La Center School District
District Technology Plan (2010 - 2013)
4/21/2010

District Technology Plan

La Center School District
2010 - 2013

Technology Vision Statement:

Our technology vision is anchored upon the concept we must provide learners with the tools needed to increase the Flow of Information around them (in-flow and out-flow of information) as they learn. This means to us that technology must provide increasing access to information in support of their learning, but also to provide the opportunity for learners to share back information into the broader network as well. In other words, the learner needs to become part of the network of information both as a user as well as a supplier to fully tap into their innate need/desire to learn. We believe this expansion of the in- and out-flow of information is central to the development of life-long learners who are prepared for a life of learning in the 21st century.

Action Plan:

Goal: Technology Literacy of 8th Grade Students

SMART Goal: By June 30th of 2013, at least 82 8th grade students will report as being in Tier two or three of the Technology Literacy Indicators, as measured by the district's student technology literacy evaluation tool.

Strategy: Increase the use and availability of online resources to students for the purpose of online communication, collaboration and project-based learning.

Rationale: The availability of online resources for learning mirrors the global society in which we live, where resources for learning, living and playing are available online.

Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
Staff will learn to author and manage Moodle-based assignment modules.	Principal will model the use of Moodle based resources as part of regular staff development activities. In addition, inservice focused on the mechanics and best practices for using electronic resources will be offered at least twice per year.	8/1/2010 - 6/30/2013	0.00 / Other / Our staff already has expertise in the use of Moodle. We also have a one-to-one lab environment available to allow group work. / As described, there will be no additional funding required for this strategy.	The Moodle based instruction will be lead by the building technology coordinator, instructional staff will author in the Moodle environment.	Regular review of online resourced created by teachers will reflect the level of use and provide a metric for assessing the acceptance level and overall use of these technologies. Learning walks through the learning environments will provide an additional point of monitoring whether the PD resulted in significant change in the classroom. An

					additional measure of the effectiveness of this activity will be the annual review of the results of the district's student technology literacy evaluation tool.

Procedures for evaluating success in reaching this goal The annual collection and analysis of the district's student technology literacy evaluation tool.

Goal: Technology Integration Skills of Teachers

SMART Goal: By June 30th of 2013, at least 30 teachers will be in Tier two or three of the Tiers of Technology Literacy Indicators, as measured by the district's staff technology literacy and integration tool.

Strategy: We will increase the use and availability of online resources to teachers and other staff throughout the district for the purposes of online communication, collaboration and other forms of professional development.

Rationale: The use and consequent familiarity with web-based tools will provide a foundation as well as comfort level for all staff thereby increasing their overall comfort level with the tools and skills with which they can achieve higher levels of technology integration into instruction.

Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
Staff will learn to interact with and use modules which target online communication and collaboration within the Moodle environment.	Workshops (at the principals' scheduling preference) will provide the instruction necessary to complete this task.	8/15/2010 - 6/30/2013	0.00 / Other / With technology staff as leaders in the use of Moodle. As well as available facilities, principals will incorporate this activity into regularly scheduled professional development activities. / As described, there will be no additional funding required for this strategy.	The building technology coordinators will provide the inservice when scheduled.	Regular review of entries and newly created activities within each module will reflect the level of use and provide a metric for assessing the integration and overall success of this activity. Learning walks through the learning environments will provide an additional point of monitoring whether the PD resulted in significant change in the classroom.

					Annual review of the responses in the staff technology integration evaluation tool will provide additional feedback on the effectiveness of this activity.

Procedures for evaluating success in reaching this goal The summative evidence for this strategy will be evidence collected from learning walks as well as anecdotal reports from other stakeholders regarding the wider use of associated practices. An additional measure of the effectiveness of this activity will be the annual review of the results of the district's staff technology literacy and integration evaluation tool.

Goal: Technology Proficiencies of Administrators, Teachers & Teacher-Librarians

SMART Goal: By June 30th of 2103, at least 93 administrators, teachers, and teacher-librarians will report basic (or higher) proficiency as measured by the district's staff technology literacy and integration evaluation tool.

Strategy: Make available small group technology help sessions for staff to enhance their proficiency. Encourage staff to model higher levels of proficiency when appropriate and useful.

Rationale: Staff that have increased levels of technological proficiency will be able to use technology productively and efficiently in all aspects and phases of the professional career.

Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
Establish frequent small group help sessions to focus on boosting productivity and/or efficiency in the use of technology tools. These sessions will be offered at least once a month during the academic year.	Identify and coordinate the topics of interest and effectively advertise the offerings.	8/15/2010 - 6/30/2013	0.00 / Time / The resources needed for this activity will be teacher time and scheduling. / Because this will occur on days already scheduled for professional development, there is no anticipated additional cost for this activity.	The building technology coordinators will provide leadership for these sessions.	Use observational data as well as results from the support staff technology literacy evaluation tool to gauge effectiveness. In addition, exit surveys will be available at each session to provide feedback on the success of the activity. An additional measure of the effectiveness of this activity will be the annual review

					of the results of the district's staff technology literacy and integration evaluation tool.

Procedures for evaluating success in reaching this goal The summative evidence for this strategy will be evidence collected from learning walks as well as anecdotal reports from other stakeholders regarding the wider use of associated practices. Another evaluation will be the analysis of the annually collected data through the district's staff technology literacy and integration evaluation tool.

Narrative:

Each classroom in the district incorporates technology into lessons for the purpose of student achievement in several ways. The technology rich learning environments thread of our previous technology plan has targeted many aspects of technology in the classroom. Currently each classroom has Internet access, computer(s), telephones, video distribution (cable), a document camera, and a projector. With these tools, teachers can choose from a variety of flexible and interactive technology tools well suited to preparing students for a technology-rich future outside of school.

The district initiative to develop learning environments that capitalize on interactivity, develop the core relationship of trust between teacher/leader and learner, and are characterized by high cognitive demand are all facilitated by a variety of technological tools. The need for effective and timely communication, reliability of support systems, and access to high quality materials are all important elements of this process. Each learning environment within the district considers these resources to be of the highest priority. These structures that support learning are no longer options to be considered; they are expected as a foundation for success.

Annual Technology Survey: **Yes** The district has completed the current technology survey and will continue to complete the survey annually.

CIPA Compliance: **Yes** The district has completed the current Form 479 and will continue to a Form 479 annually.

District Technology Standards & Budget

District Standards for Technology: La Center School District maintains a dual platform of Windows and Macintosh operating systems. We do not provide support for personally owned computers even when brought on site to perform academically related functions.

--------Minimum standards for workstation purchase-------
Computer, Windows XP Pro or Windows 7, Pentium IV/Celeron/AMD 2.8 GHz or higher, 512 MB RAM, network card.
Notebook 2.0 Ghz or higher
Macintosh G5 2.1 Ghz or higher, or dual core desktop
Macintosh G4/G5 1.9 Mhz or higher, or dual core MacBook/MacBook Pro

--------Minimum specifications for workstation technical support----------
Windows 2000/XP, Pentium III/IV Celeron/AMD 500MHz or higher, network card, 256MB RAM
Macintosh OS X, G3/G4/G5/eMac/iMac 450 MHz or higher, PowerBook G3/G4 or iBook, network card

While equipment that does not meet these specifications may still be authorized by the IT department, there will be no support resources of any kind made available.

---------Supported Workstation Software----------
Antivirus - Sophos Anti-Virus (current release)
Database - FileMaker Pro

Email client - Mozilla Thunderbird
Internet Browser - Internet Explorer/Firefox (Windows), Safari/Firefox (Apple)

---Supported Workstation Productivity Applications---
Desktop Publishing - Microsoft Office 2007 Pro
Library Circulation Management Follett Destiny
Productivity Class - Microsoft Office (2007 Pro or newer for Wintel; 2008 or newer for Apple), OpenOffice

---Server - Hardware---
Intel Based Architecture
Optical Drive
RAM: Exceed recommended minimum configuration by 1 additional GB
Sata Drives
SCSI drives as cost effective
Redundant Power Supply

---Server - Software---
Windows Server 2008 OS/Ubuntu 9.10
UltraVNC

---Printers---
Networked Brother or Hewlett-Packard Laser Printers
Monochrome Laser printers in general use areas
Color Laser printers in offices and media centers

---Projectors---
Hitachi ProjectorCP-X2510N or similar

---Document Cameras---
Avermedia 300 AF+ or similar

Budget: Workstation replacement annual cost: $129,000 ($387,000 over the life of the plan)(Technology Budget)
Software fees annual expenditure: $10,000 ($30,000 over the life of the plan)(Technology Budget)
This software is broken down into two categories of expense:
--MS Office $6,000 annually
--AV solution $4,000 annually

