

Campbell Union School District Technology and Innovation Action Plan for 2018-2021

Vision for Digital Learning:

In Campbell Union School District, technology is purposefully integrated throughout the day and across school sites to assist in individualizing learning and increasing student choice and voice. We believe in establishing a culture that is grounded in a willingness to embrace new ideas and ways of learning, leveraging technology to infuse local and global best practices, current trends, and future projections into all conversations about teaching and learning.

Purpose:

This three year plan provides recommendations to move CUSD forward as an innovative place for learning. This plan is closely aligned to our LCAP goals and our Profile of a Graduate.

Campbell Union School District Education Beyond the Expected

We will build the academic core necessary to prepare for college, career and life.

I am...



Self-Directed

I own my learning, set goals, and practice persistence to become curious learners for life.



Innovative

I embrace a growth mindset as a way of thinking that leads to something new and better.



A Critical Thinker

I ask questions to solve problems and evaluate and analyze information to make decisions.



Collaborative

I listen and communicate with an open mind, give and receive feedback, adapt and compromise.



Empathetic

I contribute by being kind and caring to others while considering multiple perspectives.



Technology Guiding Principles

- We provide reliable access to tools and internet
- Learning environments are flexible
- Integration of technology is seamless
- Students and staff model good digital citizenship
- We value student data and privacy
- Students take ownership over determining the right technology tool for the right learning target
- Technology is the vehicle used to provide enhanced opportunities for rich multimedia collaboration and communication within and beyond the classroom
- Teachers and administrators actively explore and implement emerging trends in the effective use of technology for their potential to improve student learning
- Technology Specialists support and propel staff and student use of technology in innovative and purposeful ways

Technology and Innovation Plan 2018-2021

This plan is a living document that will be continuously updated and added to throughout 2018-2021.

Instructional Goals:

Goal #1: Leverage technology to provide high quality teaching and learning that promotes opportunities for application of knowledge.		
<p>Target 1: Research, create, and implement a Tech Integration Matrix, a framework for describing and targeting the use of technology to enhance learning.</p> <p>(3 year development, roll out, and implementation - IS team)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Inventory and assessment of pedagogy through internal surveys, time audits, and outside technology audit of current digital usage and tools <input type="checkbox"/> Develop and refine a CUSD Tech Integration Matrix aligned with High Quality First Instruction <input type="checkbox"/> Build teacher awareness through self-reflection <input type="checkbox"/> Build administrator awareness through guided observations <input type="checkbox"/> Connect to model lessons <input type="checkbox"/> Use district walk throughs to calibrate 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Site walk-throughs using matrix <input type="checkbox"/> Teacher self evaluations <input type="checkbox"/> Observations

<p>Target 2: Expand professional development opportunities, both face to face and online.</p> <p>(ongoing - IS)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Focus PD on lesson design (UDL) <input type="checkbox"/> Build out our online offerings through School of Rock, i.e. CUSD computer science game, CUSD onboarding for new teachers <input type="checkbox"/> Create cohort learning groups, i.e. Innovator’s Cohort to be facilitated through the d.Studio <input type="checkbox"/> Continue to explore and evaluate PD needs and innovative ways of delivery <input type="checkbox"/> Targeted PD opportunities at sites, ex) new strategies to support Web to One roll out 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Teacher surveys <input type="checkbox"/> School of Rock data with eval of the tool each year <input type="checkbox"/> Innovator showcase event at end of school year <input type="checkbox"/> End of year analysis of attendance and offerings
<p>Target 3: Create a Campbell Innovation Hub (Campbell d.Studio) located on the CSI campus, a creative and collaborative learning space for all stakeholders to provide and support professionally driven learning opportunities for school sites and individuals.</p> <p>(3 year development, implementation - Innovation team)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Create the Campbell d.studio space <input type="checkbox"/> Design the d.studio programming which may include parent events, teacher learning cohorts, innovative professional development opportunities, student experiences, and community outreach. <input type="checkbox"/> Develop communication plan <input type="checkbox"/> Develop staffing and support plan <input type="checkbox"/> Develop community partnerships 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> d.Studio website with offerings <input type="checkbox"/> Evaluation through data around attendance and value added through feedback <input type="checkbox"/> List of community partnerships
<p>Target 4: Streamline access to District resources for CampbellUSD teachers and staff</p> <p>(Ongoing - IT)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Continue to populate myCUSD with district tools, procedures, calendars, and resources <input type="checkbox"/> Build school-specific spaces within myCUSD <input type="checkbox"/> Build department-specific spaces within myCUSD <input type="checkbox"/> Complete rollout of LaunchPad extensions and URLs 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Data usage of myCUSD <input type="checkbox"/> Surveys for feedback
<p>Target 5: Access to technology is available to all students, including Special Education, English Language Learners, and underachieving students.</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Work with special education department to research and support best technology tools and applications for meeting unique student needs <input type="checkbox"/> Service Providers - pilot of technology 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Surveys for feedback <input type="checkbox"/> student pre-post samples

