Hacienda La Puente Unified School District
Technology Master Plan

2015-2018

July 2015 – June 2018

Superintendent
Cynthia Parulan-Colfer

Board of Education

Mr. Anthony Duarte	President
Mrs. Penny Fraumeni	Vice President
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District Goals, Vision and Mission Statements

Mission Statement, Hacienda La Puente Unified School District

The Hacienda La Puente Unified School District is a community committed to developing lifelong learners who value themselves and the diversity of all people; apply decision-making skills leading to responsible actions; and use creativity, critical thinking, and problem solving in meeting the challenges of a changing society.

Technology is a key element in guaranteeing a quality education for all students. Technology can provide information and communications that can help support better teaching, learning and collaboration. The purpose of this Technology Master Plan for July 1, 2015 to June 30, 2018 is to articulate a long range strategy for the uses of technology within the district – to identify the instructional and operational needs within the district for which technology can provide tools to complete academic and administrative tasks to support college and career ready graduates.

This plan incorporates recent and foreseeable needs in the support of California Standards. As defined by State Superintendent of Instruction Tom Torlakson in his May 7, 2015 message, the term “California Standards” covers not only English language arts and mathematics found with Common Core Standards but all subject areas including science (or the Next Generation Science Standards), English language development, history-social science, health, physical education, visual and performing arts, and career technical education. The Local Control Accountability Plan (LCAP), Local Control Funding Formula (LCFF) and online assessments are other developments that have occurred since the last technology plan update three years ago that factor into the technology plan.

While programs such as the Federal Enhancing Education Through Technology (EETT) have passed and a technology plan is no longer required by E-rate, this plan is designed to plan for and fulfill the expected needs of future technology funding opportunities. Reaching critical goals depends on improving professional development support, infrastructure, and expanding funding. The outlook for Federal and State funding sources for technology is mending as the economy improves. This plan carefully weighed the cost and benefits of what actions to take. Choices (what to do, what not to do) and Prioritization (what should be done first, second, etc.) were elements in the selection of technology initiatives to move forward and support.

Board of Education Goals

To ensure every student’s success, the Hacienda La Puente Unified School District Board of Education goals are:

Goal 1: All students in the Hacienda La Puente Unified School District will succeed in meeting high standards and achieving at high academic levels.

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Goal 2: The Hacienda La Puente Unified School District will provide a supportive and innovative learning environment rich in the visual and performing arts and a challenging course of study to meet the unique needs of every student.

Goal 3: The Hacienda La Puente Unified School District will attract and retain quality personnel who demonstrate strong, positive leadership that promotes a culture of collaboration and teamwork and creates an environment in which all stakeholders feel respected, valued and are dedicated to every student's success.

Goal 4: The Hacienda La Puente Unified School District will efficiently expend and effectively maximize all resources to fulfill educational priorities, while sustaining and maintaining long-term financial stability.

Goal 5: The Hacienda La Puente Unified School District will provide its students and employees with safe, orderly and clean schools and district sites.

Goal 6: The Hacienda La Puente Unified School District will continue to develop, sustain, recognize, and promote programs of excellence and strong partnerships with parents and the community which result in high levels of success for all students.

The Eight Areas of State Priority for the Local Control and Accountability Plan (LCAP)

- Student achievement
- Student engagement
- Other student outcomes
- School climate
- Basic Services
- Parental Involvement
- Course Access
- Implementation of Common Core State Standards

Seven District Goals for Instruction: All Subjects, Pre-K - Grade 12

1. Continuum of Cognitive Rigor Depth of Knowledge

- Instruction and assessment at all DOK levels.
- Students engage in cross-curricular learning activities and integrated performance tasks.

2. Common Core: Literacy in All Content Areas
    - Reading and writing strategies taught in all content areas.
    - Appropriately complex and rigorous reading material in all classes.
    - Students respond to questions, citing evidence from text.
    - Students write argumentative and informative essays, citing evidence from text and additional resources.

