



HCISD

HARLINGEN CONSOLIDATED INDEPENDENT SCHOOL DISTRICT
407 N. 77 Sunshine Strip Harlingen, TX 78550 | Phone (956) 430-9500 | Fax (956) 430-9507

**Sam Houston Elementary
2012 - 2013 Technology Plan
November 19, 2012**

Technology Committee

Mr. Luis Garcia.....	Principal
Mr. Faustino Villanueva.....	Assistant Principal
Alfonso Munoz.....	Campus Technician
Ana A. Cavazos.....	Library Media Specialist
Christine Claudio.....	MTT
Rebecca Rodriguez.....	Instructional Facilitator
Odilia Armenta.....	Reading Teacher
Yvette Torres.....	4 th Grade Teacher
Lisa Padron.....	3 rd Grade Teacher
Sarah Lozano.....	2 nd Grade Teacher
Christine Claudio.....	1 st Grade Teacher
Bertha Perea.....	Kindergarten Teacher
Hilda McClain.....	Prekindergarten Teacher

Summary

Sam Houston Elementary serves approximately 500 students, and over 60 employees. Our administration works diligently to improve the education of our students, and obtain the best training for our staff. This Technology plan is customized specifically for this elementary school. Our Star Chart needs assessment indicates that our Teaching and Learning and the Educator Preparation and Development areas are our weakest areas. "Students today are highly embedded into digital technology, and professionals are lagging behind." (CDW-G.2011) While our teachers, as many others are highly qualified to teach, and know their content areas well, they are not as comfortable integrating technology into their daily teaching, and this technology plan will serve to motivate and encourage teachers to bring in technology an application at a time, until they become comfortable to integrate it seamlessly along with their students, and provide lessons which are rich in innovation and rigor with the use of technology.

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

While our school district continues to strive for a strong infrastructure with the [HCISD Technology Plan](#), our campus is lagging behind in the computer ratio per student. We have one computer lab with 25 stations, three computers per classroom and we have 24 classrooms, three support classrooms, and three Special education classroom. The Information Literacy Center (library) has 20 iPads and 5 computer stations. The library is an area that needs to be included in our technology plan in order to provide equal access to all of our students and staff, and because it is the only classroom that reaches all of our student body. In addition all of our professionals have a wireless laptop, and opportunities to sign on for quality technology training sessions within our district or from our Region One Center. Furthermore, every year Harlingen CISD will select one classroom every school to receive digital tools (ipads, Macbook, Mac TV, etc) to use with their students. We do not have mobile laptop carts for our teacher use, and although we do have a computer lab, it is occupied much of the time for scheduled progress monitoring with Renaissance, also known as Accelerated Reader.

Our teachers are strong, and work diligently, as well, to provide the best education possible to our students. They meet all expectations from our administration, and from our community; however there is little technology training or implementation; thus our Texas Star Chart results. By the same token, it is not that technology will override the lessons that our teachers deliver, but enhance these lessons, and give our students different ways of learning; thus a better chance of retaining what is taught. (Peterson. November 2011).

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

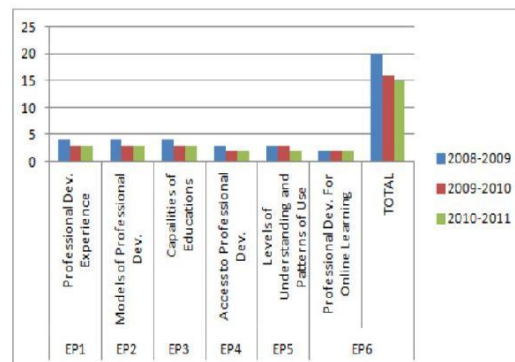
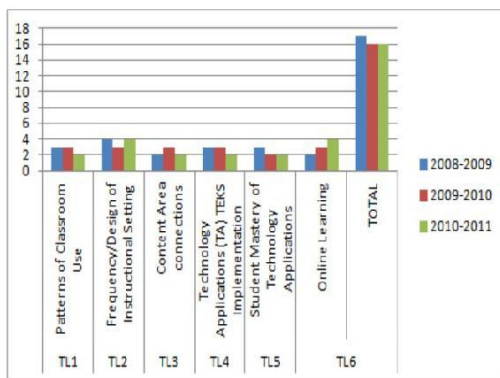
Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

Vision

Students today learn differently and are “embedded in technology” more now than ever, however, “they may not be as knowledgeable as we think about how this culture works or how to use its tools to be successful in this working world (CDW-G. 2011). The dynamics in a 21st century classroom depict education at its most effective, providing students with the ability to collaborate, research, and share their projects with each other and their instructor. Learning goes beyond the classroom, and into resources from all over the world. In a study by CWD-G, of over 1,000 students, many students claimed that, “technology is vital, not only for their personal lives, but also for their education and their future.”(CDW-G. 2011).

