



The PVUSD Technology Use Plan will be revised and updated annually to maintain a status as a living document. This Technology Plan will be reviewed to ensure compliance and consistency with the LCAP. To accommodate this, the district Technology Coaches, Liaisons (which represent a group of classroom teachers), and the members of the core Technology Services team, will review the plan annually and update as needed.

This plan outlines technology use within PVUSD along the areas of Curriculum and Instruction, Professional Development, Technology Infrastructure and Access, and the Budget that supports these aspects. For each section, the details encompass both the current state as well as goals for improvement or further development of programs. For each section, the pertinent LCAP goals are listed. Finally, data is provided from the district's annual technology use survey which has been taken each year in the fall from 2015-2017, with plans to take it again in the spring of 2019.

PVUSD Technology Use Plan: 2017-18

Curriculum and Instruction

- Professional Development: Technology Integration to support Standards-based instruction (please see Professional Development section below)
- Technology ToSAs collaborate with Ed Service's curriculum coaches to share resources and skills
- Provide resources to address technology integration CCSS standards (especially college/career readiness)
- Maintain clear and detailed access to existing digital resources, including web-based subscriptions and licenses
 - Current paid resources:
 - Manga High
 - Accelerated Reader
 - Edgenuity
 - BrainPop
 - Kidblog
 - WeVideo
 - Lexia
 - SchoolLoop Plus
 - Illuminate
 - Resources and software lists maintained on www.pvusd.net/edtech, including free vetted resources



- Continue to shift to digital resources where applicable for all curricular areas, include analysis of digital resources for new curriculum resources
- Include technology use in teacher and administrator professional review and hiring
- Student Digital Literacy and Citizenship
 - Cyber safety education covering 4 topics:
 - responsible use of social networks
 - avoiding online solicitations
 - cyberbullying
 - understanding digital copyright laws
 - Site responsibility to schedule assemblies/instruction twice a year for each student
 - Technology Coaches provide resources and promotion of digital citizenship lessons within the context of instruction for more frequent and consistent exposure to various
 - Through collaboration with various district departments, such as Student Services and Migrant Ed, provide parent outreach and family literacy programs on appropriate technology use
- Staff Digital Literacy and Citizenship
 - Enroll in TAPD course to promote good digital literacy and security habits for staff

LCAP Correlation

Goal 1 - specifically LA/Math technology embedded CCSS and college and career readiness

Goal 2 - specifically CTE includes technology embedded CCSS and college and career readiness

Goal 4 - specifically technology integration CCSS instruction, access to technology devices and resources

Goal 6 - specifically Digital Literacy skills and ready access to school technology

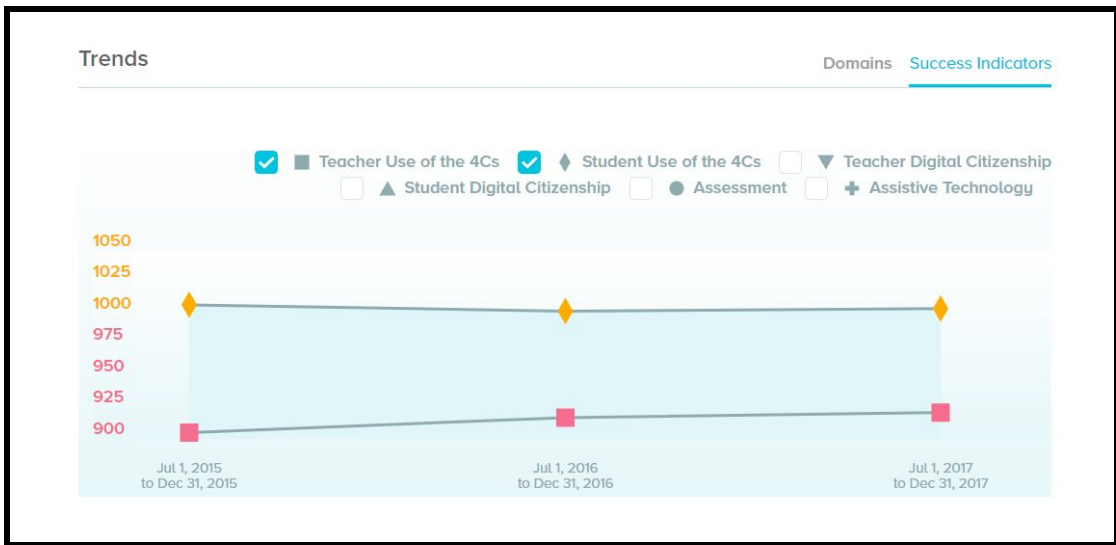
Goal 7 - specifically communication technology tools for parent outreach

Measurable Outcomes

BrightBytes Technology Survey has been used starting 2015 until present. Three surveys are conducted: students (grades 3-12), instructional staff, parents
Respondent numbers: 10,492 students, 1009

Technology Integration

- Use of 4cs (Creativity, Communication, Critical Thinking, Collaboration)