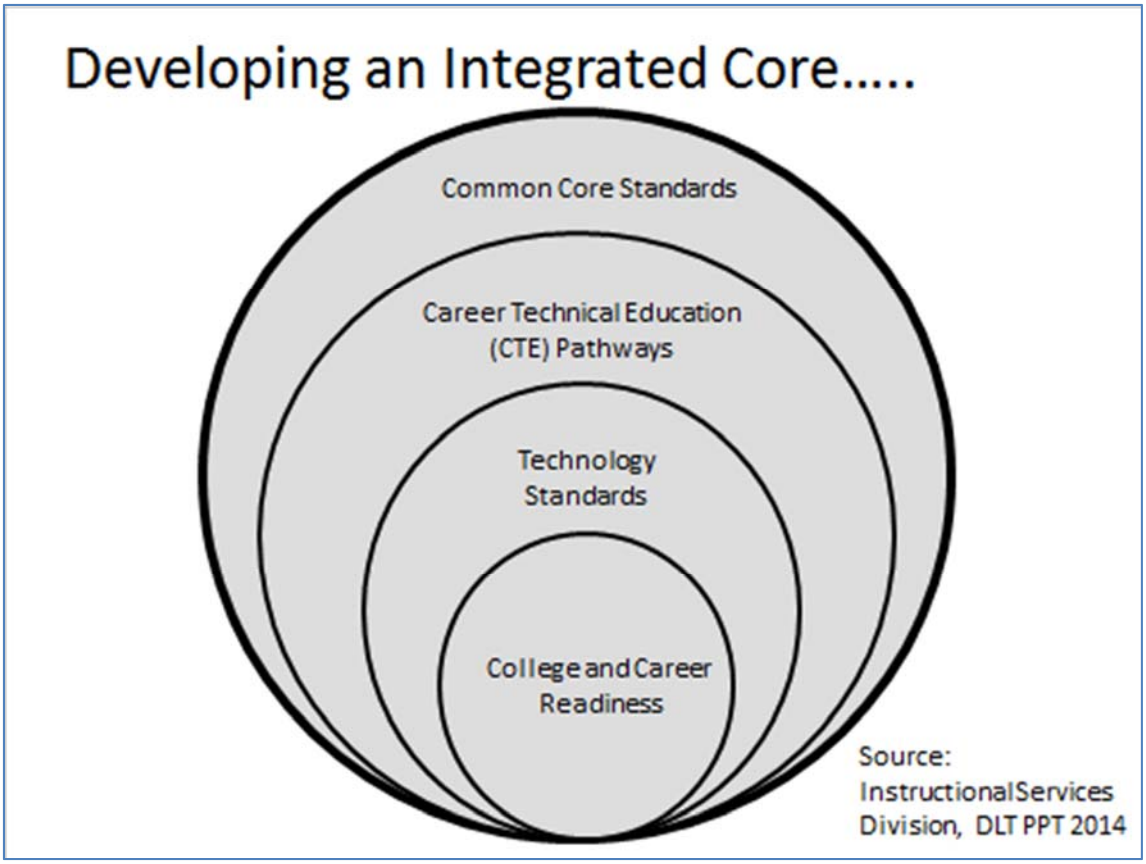
3. Common Core: 8 Math Practice Standards
    - Explicit instruction and assessment on the 8 Math Practice Standards.
    - Students engage in performance tasks and assessments utilizing Math Practice Standards.