Therefore, the vision of this technology plan is to empower our staff with the tools, knowledge and confidence to integrate technology into their lessons, and administrative duties, collaborate and produce assignments as needed or solve problems. We will use the technology. We will continue to encourage our teachers to update their online presence through the school website and/or other social networks to establish strong communication with parents and the community. Completed assignments will be featured on their websites.

Needs Assessment



According to the Needs assessment as noted by the Texas Star Chart, our weak areas are those of Teaching and Learning, and the Educator Preparation Development. Our technology committee CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

and administration will collect feedback from our teachers, and ensure that we are successfully providing support, and technology implementation. We will provide surveys to find out what our campus and individual teachers deem an immediate need. In addition the technology teacher and library media specialist will visit the classrooms to assist or provide support as requested by teachers. Our principal and/or assistant principal will follow up on the technology implementation of the month with walkthroughs, and written feedback after they observe teachers teaching with or using technology with their students. Interviews will be conducted during and after the technology implementation has been launched to get feedback about what works and what doesn't, as well as how teacher feel about particular implementation. We will also provide an evaluation form for each technology training activity after it is completed.

Once we gather all of our information and study it, we will plan the technology plan for the next year. It will be customized according to the needs identified by staff and administration, but we will remain focused on making sure our training also addresses the needs as established by the Texas Star Chart for our campus. This information will also help us make changes as needed during current implementation.

Goals

Reaching goals and tasks will be a challenging task because teachers feel that time is already compromised by many activities they must cram into their already hectic schedules. This is why we chose simple applications to help ease our personnel into technology integration, and move towards more intense training. The Federal Communications Commission stated that while high speed broad band access will stimulate economy growth, and create jobs, "the demand of the new information based economy requires substantial changes to our existing system." (CDW-G. 2011). This applies to our classrooms as well; everything will change, from the simple layout of the room, to how students solve problems using unorthodox methods. At this time our campus is at an early tech to developing tech as stated in the Texas Star Chart. The following are goals and tasks which will help us determine the needs of individual teachers to the needs of the campus as a whole.

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

Goals and Tasks

Goal: Meet with each grade level and get some feedback to identify their needs as a grade level.

Task: Allow discussion about needs and concerns when we meet as a grade level.

Goal: Establish the needs as identified as a campus on Needs Assessment.

Task: Give staff members feedback on the Texas Star Chart results. Also have them list what they feel is a need for them to implement technology successfully in their classroom.

Goal: Set up training in all increments of time as convenient with each grade level.

Task: Training during grade level meetings or on Fridays during teacher's conference time.

Goal: Participants will voice their needs and work towards meeting that need.

Task: Using Survey monkey and todaysmeet.com we will encourage teachers to voice their concerns and needs. Teachers will be allowed "discussion time" with colleagues to work out problems and share ideas.

Goal: Set up trainings where participants will have hands on experience on one application at a time, help them create their accounts, and get started on a project.

Task: The activities provided will be hands on, and a project will be expected from all staff members with encouragement from administration.

Goal: Provide a showcase display, or opportunity for staff members to share their work and share their trials and tribulations during grade level meetings.

Task: Work will be showcased through creations, such as videos, presentations, or activities such as wordle. Other work will be featured on school website.

Goal: Provide online support through video tutorials, resource links, and ideas.

Task: The link to our [Technology Training website](#) will be distributed and used for training and support.

- **Goal:** An open line of communication for set period of time in which the implementation is going on in the classroom

Task: The chat room, todaysmeet is set up on this website, and will be used with teachers so they can post their questions and concerns.

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

Actions

As a technology team, we have set up a web page for reference, and will give all of our teachers the link to refer to. <http://acavazos4.wix.com/technology>

On that technology page, we have set up a chat room, called “todaysmeet” where anyone can pose a question or concern, as well as success stories and tips, anytime of the day. All of our campus staff members will have access to it, and when we respond, everyone will see the answer to questions or tips shared.

In addition, we have provided video tutorials on all of the technology activities we will be introducing, for reference and review. Also included on the website is a schedule for teachers to use when scheduling for our library media specialist to help them in the classroom or for iPad use. All of the URL links are also provided so that teachers can readily access links to the technology activity. We will continue to update and add any information as requested by our staff members.

