

# INSTRUCTIONAL TECHNOLOGY

BSEP Measure E1, Resource 0762

BSEP Measure A, Resource 0862

**ANNUAL REPORT: FY 2018-19**

**UPDATE: FY 2019-20**

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## Measure E1 Purpose:

*Providing instructional technology in schools, and access for students to computers and instructional technology<sup>1</sup>*

**Budget Manager: Jay Nitschke, Director of Technology**

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### Certificated Salaries & Stipends

*Budget: \$78,514*

*Actual: \$69,985*

*Variance: (\$8,529)*

- TSA for Instructional Technology 0.50 FTE<sup>2</sup>
- Tech Teacher Leader Stipends

### Classified Salaries

*Budget: \$465,903*

*Actual: \$471,579*

*Variance: \$5,676*

- Computer Technicians 6.20 FTE
- Technology Supervisor 0.75 FTE

### Employee Benefits

*Budget: \$253,487*

*Actual: \$240,414*

*Variance: (\$13,073)*

### Materials, Supplies and Equipment

*Budget: \$88,783*

*Actual: \$63,429*

*Variance: (\$25,354)*

### Services and Other Operating Expenses

*Budget: \$10,217*

*Actual: \$10,217*

*Variance: 0*

### Indirect Costs

*Budget: \$53,696*

*Actual: \$50,739*

*Variance: (\$2,957)*

### Fund Balance

*Beginning: \$74,443*

*Ending: \$147,796*

*Increase: \$57,900*

## RESOURCE SUMMARY

The cost of staffing for technology requires most of the funds in the BSEP Resource, leaving the amount available for technology purchases at about \$8 per student.

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<sup>1</sup> BSEP Measure E1, Section 3.B.iv

<sup>2</sup> Multi-funded: BSEP PD 0.5

### Measure A Funds

During the 2018-19 year, funds were expended from the Measure A resource for technology (0862), which had a beginning fund balance of \$21,738. A revenue transfer from the unexpended Measure A budget from the shared allocation for technology, evaluation and professional development provided an additional \$150,000. Expenses for materials, supplies, equipment and indirect costs totalled \$171,103, eliminating the Measure A fund balance.

### **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 resource that provides 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 Site Councils make decisions about technology needs and purchases.

Until the passage of the Measure I Facilities Bond in November 2010, there were no District funds outside of BSEP for the purchase of network infrastructure and other technology. Measure I funded wifi throughout the District. Measure I currently provides \$523,000 per year through 2019-20 to improve District technology infrastructure. In the past three years, 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 of 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 Computer Techs provided by BSEP, significantly furthered the use of technology in classrooms as well as provided the means for students in the District to complete the computer-adaptive Smarter Balanced Assessments (SBA) in all 3-8 grade classrooms, and grade 11 at Berkeley High School and Berkeley Technology Academy (BTA).

With the progression of one cart per classroom becoming the norm in middle school classrooms, the elementary school norms were also put in place at middle schools:

- Schools are committing to Digital Citizenship lessons based on Common Sense Media materials
- Teachers (grade 7-8) are committing to becoming Google Certified Educators
- Teachers are agreeing to use technology for certain projects in the curriculum
- District is agreeing to provide Chromebook carts in classrooms in 4th - 8th grade, plus one for every two third grade classrooms.