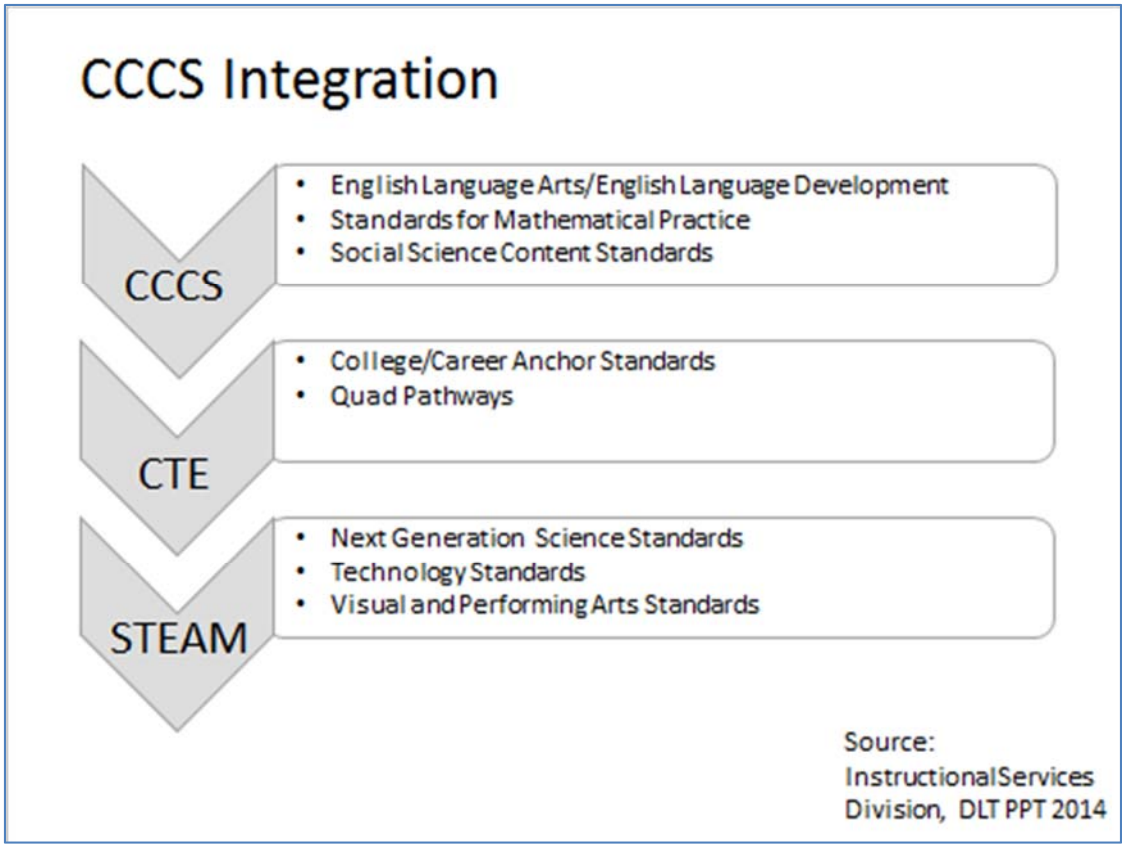
4. Instructional Model: GRR (Gradual Release of Responsibility)
    - Daily instruction follows GRR model.
    - Students as active participants owning their learning.

5. RtI (Response to Intervention): Academic and Behavioral
    - 3 Tiers of RtI implemented school wide.

6. CTE (Career Technical Education) Pathways
    - CCR (College and Career Readiness) exploration and preparation.
    - Instruction emphasizes 21st Century workplace skills:
        - 3 R's: Rigor, Relevance, Relationships
        - 4 C's: Creativity, Critical Thinking, Communication, Collaboration
        - 7 Survival Skills: Critical Thinking, Collaboration, Adaptability, Entrepreneurship, Communication, Accessing Information, Creativity

7. STEAM (Science, Technology, Engineering, Arts and Math)
    - Integration of STEAM in all Math/Science instruction to prepare students for college and career success in STEAM fields.


Developing an Integrated Core.....
Common Core Standards
Career Technical Education (CTE) Pathways
Technology Standards
College and Career Readiness
Source: Instructional Services Division, DLT PPT 2014



Technology Plan Goal

Technology is a key element in guaranteeing a quality education for all students. Technology can provide information and communications that can help support better teaching, learning and collaboration. To quote, "A 21st century plan for education should map out the policy, fiscal, technological and governance needs of the state's public schools, using our standards-based system as a foundation. A plan should emphasize how California's academic and content standards will be used to improve student learning, how decision making at the local level will accompany local accountability, how a plan will guide the implementation of education policy as opposed to a piecemeal approach to change, how technology will be implemented to advance these goals, and how the plan prioritizes recommendations included dedicated funding sources" (Source: 21st Century Schools, Legislative Platform, ACSA EdCal 2/23/2015).

The purpose of this Technology Master Plan for July 1, 2015 to June 30, 2018 is to articulate a long range strategy for the uses of technology within the district and to identify the instructional and operational needs within the district. The next three years promise exciting developments for student achievement with a focus and implementation of California Common Core Standards, Career Technical Education (CTE), Science-Technology-Engineering-Arts-Math

(STEAM), Next Generation Science Standards (NGSS), Visual and Performing Arts (VAPA) with Math and English Language Arts textbooks adoptions. This technology plan will identify the instructional and operational needs within the district for which technology can provide tools to complete academic and administrative tasks in support of student achievement with college and career readiness.

SAMR (Substitution, Augmentation, Modification, Redefinition) Model

Dr. Ruben Puentedura developed the SAMR model as a way for teachers to evaluate how they are incorporating technology into their instructional practice. The district and this plan use the SAMR model can be used to reflect upon how well technology is integrated the classroom. Is it an act of Substitution? Augmentation? Modification? Or Redefinition?