Implementation

The implementation of the Technology Plan at Sam Houston Elementary will be spread out throughout the year, with training becoming more in depth and intense, as well as relevant, as we complete activities. We will begin with fun, creative, and innovative technology activities to get our staff members to buy in to technology implementation. There has been some Web 2.0 tool implementation, but no acknowledgment or encouragement by administration, or anyone else. The technology training will be supported by our administration, who will also conduct walk-throughs and document completed activities. The technology committee will acknowledge and recognize and give extra support to those who need it so that technology will be implemented in those classrooms as well. There will be minimal spending for the first year, while we implement these activities. The equipment used will be teacher’s laptops or iPads from the library. The applications are free, and training will occur during teacher’s conference time; therefore, substitutes will not be required. As technology training intensifies, and when the technology plan is reevaluated, future costs will be acknowledged and written into the plan. See Table 1 below.

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

Table 1

Teaching and Learning

Indicator/Activity	Timeline	Responsible	Action	Evaluation	Notes.
Teachers include Technology TEKS in Lessons	Once a month to implement Tech TEKS after training of Web 2.0 tool	Teachers will include TEKS. IF will review and make sure Tech TEKS are included.	Lesson plans with Tech TEKS emailed to IF or dropped into Lesson Plan folder for review.	Administration will look for Tech TEKS implementation during walk throughs. Feedback to teachers at grade level meetings.	IF denotes Instructional Facilitator.
Teachers will update website	Once a semester	Teacher will update. Web master will review.	Teachers will create a page for their classroom or grade level. Update once a semester at least.	Administration reviews website for updates and give feedback to teachers.	Review of information submitted will be analyzed and changes made as needed.
Teachers will display SBEC Technology Standards in classroom	Once and keep up all year	Admin and IF will note if posted during their walk throughs	LMS Will distribute posters. Teachers will display posters.	Administration will review website for updates and give feedback to teachers.	

Educator Preparation and Development

Indicator/Activities	Timeline	Person Responsible	Evaluation Upon Completion	Cost	Notes
Wordle	November	A.Cavazos&C.Claudio	Walk Through (admin) Survey Monkey(feedback)	FREE	Sign in during training
Animoto	December	A.Cavazos&C.Claudio	Website Update Survey Monkey(feedback)	FREE	Sign in during training
Storybird	February	A.Cavazos&C.Claudio	Website Update Survey Monkey(feedback)	FREE	Sign in during training
Brainshark	March	A.Cavazos&C.Claudio	Website Update Survey	FREE	Sign in during

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

			Monkey(feedback)		training
QR Codes	April	A.Cavazos&C.Claudio	Website Update Survey Monkey(feedback)	FREE	Sign in during training
School Wire	May	A.Cavazos&C.Claudio	Website Update Survey Monkey(feedback)		Sign in during training

Evaluation

The Evaluation will be conducted through walk throughs to encourage completion, face to face and online support by MTT and Library Media Specialist, and showcasing of all work on the classroom website for the teacher to share with students and parents. An initial survey will be given to teachers at our first meeting to establish the needs of the campus. A survey will be included after each activity is completed for feedback on progress and future needs our staff may have. We will provide sign in sheets at every meeting and training to track of participants.

Personnel	Responsibility	Purpose	Time	Notes
Principal	Walk through for encouragement/documentation on technology implementation. ELAS	Encourage, Support and Documentation	During Lessons	
Assistant Principal	Walk through after completion for feedback to teacher and students on Tech TEKS implemented.	Praise, Support, and Feedback from teacher and students	After completion	
MTT	MTT will conduct an interview with teachers during implementation for feedback and to give support	Support and feedback from teacher	During as scheduled by MTT	
Library Media Specialist	LMS will conduct an interview with teachers after completion of activity for feedback.	Support and Feedback from teacher	After completion as scheduled by LMS	
Instructional Facilitator	Sign in sheets, walk throughs and interviews throughout, as needed from teachers.	Encourage, Support , Document, and Interview as needed	Before, During, After, as needed.	

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

Summary

Technology Implementation will begin at Sam Houston with Innovative and fun hands on activities which will create a buy in for teachers to learn and use technology in their lessons with their students. This, in turn will provide differentiated learning options to meet the needs of the different learners in our classrooms.

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <<http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>>.

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

Evaluation

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.

CDW•G (2011, March). *21st century classroom improving classroom engagement through technological innovation*. Retrieved from http://www.edtechmagazine.com/k12/sites/edtechmagazine.com.k12/files/rg_21stcent_k12_031011.pdf

Peterson, Ryan. (2012, November 25). "A Closer Look at 21st Century Learning." *EdTech Magazine*. N.p., n.d. Retrieved from. <http://www.edtechmagazine.com/higher/article/2011/09/back-to-the-future>.