an immediate impact on learning. Finally, the protection plan, obviously, would provide the piece of mind that our computers would be insured against theft and/or damage. Here's the break-down of the costs:

12 Mac Books= $11,338
AppleCare Protection Plan= $2,196
Total Cost= $13,584

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Monroe Elementary School

P-2 ADA 08-09 474.52

Allocation per student 32.19

2009-10 Site Plan Budget = $15,274

Site Plan:

Monroe Elementary School and the Santa Barbara School Districts are implementing an exciting reading intervention program by the name of READ 180. Monroe has committed valuable classroom space and site dollars to hiring a teacher to be trained in the curriculum, to organize the program, set up the physical space and to teach the curriculum throughout the current school year.

We have found a few of computers on site that will work in the program, but we need ten more to allow for full implementation. We will also need two document readers and projectors to use in two classrooms for READ 180.

The following costs will fill out our major needs:

10	Computers @ $1,300	$13,000
2	Document readers and Projectors @ $1,200	$ 2,400
	Total	$15,400

For the 2010-2011 school year, Monroe would like to further develop our Mastery Math program by continuing to refining this curriculum which allows students to learn math concepts to mastery at their current working level. We have students who work well beyond their grade levels in math while other are mastering math at their current grade level and still others are working below grade level. Mastery Math addresses the needs of students at all levels. We have been revising and aligning the program to standards and further refinements will increase its efficacy.

For the 2011-2012 school year, Monroe would like to bring staff development in science to the staff and to reinvigorate our science lab on site.

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Roosevelt Elementary School

P-2 ADA 08-09 533

Allocation per student 32.19

2009-10 Site Plan Budget = $17,156

Site Plan:

Roosevelt School will be allotting this year's funding from the parcel tax to continue to upgrade our school's technology (hardware) in order to support our Science and new Mathematics program. Our plan is to purchase one new laptop for each regular education classroom that does not have an up-to-date classroom computer (approximately 20 new computers.) This will enable students to use the internet in the classroom to access resources that will complement and extend the science curriculum. (Roosevelt is fully wired for internet access.)

In addition we will be purchasing document cameras and LCD projectors that are valuable teaching aids for both Math and science.

Approximate costs:

20 Computers (laptops) @$750.00 each = $15,000
2 LCD projectors @ $ 500.00 each = $1000.00
2- 3 Document Cameras $1,156

As this year we are implementing a new curriculum, we will do a needs survey of what we need to supplement/augment our Mathematics instructional program and focus on expenditures for this during the 2010-2011 school year.

Please note: Current classroom computers are models over 12 years old and do not connect to the internet reliably nor are they compatible with most new software and instructional materials (DVDs) that come with the Science and Math programs. This opportunity to upgrade our classroom technology to support science teaching, in particular, is vital and much appreciated.

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Santa Barbara Community Academy

P-2 ADA 08-09 276.02

Allocation per student 32.19

2009-10 Site Plan Budget = $8,885

Site Plan:

Santa Barbara Community Academy will be using the funds available to purchase primarily technology materials and equipment. Nonetheless, the technology will be integrated into the classroom to be used for the math and science curricula. Santa Barbara Community Academy will spend **$1200** on **licensing for Microsoft Office** to be installed on twenty computers. These computers will, in turn, be used for student and classroom presentations, using Excel and PowerPoint.
Santa Barbara Community Academy will spend **$500 on flash drives** for students to be able to keep their Excel and PowerPoint Presentations. The flash drives will be kept by the teacher and will be remain in the classroom, regardless of student mobility.
Santa Barbara Community Academy will spend about **$800 on lamps (light bulbs) for the projectors,** which are connected to the classroom's document cameras. These are used to show examples and manipulatives, especially in Mathematics.
Santa Barbara Community Academy will purchase **one more document camera and projector combination at $1400** for one of its classrooms.
In order to reliably and consistently connect wirelessly to the internet, Santa Barbara Community Academy will purchase three **high quality wireless hubs for a total of $3000.**
Santa Barbara Community Academy will budget **$200 for three CD/Cassette players** to be used by three teachers to instruct students in the science curriculum.
Santa Barbara Community Academy will also spend **$200 on internet cables** to connect some of the computers to the internet.
Finally, Santa Barbara Community Academy will budget about **$200 for some math manipulatives, namely geometric shapes**.
There is a balance of approximately $1385, which is needed to pay for sales tax at 8.75% and shipping and handling costs.

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Washington Elementary School

P-2 ADA 08-09 552.57

Allocation per student 32.19

2009-10 Site Plan Budget = $17,786

Site Plan:
Washington Elementary School is planning to use the parcel tax funds to replace the aging computer lab here on campus. The computers currently in our computer lab are 5-7 years old. The most recent computers are Gateway computers, which are no longer under warrantee due to the collapse of that company. We also have an insufficient number of machines to accommodate the new, larger class sizes.

This upgrade is supported by our technology plan. In that plan, Washington has been working through a series of recommendations. We have established an email system, provided all teachers with a working laptop, provided some professional development, and are beginning to use that technology (in conjunction with Edusoft) to establish a student data collection system that can be tracked over time. However, we are at the point that in order to move forward on developing and implementing a scope and sequence of technology skills for our students, we need to upgrade the computer lab so that we have reliable, working, and modern equipment.
Washington is working with its Parent-Teacher Organization to leverage the parcel tax funds. With the support of the PTO, Washington is prepared to lease over thirty new computers. The cost of the lease is $13,454 per year for three years. Using these funds, Washington School will cover 100% of the cost of the first year. We know that the amount for math, science, and technology may shrink as the music program grows, so in year two, Washington School will be responsible for 50% of the lease, and the PTO will be responsible for the other 50%. The third and final year, the PTO will pick up 100% of the lease payment.

I have attached a letter of support from our PTO President, Lisa Fell, as well as the financing quote from Apple computer.

The remaining parcel tax dollars will be used in two ways. First, funds will be used to support the lab with paper, toner, blank CD's, and other items necessary for that program. This will be $2332 in supplies.

Second, Washington would like to use the remaining funds - $2000 - to purchase two LCD projectors and one document camera. These items will go toward supporting the District's new math program. The new math materials include electronic documents that can be projected. As teachers become more and more familiar with the materials, we hope to augment their teaching with the proper equipment. By upgrading the lab, Washington is able to identify, develop and teach a coherent scope and sequence of technology skills. This supports our technology plan.
The lab also supports our science program, as students are able to use the Internet for research purposes.

The additional LCD projectors and document camera will support the new EnVision math program, as well as the previously adopted science program. Both of these subjects are enhanced by the ability to project the electronic materials available with both adoptions.

Budget:

Lease 32 iMacs, iWork site license, 1 day prof. Development:	$13,454
Technology Supplies:	$2,332
LCD projector (2); Document camera (1):	$2,000
TOTAL:	**$17,786**

Preliminary Parcel Tax Site Plan

Math, Science and Technology Materials and Equipment

Home School Santa Barbara

P-2 ADA 08-09	50.61
Allocation per student	32.19

2009-10 Site Plan Budget = $1,629

Site Plan:

We would like to use these funds to purchase more Math and Science teacher guides to place in our curriculum lending library for use by our parents and to buy more consumable workbooks in math and science.