- Substitution (Enhancement): Technology acts as a direct tool substitute, with no functional change.
- Augmentation (Enhancement): Technology acts as a direct tool substitute, with functional improvement.
- Modification (Transformation): Technology allows for significant task redesign
- Redefinition (Transformation): Technology allows for the creation of new tasks, previously inconceivable.

The Federal Communications Commission (FCC) adopted the E-rate Modernization Order on July 11, 2014 and the Second E-rate Modernization Order on December 11, 2014. The Order adopted in July takes major steps to modernize and streamline the schools and libraries universal service support program (more commonly known as the E-rate program) and focuses on expanding funding for Wi-Fi networks in elementary and secondary schools and libraries across America. Since its inception in 1997, the E-rate program has helped ensure that eligible schools and libraries have affordable access to the Internet. In modernizing the program, the Order seeks to ensure that the program is geared towards meeting the broadband needs of schools and libraries in today's world of interactive, individualized digital learning. One of the streamlining steps was the eliminating of the Technology Plan Requirements (Order ¶¶ 197-198)

Beginning in funding year 2015, the Order eliminates the technology plan requirements for category two services. The FCC eliminated the technology plan requirements for Category 1 (then Priority 1) services in 2010.
(Source: http://www.fcc.gov/page/summary-e-rate-modernization-order)

There is no state mandate or funding for plan review. While this is a best practice, it is not a requirement. Plan review is a local LEA decision and activity. (Source: LACOE Tech Plan Builder Site)

Reaching critical goals depends on improving professional development support, infrastructure, and expanding funding. Federal and State funding sources for technology have opportunities are available, such as the additional $1 billion dollars allocated to E-rate Funding Years 2015 and 2016 to support increased wireless and broadband. The K-12 Ed Tech Voucher program and now defunct Enhancing Education Through Technology (EETT) initiatives are examples other funding opportunities that may arise in the future. With the mending of the economy after the deep recession, we are starting to see glimmers of hope for improved education technology funding at the state and federal levels. This technology plan is also designed to prepare for future education technology funding opportunities. Educational technology proponents were pleased when the U.S. Senate education committee has taken a significant step to deliver more technology to K-12 classrooms and professional development to support its use. The committee unanimously approved the "I-TECH" amendment, one of 50 revisions that passed after the markup of the Elementary and Secondary Education Act rewrite on April 16, 2015. I-TECH stands for "Innovative Technology Expands Children's Horizons," and it would create a competitive grant for funding tech initiatives. While yet to be approved, I-TECH represents some of the future funding opportunities. This technology plan is designed to help HLPUSD to be ready to take advantage of those opportunities. The future is determined by what we do today.

This plan carefully weighed the costs and benefits of what actions to take. Choices (what to do, what not to do) and prioritization (what should be done first, second, etc.) were elements in the selection of technology initiatives to move forward and support.

Curriculum, Instruction, and Assessment Technology Goals

- Students will have the necessary skills to be successful in higher education and/or the world of work.
- Students and staff will be provided with the skills to become 21st century learners.
- Students and staff will be encouraged to become lifelong learners.

Overview and Stakeholder Groups

Community and School District Overview

The Hacienda La Puente Unified School District serves the beautiful communities of Hacienda Heights, La Puente, Valinda, and The City of Industry. As the largest school district in the San Gabriel Valley, the District serves approximately 19,000 pre-K-12 and 20,000 adult education students in the diverse communities of City of Industry, Hacienda Heights, La Puente, and portions of Valinda and West Covina. The communities are located in Los Angeles County 20 miles east of downtown Los Angeles, in the San Gabriel Valley. Hacienda Heights and Valinda are unincorporated areas of Los Angeles County and are primarily residential. La Puente, incorporated in 1956, is predominantly residential with some major manufacturers.

- City of Industry: http://www.cityofindustry.org/news.php
- Hacienda Heights: http://en.wikipedia.org/wiki/Hacienda_Heights,_California
- City of La Puente: http://www.lapuente.org/default.htm
- Valinda: http://en.wikipedia.org/wiki/Valinda,_California

Stakeholder Groups

- Parent and community input was gathered at the District Advisory Council (DAC) and District English Language Advisory Council (DELAC). Paper surveys were distributed at schools sites for parents and community.
- Principals - District Leadership Team
- Site Common Core State Standards Facilitators
- Online survey of students, teachers, staff, and administrators (See summary of data gathered in Appendix A)
- Parent surveys administered through the school sites

Technology Plan Writing Team

- Dr. Thomas Tan, Director, Networking Computer Services
- Dr. Helene Cunningham, Director, Curriculum, Instruction, Assessment
- Joanne Chan, TOSA (Technology, Transitional Kindergarten, STEAM, and TEAL)
- Jennifer Mataele, TOSA (Technology, STEAM, and TEAL)
- Mike Gonzalez, Coordinator, Facilities and Technicians
- Mary Ann Lisenbe, Manager of Computer Operations
- Shelley Bernard, Technology Program Specialist, Retired

Technology Goals and Objectives

Teaching and Learning

GOAL 1
Students will have the necessary skills to be successful in higher education and/or the world of work.