Maintenance, Upgrade & Support

Strategies	Budget & Potential Funding Source(s)	Timeline
Replace 100 staff workstations across district (oldest replaced first) each year. Requires 300 hours of technical support. Software Upgrades for currently installed computer base. Increase technology support staff by 1 FTE.	The anticipated annual hardware cost to the District is $129,000 ($387,000 over the life of the plan). Additional purchases for software are expected to be $10,000 ($30,000 over the life of the plan). Installation and maintenance of these systems are handled by 2.0 FTE technicians which has a budget impact of $97,088 ($291,264 over the life of the plan). The funding sources for these services will include a combination of General Fund, eRate, Capital Outlay and Levy-Bond funds if available. The cost of replacing workstations is also covered in Part 1 of this telecommunications plan. It is not intended to be implemented twice, but the form for part 1 also asked for a budget summary.	Workstations installed by August 15 each year. Software upgrades applied throughout the year over the period of the plan.

How will these services support your district's learning goals? Student and staff use of technology demands reasonably modern equipment that is maintained for maximum impact on learning. The demand for the use of newer technologies for effective instruction continues to increase as teachers become more aware of the options available for their students and to enhance their own pedagogical technique.

Technology must be prepared, administered, maintained, and upgraded over the entire life cycle.

Technology Plan Review & Update

Strategies for Evaluation & Update	Person or Team Responsible	Timeline
Review and Update Building and/or District Technology Plans, Administer Technology Evaluation tools, Update Technology Building Forms, Update District Telecommunications and Networking Forms when needed.	District Technology Administrator	March 2010 - La Center School District Board of Directors approval of Technology & Learning Plan April 2010 - Office of Superintendent of Public Instruction (OSPI) approval of Plan. November 2010 - Technology & Learning Committee review Plan. Update where applicable. April 2011 - Discuss Technology & Learning Plan status with School Board. November 2011 - Technology and Learning Committee review Plan. Update where applicable. March 2012 - Discuss Technology & Learning Plan status with School Board. November 2012 - Begin developing new 3-Year Technology & Learning Plan or update existing Plan if applicable. March 2013 - Complete new Technology & Learning Plan and obtain approval if necessary.

E-rate – Priority One

Voice, Data & Video	Budget & Potential Funding Source(s)
Phone system costs include long distance and local service as fax service. These are E-ratable expenses.	Local phone service: $8,335 ($25,010 over the life of the plan) annual long distance: $1,800 ($5,400 over the life of the plan) The funding sources will include a combination of Maintenance & Operation Funds, General Funds, Capital Outlay, and E-Rate, where possible.

How will these services support your district's learning goals?

These services support the La Center School District's Learning Goals by providing means of communication that support teaching and learning, provide parents access to information regarding their children's progress, allow staff and students quick access to pertinent information critical to allow them to complete their assigned tasks and duties, provides an environment in which it is safe to work, teach and learn.

E-rate – Priority Two

Internal Network - Hardware & Software	Budget & Potential Funding Source(s)
Hardware for web server and mail server.	Hardware replacement – web server ($5,000) Hardware replacement – email server ($5,000) Budgetary resources will be a combination of Maintenance and Operations, Capitol Projects, Curriculum budget, General Fund, and E-rate funds where possible.
Hardware and maintenance for firewall	Hardware replacement/configuration – firewall ($7,350), Maintenance for firewall ($700 annually - $2,100 over the life of the plan) Budgetary resources will be a combination of Maintenance and Operations, Capitol Projects, Curriculum budget, General Fund, and E-rate funds where possible.
Service contract for phone equipment	This is $8,000 annually ($24,000 over the life of the plan). The funding sources will include a combination of Maintenance & Operation Funds, General Funds, Capital Outlay, and E-Rate, where possible.
K-20 State/Internet connection	This is estimated at $4,000 annually (E-Rate applied for by State). This totals $12,000 over the life of the plan. The funding sources will include a combination of Maintenance & Operation Funds, General Funds, Capital Outlay, and E-Rate, where possible.

How will these services support your district's learning goals?

The La Center School District has established a goal for improving student learning through strategic analysis of and corresponding enhancement of learning environments. The result of these efforts will be clustered around a greater flow of information, higher levels of trust, and consistently high cognitive demand. To achieve this, staff will need access to the data from which they will be developing more focused instructional strategies. Technology plays a major role in both assessing student work as well as the auxiliary communication

required to use and share this data and facilitate their planning. This plan will help that process as well as enabling the district to share information with the students and families regarding student learning.

Additional Material Documents Uploaded

No Documents Uploaded

Modified By: Dan Bentson-Royal **Modified On:** 4/14/2010