

Technology Plan

November 19

2012

Gladys Porter High School will have a long range technology plan that will support the results of the STaR Chart. This document will also show the results of the needs assessment survey and the staff development plan for 2012-2013. Our technology plan is a live document and is subject to change.

**Gladys Porter
High School**

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Vision

Our vision is to see our Porter Nation teachers grow professionally in the areas of technology. They will receive support and professional development trainings that will break the barriers of technology integrations in the classroom. Gladys Porter High School intends to provide our students with teachers that will receive professional development in the area of technology in order to create a 21st Century Classroom using technology. As the campus continues to receive funds from E-Rate (TEA, TPESC, 1996) then the following will continue to occur:

- Increase computers in the classrooms
- Updated server infrastructure
- Increase professional development in technology
- Telecommunication growth in our library
- Technology equipment in the classrooms i.e. Mobi Pads & Smartboards

Assessment

Gladys Porter High School conducted a three year summary research from the [STaR Chart results](#). This tool provides the campus with the most accurate information since teachers must complete the STaR Chart survey on a yearly basis. Teachers were evaluated in the following STaR Chart key areas

- I. Teaching and Learning
- II. Educator Preparation and Development
- III. Leadership, Admin., Instructional Support
- IV. Infrastructure for Technology

According to the results the campus was given one of the following classifications:

1. Early Tech (Total Points = 6-10)
2. Developing Tech (Total Points = 11-14)
3. Advanced Tech (Total Points = 15-18)
4. Target Tech (Total Points = 19-24)

The three year summary [STaR Chart results](#) (2009-2011) show that in key area one, teaching and learning, Porter went through the following classification categories: Developing Technology (2008-2009), Advance Technology (2009-2010) then Developing Technology (2010-2011) (TEA, STaR Chart, 2008). The data shows that teachers had great success implementing the technology and they continued to improve but they are now stuck and need more professional development in order to continue implementing it in the classroom. As we keep in mind that every year there is administration change to new teachers replacing retired teachers. This caused a pause and re-teaching needs to take place. Technology requires yearly professional development; just like we train our teachers every year on how to administer the STAAR then we should train our teachers on how to use technology in the classroom on a yearly basis.

In the other three key areas of the STaR Chart, Porter High School improved and even exceeded to advance technology in the area of leadership, admin, and instructional support.

Overall Porter High School is far from being exempt of being a technology campus. The campus is well prepared and technology ready.

Goals

Our goals are connected with the four areas of the STaR Chart:

1. Teaching and Learning
 - a. Technology use will have a pattern in how teachers implement it in the classroom
 - b. Teachers will share an instructional design in which can be used in any subject integrating technology
 - c. Technology integration will be aligned to the TEKS when implemented into the curriculum
 - d. EOC exam will determined if students have mastered using technology in the classroom
 - e. Teachers will provide students with online access for present and futures resources i.e. <http://www.itechgranado.weebly.com> (Granado, Computer Maintenance - Porter Nation, 2012)
2. Educator Preparation and Development
 - a. Teachers will attend professional development trainings provided by Instructional Technology Services
 - b. Campus MTT (Master Technology Teacher) or TST (Technology Support Teacher) will offer professional development in the use of technology according to the technology available at the campus level.
 - c. Teachers attending the professional development training will then teach other teachers.
 - d. Campus MTT or TST will have technology resources available online for campus teachers i.e. <http://besteiretech21.pbworks.com/w/page/31892114/Resources> (Granado, PBworks, 2011)
 - e. Porter will send monthly surveys and evaluate if teachers are making use of the technology training and if they are implementing it in the classroom
 - f. Campus MTT or TST will offer online course for teachers i.e. <http://projectsharecourse.weebly.com/> (Granado, Weebly.com, 2012) & <http://windowsmoviemakercourse.weebly.com/> (Granado, Windows Movie Maker, 2011)
3. Leadership, Administration, and Instructional Support
 - a. Porter's technology and leadership vision will be added to the school website including this long term technology plan and administration will lead our teachers to successfully integrate technology into the classroom