Objectives

1.1 Develop an HLPUSD scope and sequence of technology skills for all students based on the International Society for Technology in Education's National Educational Technology Standards for Students and the California Common Core embedded technology standards.

1.2 Develop age and grade level specific lessons and activities which address the technology scope and sequence as outlined in the Common Core State Standards and provide students with engaging and effective 21st century skills.

1.3 Articulate technology lessons to teachers and provide training in embedding technology lessons into instruction and providing effective technology enhanced instruction.

1.4 Articulate what administrators need to know and do to support site technology enhanced instruction and district technology initiatives

1.5 Demonstrate and articulate collaboration tools and opportunities for teachers to use with students.

GOAL 2
Equip students with the 21st Century skills related to the ethical and appropriate use of information and Internet Safety to be literate citizens in a digital world.

Objectives

2.1 Update age and grade specific lessons for students related to ethical use, copyright, and fair use.

2.2 Update age and grade specific lessons for students related to Internet safety, information literacy, and social networking.

2.3 Confirm annual lesson completion by all students that provides for educating minors about appropriate online behavior, including interacting with other

individuals on social networking websites and in chat rooms, cyberbullying awareness, and response to meet E-rate funding requirements.

GOAL 3
Provide differentiated technology-based and online learning options to meet individual needs of students.

Objectives

3.1 Encourage staff and student collaboration as a resource to implement distance and online learning options.

3.2 Establish adoption and implementation protocols for distance and online learning.

3.3 Explore alternative delivery options for hybrid and fully online learning (Blended classrooms, Flipped classrooms).

3.4 Explore online tools for: 1) differentiated instruction and 2) providing adaptive release of information.

3.5 Provide online high school course registration option through student information system.

Professional Development

GOAL 1
Use technology to support communication, collaboration, and effective sharing of resources.

Objectives

1.1 Continue to provide training for staff in the use of district student information systems, data systems, learning management systems and school, teacher, and student web pages, and district, password protected student accounts.

1.2 Provide training to staff on effective use of district communication and collaboration tools for classroom and online learning.

1.3 Continue to provide support for student Internet safety and ethical use lessons.

GOAL 2
Technology training shall be provided to all personnel in an effective, systematic, and on-going manner.

Objectives

2.1 Provide a survey tool for staff to determine their technology training needs.

2.2 Identify a cadre of district technology experts to provide on-going district and site training in either a push in or pull out model through a variety of venues.

2.3 Provide training for teachers in 21st Century technology integration and best practices.

2.4 Disseminate technology integration best practices and lessons across all grades and content areas.

2.5 Encourage staff collaboration using district provided online collaboration tools.

2.6 Encourage site plans to be aligned with Local Control and Accountability Plan (LCAP) and district technology plans.

GOAL 3
Communication between home and school will continue to be encouraged.

Objectives

3.1 Encourage teacher use of classroom based web pages, including posting of assignments, announcements, special events, and parent information.

3.2 Schools to maintain and update site web pages a minimum of three times per year (August – before the start of school, November – before the new year, and March – before the end of the year).

3.3 Expand site and district school to home communication using district provided Student Information System, district approved social media, communication tools, phone messaging system, and parent portal.

3.4 Promote anytime/anywhere parent access to current district and site information, e.g. Aeries Parent Portal and mobile app.

Security, Hardware, and Infrastructure

GOAL 1
The infrastructure (systems) shall be secure, stable, reliable, inventoried, and well-maintained, including the employment of appropriate back-up systems.

Objectives

1.1 Maintain, expand, and replace as needed network core switches and cabling to support district administrative and academic needs.

1.2 Increase capacity of network infrastructure, including wireless network, for high density use for instruction in support of Common Core State Standards (CCSS), Next Generation Science Standards (NGSS), Science Technology Engineering Arts, and Math (STEAM), and Career Technical Education (CTE).

