

STATUS REPORT

Technology in the hands of teachers and students is critical to teaching and learning and meeting District instructional goals. BSEP funds are the only funds that provide schools with staff to keep technology working. Technicians' tasks include supporting students, teachers and staff by keeping computers and other technology up-to-date and operational, to help integrate technology with the curriculum, to support teachers in using Illuminate, and to help technology committees and School Governance Councils make decisions about technology needs and purchases.

Until the passage of the Measure I facilities bond in November 2010, there were no District monies outside of BSEP for the purchase of network infrastructure and other technology. Measure I has provided funds for installing wireless throughout the District. Currently, Measure I provides \$523,000 per year through 2019-20 to improve District technology infrastructure. In 2016-17, the majority of that money was used to improve wifi and short-throw projector installations.

The District working group known as DigiTech continued to meld Technology staff, Library staff, and the Instructional Tech Teachers on Special Assignment (TSAs) to focus on integrating technology into the regular school day.

In addition to Tech Department staff, the BSEP Technology budget also funds stipends for Tech Teacher Leaders (TTLs) at each school. The program began in second semester 2014-15. One teacher from each K-8 school and a group of three from the high schools met monthly with the DigiTech team and worked at their sites to improve teachers' use of technology in classrooms.

DigiTech and TTLs, in concert with school techs provided by BSEP, significantly furthered the use of technology in classrooms as well as provided the means for the District to perform well on the Smarter Balanced Assessments (SBA) in all 3-8 grade classrooms, and grade 11 at Berkeley High School and the Berkeley Technology Academy (BTA).

One major accomplishment of 2016-17 was the work of a planning group of middle school teachers, principals and staff, chaired by the Instructional Technology Coordinator Allison Krasnow and the Library Coordinator Becca Todd. The workgroup agreed on a framework for:

- Schools committing to Digital Citizenship lessons based on Common Sense Media materials
- Teachers (grades 6) committing to becoming Google Certified Educators
- Teachers agreeing to use technology for certain projects in the 3rd-4th-5th grade curriculum
- District agreeing to provide Chromebook carts so students have a Chromebook available in each 4th and 5th grade and one cart for every two 3rd grade classrooms.

When we offered this program to schools in spring of 2016, we were pleasantly surprised that all 11 elementary schools decided to participate in the plan. In all, 70 of our elementary educators (primarily grade 3-5 teachers, but also literacy coaches, resource teachers, principals, etc.) are Google Certified and another 30 followed alternative methods to achieve the same Professional Development.

In 2016-17, the technology department added two vital leadership positions: a Technology Supervisor who supervises the seven Computer Technicians based in the schools, including the Adult School, and the Instructional Technology Coordinator who leads the curriculum and school-based work of teachers integrating technology into their daily practice. The Technology Supervisor position was filled in October 2015. The Instructional Technology Coordinator position was filled July 1, 2016.

Combined, these two positions along with existing staff and the Tech Teacher Leaders have created a strong leadership team to move Berkeley schools forward using technology in the classroom. Planning is moving forward this year on how to approach 1:1 access for students in 7th grade classrooms next year, and how to make better use of existing and additional Chromebook carts in secondary schools in 2018-19.

Unfortunately, the Instructional Technology Coordinator position is funded from one-time Common Core funding and will be eliminated June 30, 2018.

Progress on 16-17 Smart Goals:

1. All 3rd-5th grade teachers will learn to integrate Google Classroom at a staff meeting in September, led by their Technology Teacher Leader.

Result: This goal was met.

2. By September 2016, all 3rd-5th grade classrooms will have a 2:1 ratio of Chromebooks per student, with 1 cart shared between 2 classrooms. In 4th and 5th grades, teachers who have become Google Certified Educators, will have additional Chromebooks for a 1:1 student to device ratio.

Result: This goal was met.

Additionally, at least 75 K-12 teachers will attend the DigiTech August Institute with workshops led by BUSD teachers.

Result: The plan changed — instead of all teachers, a secondary math August Institute was held. 36 teachers attended.

3. At least 70% of 3rd-6th grade teachers will become Google Certified Educators (or pass the Berkeley Alternative Certification) by September 2016.

Result: In actuality, all but two teacher grades 3-5 are Google Certified, and those two are new teachers who have committed to finishing by Winter Break. Sixth grade teachers are also 100% Google Certified.

4. All 8th grade teachers will have a 2:1 ratio of students to Chromebooks, and will use technology weekly with students.

This goal is being met.

5. At least 75% of middle school math and 6th grade science teachers will attend STEM-focused professional development in August 2016. *See goal 3.*

**BERKELEY UNIFIED SCHOOL DISTRICT
 BERKELEY SCHOOLS EXCELLENCE PROGRAM (BSEP)
 TECHNOLOGY (Measure A, Resource 0862)
 Revenue and Expenditures
 Annual Report FY 2016/17**

Purpose

Nine percent (9%) of the available revenues *shall be dedicated to providing professional development for the District's teachers and staff, to assessing the effectiveness of the District's educational programs for improving student achievement, and to providing and maintaining computers and technology in schools.*

Budget Manager: Jay Nitschke, Director of Technology

	Unaudited Actuals 2015/16 As of 6/30/16	Adopted Budget 2016/17 As of 7/1/16	2nd Interim Budget 2016/17 As of 1/31/17	Unaudited Actuals 2016/17 As of 6/30/17	2nd Interim Budget vs. Unaudited Actuals 2016/17
REVENUE	799,677	793,595	792,440	800,993	8,553
EXPENDITURES					
Certificated Salaries (1)	39,289	73,206	70,030	60,236	(9,794)
Classified Salaries (2)	394,270	462,431	447,211	456,651	9,440
Employee Benefits (1)	177,254	226,848	224,218	220,956	(3,262)
Materials, Supplies & Equipment	71,603	60,000	88,700	74,204	(14,496)
Unallocated Reserve	0	13,415	4,479	0	(4,479)
Services & Other Operating Expenses	8,606	0	15,300	13,990	(1,310)
Indirect Costs	45,193	53,581	54,543	52,949	(1,594)
TOTAL EXPENDITURES	736,215	889,481	904,481	878,986	(25,495)
NET INCREASE (DECREASE)	63,462	(95,886)	(112,041)	(77,993)	34,048
FUND BALANCE ANALYSIS					
Beginning Fund Balance	67,658	131,120	131,120	131,120	0
Net Increase (Decrease) in Fund Balance	63,462	(95,886)	(112,041)	(77,993)	34,048
Ending Fund Balance	131,120	35,234	19,079	53,127	34,048

Notes

- (1) Certificated Salary savings from vacant Technology TSA position
- (2) New Technology Services Supervisor position created and partially funded by this Resource. Director and Student Systems Specialist moved to the General Fund.