- b. The campus will start with the implementation of Schoology.com and continue to bring in more technology resources that will allow teachers to successfully use technology in the classroom.
 - c. Teachers will have the instructional provided by the campus MTT or TST
 - d. Teachers will be able to communicate and collaborate through the following median:
 - i. Project Share
 - ii. Weebly Blog
 - iii. Schoology.com
 - e. The Budget always plays a big factor, but fortunately Porter administration has made the best decisions when ordering the technology for the campus. Many of the Web 2.0 tools that will be implemented are free i.e. Schoology.com, Project Share, & Weebly.com
 - f. The online resources will be updated and is considered a live document. Teachers will be able to contact the campus MTT or TST through the means of Schoology.com or Weebly.com blog.
4. Infrastructure for Technology
- a. Students will have a 2:1 ratio on computer usage and 85% of the time they will have access to a computer lab with the exception during the online exams.
 - b. With E-Rate funds the campus will continue to keep the network infrastructure updated and fairly new including Ethernet speed usage.
 - c. The implementation of Schoology.com and Weebly.com is having an online course that will prepare students for online college courses.
 - d. The campus MTT and TST will be available for technical support
 - e. Teachers & students will have access to local area network as well as wide area network with the support of our Technology Service Department.
 - f. Porter High School didn't receive the TANBERG distance learning equipment, but teacher have been and will continue to utilize professional development web conferences.

Action Plan

Action	Timeline	Party responsible	Cost	Funding Source	Evaluation	Other notes
Provide Mobi Training to all teachers	Fall 2013	Master Technology Teacher, Support Technology Teacher, Instructional Technology Services	\$0	Professional Development Credit hours	Sign In Sheets, Admin Walkthroughs, Electronic Registrar Online transcript	All Professional Development for Mobi trainings are afterschool and so there is not cost only credit hours for

						attending towards their TEA renewal for their teaching certificate
Provide Smartboard training to all teachers	Fall 2013	Master Technology Teacher, Support Technology Teacher, Instructional Technology Services	\$0	Professional Development Credit hours	Sign In Sheets, Admin Walkthroughs, Electronic Registrar Online transcript	" "
Have all campus teachers activate their Project Share Account	Spring 2013	Master Technology Teacher, Support Technology Teacher, Instructional Technology Services	\$0	None	Sign In Sheets, Administrator Walkthroughs	There is no Funding Source this this is a Web 2.0 platform available to all BISD Faculty & Staff
Have all teachers create a website on weebly.com	Fall 2013	Master Technology Teacher, Support Technology Teacher, Instructional Technology Services	\$0	None	Sign In Sheets, Administrator Walkthroughs, Website link	There is no Funding Source this this is a Web 2.0 platform available to the public
Train all teachers on how to use Schoology.com	Fall 2013	Master Technology Teacher, Support Technology Teacher, Instructional Technology Services	\$0	None	Sign In Sheets, Administrator Walkthroughs, Member Username	There is no Funding Source this this is a Web 2.0 platform available to the public

Implementation

The integration of technology in our campus will involve the participation of our teachers to successfully take the opportunity of the professional development trainings and implement them in the classroom with our students. This can only happen with the support of our administrators. The presence of an administrator makes the difference if a teacher will participate or sit in professional development training. As mentioned by Burmark , “If you’ve got to teach an idea to a room full of people, and you aren’t certain what they know, concreteness is the only safe language,” (Burmark, 2011)

BISD offers technology credit hours for both the presenters and the teachers. The District provides other means of support by offering technology professional development trainings to all BISD employees through Instructional Technology Service. There will be a link on the campus website that will direct the teachers to a calendar of events. These events will consist of the time and date that the trainings will take place. There will also be a linked that will direct to off campus technology trainings that are offered through Technology Services. The community will have access to all this information through the campus website.