1.3 Pilot and provide solutions to increase student access to computing resources (existing computing labs are occupied February-May for online state assessments)

1.4 Create and maintain monitored and authenticated temporary personal device wireless access.

1.5 Maintain district owned servers, local-remote-cloud based storage devices and systems.

1.6 Maintain fixed asset inventory for use in refresh planning.

1.7 Provide and obtain professional development of staff to support technology.

GOAL 2
Technological resources shall be utilized in a manner designed to maintain the highest level of security possible for confidential information.

Objectives

2.1 Maintain all security and filtering in support of the Children's Internet Safety Act (CIPA), network firewalls, including monitoring and prevention against emerging data threats.

2.2 Provide cloud based computing and data storage with appropriate policies and security.

2.3 Maintain student data security as per state and federal requirements, such as the Family Education Rights Policy Act (FERPA).

GOAL 3
District policies will be reviewed and maintained to reflect the most recent changes in technology and social media.

Objectives

3.1 Create, publish and implement an updated Acceptable Use Policy with Parent Approval form.

3.2 Create, publish and implement a Social Media Policy with supporting user education.

3.3 Create, publish and implement a Video Monitoring system policy.

3.4 Maintain and develop as needed new Board Policies in support of technology use.

GOAL 4
Provide all schools with access to up-to-date common core technology and Intelligent Classroom information to improve student learning and academic achievement.

Objectives

4.1 Provide ancillary tools for Common Core State Standards (CCSS) computer labs as required.

4.2 Update Intelligent Classroom set up information to include student mobile learning devices.

4.3 Provide on-going software updates for Intelligent Classrooms.

4.4 In 2016-2017, budget for summer 2017 refresh of laptop carts used for online testing (acquired in 2013-2014, 4 years old) for the 2017-2018 school year.

GOAL 5
Technology shall be acquired and deployed in a cost-effective and efficient manner. Among the issues that shall be addressed will be: Total Cost of Ownership, long and short term needs (including the plan for repair and replacement of technology), and the availability and efficient use of resources used for technology.

Objectives

5.1 Maintain district standards for teacher and student classroom computers and technology.

5.2 Maintain district standards for front office and administrative computers and technology.

5.3 Maintain district standards and support process for district approved mobile devices.

5.4 Create and provide schools with a chart/table of district hardware and software standards.

5.5 Include as part of Total Cost of Ownership (TCO), site or department purchased software, systems and hardware must include district provided training-professional development.

District Goals

GOAL 1
HLPUSD shall provide core systems for both administration and education.

Objectives

1.1 District will maintain all core infrastructure systems - network, file sharing and storage, voice, data, video, and security.

1.2 District will maintain all academic and administrative core software systems:

- Student Information System (SIS): SMART & Aeries
- California Longitudinal Pupil Achievement Data System (CALPADS) for budgeting, assessment and demographics
- Website System: School Loop
- Learning Management System (LMS): Blackboard
- Evaluation System: Netchemia
- Human Resources: BOSS HR
- Business Systems: BOSS, LACOE BEST Project
- Special Education System: SEASweb
- Food Services System: Nutrikids
- Voice Over IP System-Public Address: Cisco & Singlewire
- Transportation System: Edulog-Transtrak
- Electronic Mail System: Microsoft Exchange/Outlook
- Data Backup Systems: Dell Equalogic and EMC
- Library/Textbook System: Destiny
- Assessment System: OARS Red Schoolhouse
- Video Camera System: ONSSI and Ocularis
- Fire Alarm System: Silent Knight and others
- Help Desk/Work Orders: iHeat and SchoolDude
- Document Imaging System: Laserfiche
- Substitute Management System: AESOP
- Mass Notification System: School Messenger
- Virtualized Servers & Desktops: VM Ware
- CALPADS

1.3 HLPUSD will implement an assessment system that meets increased needs to data collection, reporting, and assessment to support student achievement.

1.4 HLPUSD will implement and provide professional development for the Aeries features of summer school, parent and student portals, analytics and reporting/structured query language (SQL).

1.5 HLPUSD will update the 9 year old hardware and software of the voice over IP (VoIP) phone system.

1.6 Each July, district will provide an annual professional development calendar in to support effective use of district systems.

GOAL 2
HLPUSD shall provide Fire/Life/Safety systems for all students and staff, along with asset protection.