(ongoing)	tools/extensions/apps for trial to gather data on access and demonstration of mastery towards IEP goals	
Target 6: Learning Resources will be continually evaluated, updated, and accessible. (ongoing - IS, IT)	Action Plan: <ul style="list-style-type: none"> <input type="checkbox"/> Evaluate current learning resources through a technology use audit <input type="checkbox"/> Streamline access points to resources 	Metrics: <ul style="list-style-type: none"> <input type="checkbox"/> Audit results <input type="checkbox"/> Evaluation of tools/apps

Goal #2: Ensure that students are college, career, and life ready with Profile of a Graduate competencies.		
Target 1: Campbell Union students will adeptly choose the right tool for a variety of learning tasks in order to both consume and produce information appropriate to their learning goal, allowing students choice and individuality in their final demonstration of learning. (ongoing - IS, IT, Admin, Teachers)	Action Plan: <ul style="list-style-type: none"> <input type="checkbox"/> Create “tools for tasks” resource page for students <input type="checkbox"/> Create district showcase events for student work, i.e. STEAM showcase, film festival <input type="checkbox"/> Create digital portfolios for students (K-5 Seesaw) 	Metrics: <ul style="list-style-type: none"> <input type="checkbox"/> Creation of resource page <input type="checkbox"/> Calendared events <input type="checkbox"/> Digital Portfolios
Target 2: Students will develop strong digital citizenship skills with respect to interpersonal behavior as well as safety, plagiarism and copyright law, and will be skilled in computer hardware/software skills through the support of our Technology Scope and Sequence. (ongoing - IT, IS)	Action Plan: <ul style="list-style-type: none"> <input type="checkbox"/> Create a teacher and student audit to self assess current skill levels <input type="checkbox"/> Research and pilot a digital literacy curriculum that aligns with scope and sequence <input type="checkbox"/> Include technology essential standards on report cards <input type="checkbox"/> 	Metrics: <ul style="list-style-type: none"> <input type="checkbox"/> Student report cards <input type="checkbox"/> Teacher and student audit results <input type="checkbox"/> Curriculum data reports
Target 3: Students will receive computer science through the design of an integration plan into K-8 curriculum.	Action Plan: <ul style="list-style-type: none"> <input type="checkbox"/> Identify Computer Science Essential Standards to be added to our Essential Standards Guides <input type="checkbox"/> Evaluate what computer science components and 	Metrics: <ul style="list-style-type: none"> <input type="checkbox"/> Computer Science elective at both middle schools

<p>(3 year development, roll out, implementation - IS, Admin, Teachers)</p>	<p>lessons are currently being taught through our elementary STEAM lessons</p> <ul style="list-style-type: none"> <input type="checkbox"/> Add a computer science elective to middle school programs <input type="checkbox"/> Align work with California Computer Science Standards being released in 2019 <input type="checkbox"/> Design and offer professional development for implementing and integrating computer science standards 	<ul style="list-style-type: none"> <input type="checkbox"/> CS Essential Standards <input type="checkbox"/> Pd offerings
<p>Target 4: Leverage technology tools to support the Profile of a Graduate competencies.</p> <p>(ongoing - IS, IT, Admin, Teachers)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Develop rubrics and self-assessment tools for collaboration, communication, critical thinking, and creativity <input type="checkbox"/> Explore adding innovative electives at our middle schools, i.e. digital music class, digital art class <input type="checkbox"/> Work with local high schools to ensure students are exposed to tools and platforms 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rubrics <input type="checkbox"/> Middle school elective choices <input type="checkbox"/> Examples of student assessments <input type="checkbox"/> Student surveys
<p>Target 5: Students will receive integrated STEAM learning experiences across all grade levels.</p> <p>(ongoing - IT, IS, Site Admin, Teachers)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Continue to implement current STEAM lessons <input type="checkbox"/> Explore and update new equipment for STEAM lessons, i.e. robotics, 3D printers, laser cutters, to support STEAM labs <input type="checkbox"/> Continued coaching support for integrated lessons and lesson design 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Observations on walk-throughs <input type="checkbox"/> Tech Int. Matrix evaluations

Goal #3: Fully engage our parents and community		
<p>Target 1: Parent communication will be improved upon through streamlining and expanding our current systems.</p> <p>(ongoing - IT, IS)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Investigate a Learning Management System (LMS) that might best meet the needs of all stakeholders (Year 1 with roll out and implementation in Year 2 and 3) <input type="checkbox"/> Continue to build on our use of Seesaw as a parent 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Implementation of LMS <input type="checkbox"/> Seesaw parent engagement