- SAMR

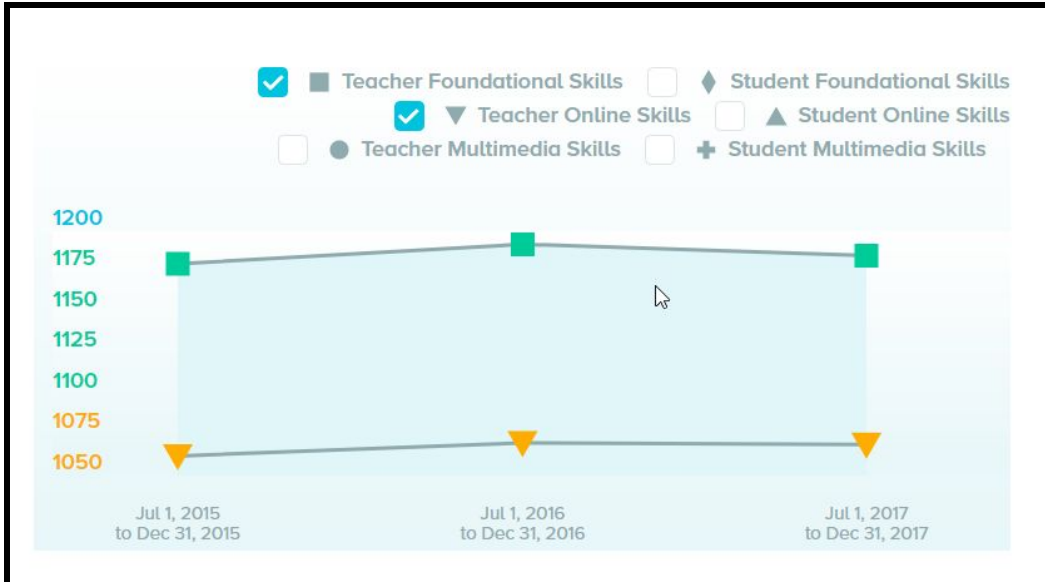
Category	Percentage of Teachers
S UBSTITUTION TECH ACTS AS A DIRECT TOOL SUBSTITUTE, WITH NO FUNCTIONAL CHANGE. Example: Using iBooks to read, annotate and make notes.	23%
A UGMENTATION TECH ACTS AS A DIRECT TOOL SUBSTITUTE, WITH FUNCTIONAL IMPROVEMENT. Example: Using the Speak function and then exporting notes and annotations as the basis for writing.	27%
M ODIFICATION TECH ALLOWS FOR SIGNIFICANT TASK REDESIGN. Example: Turning the activity into a social writing task where outcomes are shared and open to peer comment and review.	8%
R EDEFINITION TECH ALLOWS FOR THE CREATION OF NEW TASKS, PREVIOUSLY INCONCEIVABLE. Example: Writing becomes a multimedia project with hyperlinked choices for the reader and retaining social aspect of task.	6%

PERCENTAGE OF YOUR TEACHERS THAT ARE IN EACH CATEGORY

- Technology included in Admin reviews
 - 38% of teachers report technology use discussions during evaluations (BB, 2017)

Information Literacy

- Teacher and student foundational skills, BB,2017 reported data report advanced Teacher foundational technology skills and proficient online skills



- Dig citizenship (BB data, 2017)
 - 17% of teachers report online presence
 - 16% teachers spend 3+ hours teaching citations per year
 - 18% of teachers spend 3 or more hours teaching Cyberbullying per year
 - 19% of teachers spend 3 or more hours teaching online safety per year

Parents

- Belief of Technology for Learning
 - 76% of parents believe technology use in class can enhance student learning (BB data, 2017)
 - 82% of parents report wanting to learn more about effective technology use for my child's learning (BB data, 2017)

Non BB:

- Student discipline records on Cyberbullying suspension or expulsion
- Principal Digital Citizenship compliance report, required annually

Professional Development

Technology Integration to support Standards-based instruction and staff digital literacy

- Continue to provide instructional technology coaches to support classroom teachers and students, focus is on improving effective use of technology within CCSS, NGSS and CTE
 - Advocate to move Technology TOSA funding from Bond into General Fund



- Continue Technology TOSAs provide a variety of training programs geared towards increasing the development of basic skills to advanced levels of technology integration. Current programs, 2018-19:
 - Technology Academies: comprehensive program to increase digital literacy skills and advanced curricular uses of technology, differentiated based on participants
 - 1:1 Classroom teacher coaching, including lesson planning, classroom support, and lesson modeling
 - 2-3 day workshops during holiday and summer breaks
 - After school trainings
 - Site-based workshops and trainings
 - Independent, self paced online courses
- Advocate for District funded Technology Integration Coaches at sites
 - Pilot to scale Elementary Innovation Coaches
 - Expand Secondary Innovation Coaches to affect all secondary sites
- Maintain Technology Liaison program
 - Expect at least 6 PD opportunities provided/coordinated by each Tech Liaison for their school site each school year
- Technology ToSAs collaborate with Ed Service's curriculum coaches to share resources and skills
- Include technology use in teacher and administrator professional review and hiring

LCAP correlation

Goal 1: (effective use of technology integration with CCSS, career/college readiness)

Goal 4 and Goal 5: (effective utilization of technology tools and resources)

BB supporting data:

- Teacher PD request and evaluation of current PD programs efficacy