Objectives

2.1 The district will provide, upgrade, and maintain automated fire systems notification.

2.2 The district will create a policy with expectations, guidelines, and signage for video monitoring.

2.3 The district will investigate and acquire adequate funding and staffing for video monitoring systems per policy.

2.4 The district will implement video monitoring for safety, damage and theft mitigation.

Budget and Monitoring

GOAL 1
HLPUSD shall provide budget resources to support the acquisition, operation, maintenance, repair and replacement of network equipment.

Objectives

1.1 HLPUSD will provide budget resources to support the acquisition, operation, maintenance, repair and replacement of network equipment.

1.2 HLPUSD will pursue state, federal and other funding opportunities that support district and technology plan objectives.

1.3 Through the annual Local Control and Accountability Plan (LCAP) process, the district will identify and allocate funding in support of ongoing technology operations and projects in support of the eight LCAP state priority areas.

GOAL 2
HLPUSD shall periodically monitor and review district technology, services, and systems for effectiveness, alignment to support achievement of district goals and objectives.

Objectives

2.1 Networking and Computer Services (NCS) will create at District Technology Committee comprised of stakeholder groups to assist the district in using the tools of technology to accomplish the goal of providing a quality education described in the district objectives and technology plan.

2.1 During the budget planning process (January), NCS will review of annual and multiyear services and support agreements during budget planning period.

2.2 During the budget planning process (January), NCS review of replacement cycle of district network hardware and systems.

2.3 During the budget planning process (January), NCS will work with Instructional Services Division and Business Services to identify projects and funding for the coming year.

2.3 Create an offsite backup disaster recovery site for protection of district data and systems and provide access in event of disaster.

2.4 Annually in April, the District Technology Committee will review technology plan and share progress in the areas of teaching, learning and professional development described in the district technology plan.

2.5 In 2017-2018, the District Technology Committee will begin the process to update the district plan for July 1, 2018- July 30, 2021.

Appendices, References, and Research

Appendix A - HLPUSD Technology Plan Survey Summary Data: 2015-2018

Most Frequently Cited Needs by Employees (573 responses)

1. Student access to desktop or laptop computers for software and online use
2. Student access to tablet computers for software and online use
3. Teacher access to tablet computers
4. Interactive Whiteboards/Intelligent Classroom - student response clickers, document cameras, sound, projector
5. Professional Development: How to integrate technology into daily instruction with students, how to use technology to support teaching the Common Core standards.

Most Frequently Cited Needs by Students (6009 responses)

1. A laptop or personal computer for own use, computer to borrow.
2. Mobile learning devices (cell phones with Internet, PDAs, MP3 players, graphing calculators)
3. Online access to your grades.
4. Online access to your teachers, assignments, and resources for each class.
5. Online for internet, research and writing papers.

District Leadership Team (DLT), 9/3/2014 meeting - Technology Survey

1. What technology professional development needs do you have for foresee having?
    - Seamless integration of technology
    - Ongoing technology training for all teachers
    - Technology support - tools
    - Technology support - tasks

2. What are the most pressing technology problems, challenges, issues or needs at your school or department?
    - 2nd SBAC lab for larger campuses
    - Ordering process needs to be more simple (BOSS/iHeat/SchoolDude)
    - Intelligent/SMART classrooms (all)
    - Training for tech specific needs (Professional Development)
    - SBAC lab curriculum
    - Funding (Less $ for all of us) Equity - Access
    - Increase NCS technician rotations
    - Portable labs (building)

- Parent Portal access (e.g. Jupiter)

3. It's 2015-2018: Describe the technology equipment and services you would like at your school or department, quad, to help teaching, learning, and collaboration. What will the students be doing? What will teachers be doing? What will the classroom and school look like?
    - Resources: Lab (not tied to SBAC), Activote, Smartboard, Professional Development (incorporate-integrate technology into curriculum), laptop/tablet carts, TRT/Tech support, Google Apps for Education access
    - Students: Communication, research, projects, real world stimulation, virtual field trips, build SBAC skills, typing, keyboarding, technical skills.
    - Classrooms/Schools: Engaged (noise productive), collaboration, communication, tech projects, reports/projects digital submission.
    - Teachers: Facilitating, interactive lessons, engaging students, build creativity, learning with students.

