

CBOC Technology Report

Technology Expenditures from 2011-2015

The District is authorized to spend bond funds on technology by both the language of the California Constitution and the direct language of Measures D & E

The California Constitution allows the expenditures of bond funds for purposes specified in Article XIII A, Section 1(b)(3). **This Article allows use of bond funds for the “furnishing and equipping of school facilities.” Technology and information systems and hardware is considered furnishing and equipping the facilities for their intended educational use.**

Furthermore, in developing the specific school facilities projects that will be funded, **Article XIII A, Section 1(b)(3)(B) directs the District to consider “information technology needs” in developing the list of projects.**

Finally, the language of both Measures D & E as approved by the voters, defines projects as including technology upgrade and District-wide wiring and instructional technology projects.

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INCURRING BONDED INDEBTEDNESS

Cal. Const., art. XIII A, §18, subd. (b)(3):

Bonded indebtedness incurred by a school district, community college district, or county office of education for the construction, reconstruction, rehabilitation, or replacement of school facilities, [including the furnishing and equipping of school facilities](#), or the acquisition or lease of real property for school facilities, approved by 55 percent of the voters of the district or county, as appropriate, voting on the proposition on or after the effective date of the measure adding this paragraph. This paragraph shall apply only if the proposition approved by the voters and resulting in the bonded indebtedness includes all of the following accountability requirements:

(A) A requirement that the proceeds from the sale of the bonds be used only for the purposes specified in Article XIII A, Section 1(b)(3), and not for any other purpose, including teacher and administrator salaries and other school operating expenses.

(B) A list of the specific school facilities projects to be funded and certification that the school district board, community college board, or county office of education has evaluated safety, class size reduction, [and information technology needs](#) in developing that list.

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MEASURES D & E BALLOT OR RESOLUTION LANGUAGE:

Measure D: “To make schools safe, complete essential health/safety repairs, qualify for State matching grants, shall West Contra Costa Unified School District upgrade schools for earthquake safety/handicap accessibility, remove asbestos, upgrade restrooms, vocational classrooms/**technology**/energy systems to reduce costs, install lighting and security systems, acquire, repair, construct, equipment/sites/facilities, by issuing \$380,000,000 in bonds within legal rates and bonding capacity limits with independent audits, citizen oversight, and no money for administrators' salaries?”

Project List: “Upgrade classrooms to support core academics, math, science, reading and writing; Upgrade computer and science labs; [District-wide Wiring and Instructional Technology For Effective Learning and Job Training Projects](#)”

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MEASURES D & E BALLOT OR RESOLUTION LANGUAGE:

Measure E: "To make schools safe, complete essential health/safety repairs, qualify for State matching grants, shall West Contra Costa Unified School District upgrade schools for earthquake safety and handicap accessibility, remove asbestos, upgrade science labs, restrooms, vocational classrooms, **technology** and energy systems to reduce costs, install lighting and security systems, and acquire, repair, construct, equipment, sites and facilities, by issuing \$360,000,000 in bonds within legal rates and bonding capacity limits with independent audits, citizen oversight, and no money for administrators' salaries?"

Exhibit B (Full Text Ballot Proposition): "To make schools safe, complete essential health and safety repairs, qualify for State matching grants, shall West Contra Costa Unified School District:...upgrade restrooms, vocational classrooms, **technology** and energy systems to reduce costs?..."

Project List: "Upgrade classrooms to support core academics, math, science, reading and writing; Upgrade computer and science labs; [District-wide Wiring and Instructional Technology For Effective Learning and Job Training Projects](#)"

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Goal and Purpose: To upgrade computer technology, improve both current instruction methods and to expand job training programs by applying modern technology infrastructure such as:

- Provide and maintain upgraded technology, data and communication equipment.
- Upgrade and expand wireless systems, telecommunications, Internet and network connections.
- Upgrade and replace computers, hardware and software systems.
- Upgrade and replace classroom furniture, equipment and instructional aids.
- Upgrade media and audio/visual equipment.
- Expand bandwidth to allow students greater access to the Internet.
- Install up-to-date learning technology and equipment used in job training programs.