This technology plan will be very successful since technology is advancing very rapidly that even the STAAR exam will eventually be administered online. This brings us to the fact that all the implementations mentioned in the action plan will be very useful and require no funds because everything is in the cloud (Online-Web base). The simple fact of using Project Share throughout the campus is the mere fact that collaboration will be made simple and no traveling is required. With the click of a button and teachers will be sharing curriculum ideas through campus collaborative shared groups in Project Share. Yes our veteran teachers will have to adjust, but support will be provided for them, possible a more one-to-one support to avoid peer pressure among colleagues. The driving force of this implementation will be the MTT or TST with the administrative support. Department chairs will play a big role but most importantly the willing teachers wanting to stay above and beyond our students success in the classroom.

Evaluation

The long term technology plan will be simple to control and evaluate since they all require a username and password except the use of the Mobi Pads and Smartboards. The following use of evaluations will be conducted:

1. Mobi Pads
 - a. Teachers will submit a survey to show if the students are benefiting from the use of technology in the classroom
 - b. Sign in sheets that demonstrate they have attended professional development trainings for the Mobi’s
2. Smartboards
 - a. Teachers will submit a survey to show if the students are benefiting from the use of technology in the classroom

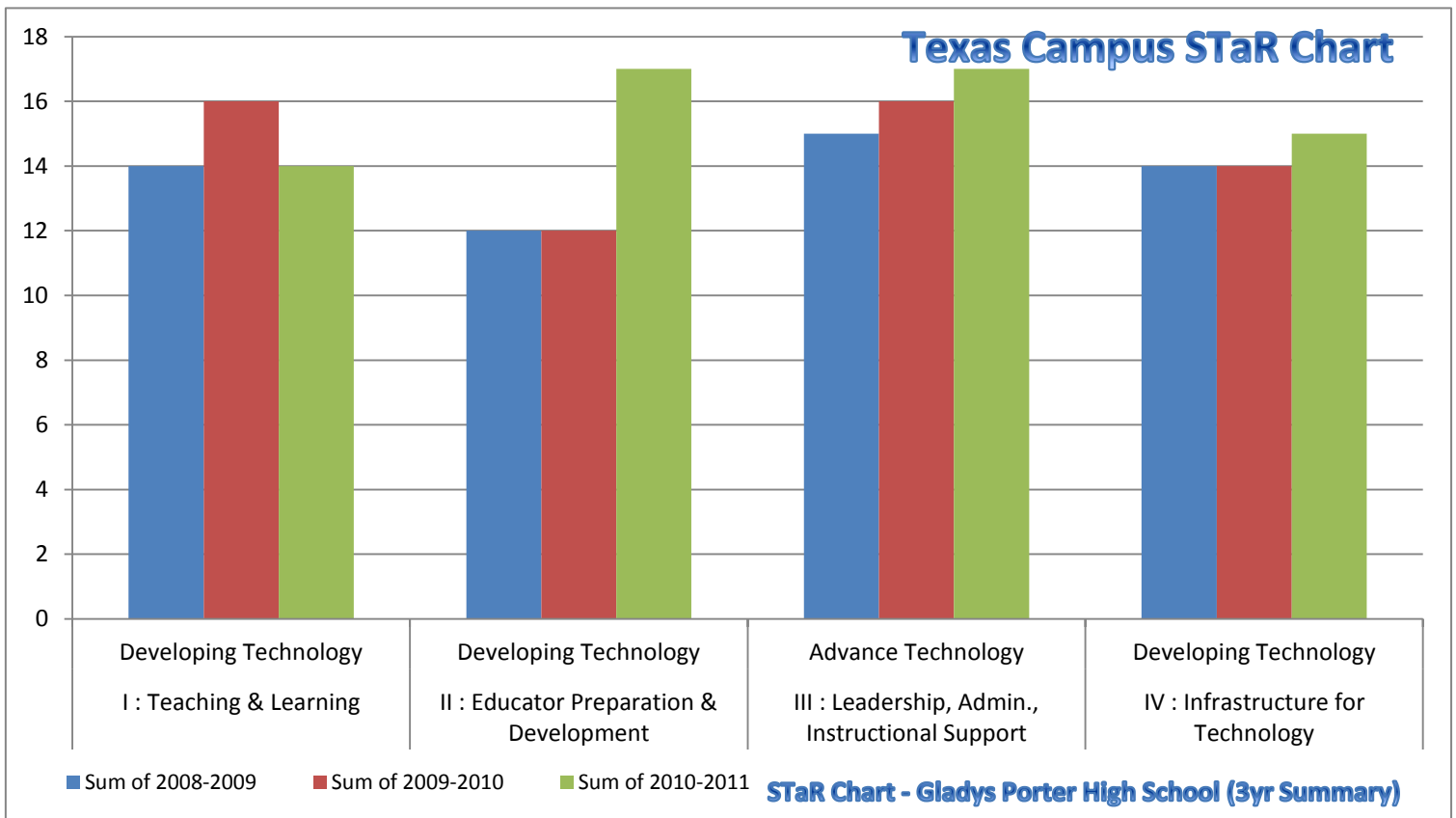
- b. Sign in sheets that demonstrate they have attended professional development trainings for the Mobi's
- 3. Project Share
 - a. Teachers will have access to the online course: <http://projectsharecourse.weebly.com/>
 - b. Teachers will become a member of their campus collaborative group and show mastery of all modules of the online course
 - c. Administration will make use of Project Share to model the importance of collaboration among teachers
- 4. Weebly.com
 - a. Teachers will submit survey which will represent the completion of creating their classroom Weebly account
 - b. Teacher's contact information and possibly a brief E-Portfolio but more importantly students resources that can be accessed at their convenience
 - c. The Website will be placed on the wall so that students always know that they have access to their work, online.
- 5. Schoology.com
 - a. Teachers will submit survey which will represent the completion of creating their classroom Schoology account
 - b. Teacher's contact information and possibly a brief E-Portfolio but more importantly students resources that can be accessed at their convenience through Schoology
 - c. The Website will be placed on the wall so that students will always know that they have access to their work, online
 - d. Schoology has the look of Facebook and students adapt very quickly