4. Instructional Goals: How do you see technology fitting into our 7 instructional goals?
    1. *SBAC matrix of cognitive rigor (depth of knowledge)*
    2. *Literacy in Content Areas*
    3. *Eight Math Practice Standards*
    4. *Gradual Release of Responsibility Instructional Model*
    5. *Academic and Behavioral RTI*
    6. *Career and Technical Education (CTE)*
    7. *Science, Technology, Engineering and Math (STEM)*

    - Performance Task (Internet research, navigation, tech skills, standards (1,2,3,4,6,7)
    - Google Apps for Education (1,2,3,4,5,6)
    - Office Suite (1,2,3,4, 6,7)
    - Intelligent Classrooms (1,2,3,4,5,6,7)
    - Programs at site (1,2,3,4,5,6,7)
    - Hardware, Classroom sets of Chromebooks
    - **Big picture: Higher levels of engagement of 21st Century Skills

Parent Survey (300+ responses) (DAC and DELAC Parent Meetings October 2014)
1. Parent education classes - resume, internet, MS Office
2. Student computer and web access at school
3. Chromebooks with wireless (wifi)
4. Guest wireless web access
5. Tablets, Computer Lab, Smartboards, Keyboarding, Programming, keep kids engaged.

Teacher Voices: Technology Related Comments from HLPUSD Professional Development Feedback Surveys

I don't feel our students are getting enough exposure to computers. Most do not have one at home, and I weekly visits to the lab are not enough.
-04 15 15- Gr 3-5 CaMSP (after school) PD survey comments

Using the technology in my classroom. (I have only my teacher computer, no student computers) I would like to do the activities in my room w/o always having to go to the lab. I would benefit from help with technology inmy classroom. It is very out of date.
-04 14 15- Kinder CCSS Math Day 2 (LP LA Quads) PD survey comments

Would like to learn more technology/app. to use in the classroom. Will training/suggestion be available even for teachers who do not have i-pad in the classroom? Also I am interested on finding out the grants we can write to get I-PADS or air books in our classroom.
-03 18 15- Gr 3-5 CaMSP (after school) PD survey comments

Would love to have Discovery Education.com or Active classroom available at our site or as a district
-03 19 15- MS Social Studies (WI-WO Quads) PD survey comments

Students need [Google Apps for Education] accounts so they can share docs with teachers and peers! Rapido!!! :-)
-10 15 14- Principal Meeting PD survey comments

I would like a large flat screen in my classroom to share the internet resources with my students
-Gr 1 CCSS ELA (LP LA Quads) PD survey comments

If Google Docs will be issued to all students next year, how are we supposed to utilize that with limited computer resources. I would like additional support with using technology in the classroom for GAFE Providing access for my students to utilize google drive in my classroom.
.-11 12 14- HS ELA #1 (LAHS) PD survey comments

Appendix B – References and Research

SAMR (Substitution, Augmentation, Modification, Redefinition) Model
Dr. Ruben Puentedura developed the SAMR model as a way for teachers to evaluate how they are incorporating technology into their instructional practice. The SAMR model can be used to reflect upon how well technology is integrated the classroom. Is it an act of Substitution? Augmentation? Modification? Or Redefinition?

- Substitution (Enhancement): Tech acts as a direct tool substitute, with no functional change.
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- Modification (Transformation): Tech allows for significant task redesign
- Redefinition (Transformation): Tech allows for the creation of new tasks, previously inconceivable.

https://www.commonsensemedia.org/videos/introduction-to-the-samr-model

Consortium for School Networking (COSN): The Empowered Superintendent - Professional Learning and Practical Tools for Effective Technology Leadership
http://cosn.org/sites/default/files/pdf/CoSN%20Empowered%20Superintendent%20Executive%20Summary%20FINAL2.pdf

Pearson Student Mobile Device Survey 2014 (http://tinyurl.com/k73tjxs)
National Report: Students in Grades 4-12, Conducted by Harris Poll Report: May 9, 2014

· 81% of students agree that using tablets in the classroom lets them learn in a way that's best for them.
· 79% of students agree that tablets help them do better in class.
· Furthermore, most students at all grade levels (especially younger students) are in favor of using mobile devices more often in the classroom.

(Source: Tech & Learning, www.techlearning.com, Page 8, November 2014)

New Media Horizons (NMC): Horizon Report K-12 Edition
http://redarchive.nmc.org/horizon-project/horizon-reports/horizon-report-k-12-edition
NMC Horizon Report > K-12 Edition broadened the reach of the NMC Horizon Report series to include primary, middle, and high schools. The K-12 Edition explores the key trends accelerating educational technology adoption in schools, the significant challenges impeding it, and emerging technologies poised to impact teaching, learning, and creative inquiry.

Connect Ed Initiative: President Barack Obama, Whitehouse
http://www.whitehouse.gov/issues/education/k-12/connected
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