Technology Plan

- Our WCCUSD Technology Plan was approved by the Board on March 26, 2014.
- The WCCUSD Technology Plan supports upgrading district infrastructures, increasing capacity and the use of tablet technology to enhance and support the Common Core curriculum. These initiatives are in alignment with the goals and objectives contained within the WCCUSD LCAP and Strategic Plan.

Projects to Support Plan

- **Firewall** – Purchase a larger box with more capacity, flexibility and capabilities. Our current appliance will not keep up with the demand. **BOND FUNDED**
- **Content Filter** – Purchase larger box (more sophisticated) to accommodate more devices. Hopefully, this solution will be a component of the firewall and not a separate device. This is necessary for ERATE compliance.
GENERAL FUNDS
- **SPAM Filter** – Purchase larger box to accommodate more devices. **BOND FUNDED**
- **Voice over IP Phone System** – Upgrade existing VoIP and provide all sites with the same communication system. Take advantage of current technology which will combine voicemail with email services. **ERATE & GENERAL FUNDS**
- **Fiber Build** – Install 10 Gb fiber from all sites to Information Technology Center. Bandwidth will not need to be increased for years. **ERATE & GENERAL FUNDS**
- **1 to 1 Computing** – Start with carts and expand based on pilot data. **BOND FUNDED**
- **Wireless Infrastructure** – Upgrade all sites to provide wireless access. **BOND FUNDED**
- **Assessment System** – Purchase a more robust and easy-to-use assessment system in order to make better data-driven decisions regarding our students. **MICROSOFT VOUCHER**
- **Data Center** – Upgrade servers and increase storage capacity. **BOND FUNDED**

Technology Expenditures 2011 - 2015

Elementary Schools	Elementary Schools (cont)	Middle Schools	High Schools	Adult Ed	Information Technology
Cameron \$79,449 Chavez \$8,616 Collins \$87,957 Coronado \$850,418 Dover \$570,120 Ellerhorst \$202,492 Fairmont \$199,919 Ford \$539,697 Grant \$11,929 Hanna Ranch \$271,396 Harding \$212,593 Highland \$10,840 Kensington \$155,309 King \$415,264 Lake \$17,857 Lincoln \$7,128	Lupine Hills \$289,571 Madera \$190,659 Mira Vista \$203,611 Montalvin \$73,859 Murphy \$166,710 Murphy \$73,859 Nystrom \$251,185 Ohlone \$529,039 Olinda \$171,008 Peres \$166 Shannon \$70,067 Sheldon \$133,549 Stege \$9,450 Stewart \$122,932 Tara Hills \$237,547 Valley View \$87,833 Wilson \$11,007 Total \$6,110,124	Crespi MS \$182,283 Dejean MS \$555,464 Helms MS \$39,425 Pinole MS \$492,449 Portola MS \$405,776 Total \$1,675,397	De Anza HS \$1,610,081 El Cerrito HS \$162,265 Gompers HS \$121,021 Hercules HS \$367,569 Kennedy HS \$456,552 Middle College \$25,510 North Campus \$287,119 Pinole Valley HS \$982,496 Richmond HS \$205,722 Vista HS \$645,622 Total \$4,863,956	Alvarado \$167,168 Serra \$85,883 Total \$253,051	Central Admin and Information Technology Total \$16,760,116

Grand Total

\$29,662,644

Technology Expenditures 2011 - 2015

Elementary Schools	\$6,110,124
Middle Schools	\$1,675,397
High Schools	\$4,863,956
Adult Education	\$253,051
Information Technology	\$16,760,116
Grand Total	\$29,662,644

Total Expenditures to date for Projects and District-Wide Initiatives

Bond Funds at Work

Richmond HS Before and After



Questions?