	<p>engagement tool with a yearly evaluation of metrics</p> <ul style="list-style-type: none"> <input type="checkbox"/> Google Classroom <input type="checkbox"/> Add transparency to our technology policies and procedures by making them easily accessible <input type="checkbox"/> Determine process and plan to accommodate families who have concerns regarding standard sharing practices <input type="checkbox"/> Provide parents with information regarding what information we share with 3rd parties 	<p>metrics</p> <ul style="list-style-type: none"> <input type="checkbox"/> Organized and clear access to security and data procedures and guidelines
<p>Target 2: Increase parent education opportunities. (ongoing - IS)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Survey parents to discover needs <input type="checkbox"/> Continue to add to Campbell’s Parent University offerings, engaging students as leaders for technology topics and skills <input type="checkbox"/> Design and offer parent classes through Campbell d.studio <input type="checkbox"/> Explore and research the need for an online parent ed resource page/list, create and implement if needed <input type="checkbox"/> Provide Parent Workshop on technology tools for Families with students with special needs with Community Advisory Committee 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Survey results <input type="checkbox"/> Campbell U class list <input type="checkbox"/> Delac presentations <input type="checkbox"/> d.Studio class list <input type="checkbox"/> Attendance data and feedback survey
<p>Target 3: Increase community outreach and parent involvement (ongoing - IS)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Innovation Council through Campbell d.studio <input type="checkbox"/> Develop community design challenges for students <input type="checkbox"/> Develop “world of work” learning experiences and connect parents to career sharing opportunities <input type="checkbox"/> Expand community partnerships 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Innovation Council meeting agendas <input type="checkbox"/> Sharing of events <input type="checkbox"/> Design challenge prototypes shared with community

Informational Technology

Goal #4: Continue to provide reliable access to tools and internet.		
<p>Target 1: Provide 6th through 8th grade students 24 hour access to Chromebooks through a check out and take home program (Web to One)</p> <p>(ongoing - IT, Site Admin)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Inventory existing Chromebook deployment <input type="checkbox"/> Redeploy devices based on Google's Auto Update Policy <input type="checkbox"/> Supplement and replace older Chromebooks before the Auto Update Policies expire <input type="checkbox"/> Develop rolling 5-Year Budget to maintain inventory numbers and support <input type="checkbox"/> Develop communication plan for all stakeholders <input type="checkbox"/> Develop logistics plan 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Student and parent surveys to gather succes/pain point areas <input type="checkbox"/> Increase student wifi access through increased utilization of CampbellUSD network use after-hours
<p>Target 2: Improve our tracking of inventory to better meet the needs of teachers and students.</p> <p>(ongoing - IT)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Create an inventory process <input type="checkbox"/> Implement a full scale inventory of all technology products <input type="checkbox"/> Designate timelines and personnel to complete a yearly inventory 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Completed inventory list <input type="checkbox"/> Outlined process
<p>Target 3: Continue to provide teachers and staff with access to devices of appropriate function in appropriate quantity</p> <p>(ongoing - IT)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Continue District-wide teacher refresh program on a 4-year cycle <input type="checkbox"/> Provide workstations and provision software to classified employees service in instruction-supporting capacities 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Teachers will have up to date devices
<p>Target 4: Continue to add bandwidth to keep up with technology initiatives</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Continue District-wide network refreshes <input type="checkbox"/> Continued installation of multi-gig switching components, circuits, and Wireless Access Points 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Monitor weekly network utilization <input type="checkbox"/> Multi-gig capacity in

<p>(ongoing -IT))</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Monitor high-use WAPs and install additional units to spaces based on need <input type="checkbox"/> Develop rolling 5-Year Budget to maintain and support infrastructure 	<p>all new construction</p> <ul style="list-style-type: none"> <input type="checkbox"/> Retrofit existing construction with multi-gig capacity
<p>Target 5: Continue to provide all students with access to devices of appropriate function in appropriate quantity</p> <p>(ongoing) - IT</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Begin iOS rollout initiative <input type="checkbox"/> Continue District-wide student device refresh <input type="checkbox"/> Begin Middle School Take-Home initiative 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Consistent devices for each grade level across district <input type="checkbox"/> All student Chromebooks should be covered by Google's Auto Update Policy
<p>Target 6: Continue to provide teachers and staff with efficient technical support</p> <p>(ongoing - IT)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Monitor and review technology support through help desk to determine process and/or personnel needs. <input type="checkbox"/> Continue to cross-train staff so that multiple employees are able to respond to all district support needs. <input type="checkbox"/> Continue to provide professional development opportunities for members of CampbellUSD Technology teams 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Help desk data <input type="checkbox"/> Teacher and staff feedback surveys <input type="checkbox"/> Annual training and certification opportunities for Technology teams

<p>Goal #5: All stakeholders will understand student privacy laws and value and protect student data and information.</p>		
<p>Target 1: Increase awareness of student privacy laws for all stakeholders</p> <p>(Ongoing - IT, Admin, Teachers)</p>	<p>Action Plan:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Students will be provided specific lessons on data and privacy <input type="checkbox"/> Teachers and administrators will be provided professional development on student privacy through online platform (School of Rock) <input type="checkbox"/> Parent education and updated information sent home through back to school packet 	<p>Metrics:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Completion data from School of Rock <input type="checkbox"/> Signed parent/student agreements <input type="checkbox"/> Parent education

		event feedback
Target 2: Develop transparent and accessible systems for new applications and tools (Ongoing - IT)	Action Plan: <ul style="list-style-type: none"><input type="checkbox"/> Audit existing 3rd party apps<input type="checkbox"/> Design and implement a process for approving and vetting new applications<input type="checkbox"/> Annually evaluate and update apps	Metrics: <ul style="list-style-type: none"><input type="checkbox"/> App approval process in place