STaR Chart – 3yr Summary

Row Labels	Sum of 2008-2009	Sum of 2009-2010	Sum of 2010-2011
I : Teaching & Learning	14	16	14
Developing Technology	14	16	14
II : Educator Preparation & Development	12	12	17
Developing Technology	12	12	17
III : Leadership, Admin., Instructional Support	15	16	17
Advance Technology	15	16	17
IV : Infrastructure for Technology	14	14	15
Developing Technology	14	14	15
Grand Total	55	58	63

Principal : Liz Valdez

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Needs Assessments Survey Results

Needs Assessment Survey	
Gladys Porter High School	
Key Area of Concern	Related Questions
Key Area II: Educator Preparation & Development	1. Does Porter High School offer professional development training that support you with your technology implementation in the classroom?
	2. Does Brownsville ISD offer professional development training that support you with your technology implementation in the classroom?
	3. Do you meet with your department to discuss the best practices that can be used with the technology you already have available in the classroom?
	4. How often do you check to see what is the new technology that you could use in the classroom to raise student success?
	5. Your technology support team checks to see how you are doing with your success of implementing your technology resources in the classroom.
	6. Do you share technology resources & Ideas through Project Share?

STAR CHART KEY AREA SUMMARY

Key Area Summary				
	Key Area Total			Key Area STaR Classification
	2008-2009	2009-2010	2010-2011	
I. Teaching and Learning	14	16	14	Developing Technology
II. Educator Preparation and Development	12	12	17	Developing Technology
III. Leadership, Admin., Instructional Support	15	16	17	Advance Technology
IV. Infrastructure for Technology	14	14	15	Developing Technology

Created by: Noe Granado

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