

## **I. Vision**

The vision of the Long Range Technology Plan is to provide the necessary tools and resources that will ensure the success of our students as 21 century learners. The district as a whole will experience technological growth that will help us prepare our students for their future.

## **II. Assessment**

According to the information found on the STaR Chart data from 2008-2011 the district is at a 2 which is Developing Technology. The information gathered in the Technology Survey also supports the information gathered from the STaR Chart data.

In area I Teaching and Learning, there are not enough computers available to be used by all students at all times. Web 2.0 technologies are not being used and the lack of teacher computer knowledge is evident.

In area II Educator Preparation and Development there is not enough emphasis put in technology trainings. Less than six hours a year are dedicated to technology training and this is done by local teachers.

In area III Administrative and Support Services, high quality support is not available. Additional support needs to come from administrator to emphasize mission critical activities to be addressed as soon as possible.

In area IV Infrastructure for Technology, the bandwidth increase is desperately needed. Although it is supposed to be in process, it is yet to happen and regular browsing is being compromised by the lack of speed. There is an initiative to put several iPads in the student's hands, but there is a lack of wireless internet access that will not allow this to succeed. Network core equipment as well as the Uninterruptible Power Supply system are severely crippled and are in desperate need of replacement. Issues with the existing phone service are a cause for serious concerns.

The ratio of students to computers is 4:1, which is far under the state requirements. Some of the computers are outdated, which would bring the ratio down.

### **III. Goals**

The following goals will be addressed in this Technology Plan:

In Area I Teaching and Learning

1. Lessons are to include technology integration.
2. Classroom observations will also focus in technology integration.

In Area II Educator Preparation and Development:

1. Teacher's trainings will be conducted in the use of Web 2.0 and other technology tools to enhance the current curriculum.
2. Outsourcing some of the training will bring more up-to-date relevant trainings in the use of technology to the classroom.
3. Technology Conference attendance can broaden the use of technology in the classroom.

In Area III Administration and Support Services:

1. Technology Support personnel will be trained in the latest hardware, operating systems, software and customer service.
2. A work order system will be implemented to track ticket history, response time and responsibility.
3. A Technology Committee needs to setup to help analyze the STaR Chart, Technology Plan and new technology implementation to meet the Long Range Technology Plan in the district.

#### In Area IV Infrastructure for Technology:

1. The Uninterruptible Power Supply System will be upgraded to protect the core network and server equipment during electric outages.
2. Network core equipment will be updated; the current equipment is more than ten years old.
3. Wireless coverage will be expanded in all areas and campuses areas.
4. The telephone system will be upgraded to the latest one, and all calls will be routed appropriately.
5. A computer replacement program will be implemented and an accurate and updated inventory of the technology equipment in the district will be created. The replacement cycle will be based on the purchase date and the type of equipment. This will help keep up with new technology and phase out obsolete equipment.
6. Higher bandwidth will be purchased to accommodate the current and future Internet needs.
7. Computers are to be purchased to close the gap in the student to computer ratio.

#### **IV. Action Plan**

	<b>Action</b>	<b>Time Line</b>	<b>Party responsible</b>	<b>Cost</b>	<b>Funding Source</b>	<b>Evaluation</b>	<b>Other Notes</b>

Focus Area: <u>I</u> Goal # <u>1</u> :	Lesson Plan Technology Integration	Spring 2013, Yearly	Principals, MTT's, Teachers	20,000	Local	Lesson Plans STaR Chart Survey	
Focus Area: <u>I</u> Goal # <u>2</u> :	Classroom Observations Technology Focus	Spring 2013, Yearly	Principals, Teachers, MTT's	20,000	Local	STaR Chart Survey	
Focus Area: <u>II</u> Goal # <u>1</u> :  and Development	Web 2.0 and Technology Trainings	Spring 2013, Yearly	MTT's, Principals, Technology Director, Technicians, Technology Committee	50,000	Local	Training Evaluation  Survey  Attendance rosters  STaR Chart	
Focus Area: <u>II</u> Goal # <u>2</u> :	Outsourced Technology Trainings	Fall 2014, Yearly	Principals, Technology Director, Outside Representatives, Technology Committee	100,000	Local, Grants	Training Evaluation  Survey  Attendance rosters  STaR Chart	

Focus Area: <u>II</u> Goal # <u>3</u> :	Technology Conferences	Fall 2014, Yearly	Principals, Teachers	150,000	Local, Grants, State Technology Allotment	Survey Attendance rosters STaR Chart	
Focus Area: <u>III</u> Goal # <u>1</u> :	Technology Support Services Training	Spring 2014, Yearly	Technology Director, Principals, Technicians, MTT's, Technology Committee	30,000	Local	Attendance rosters STaR Chart Survey	
Focus Area: <u>III</u> Goal # <u>2</u> :	Technology Work Order System	Spring 2013, Yearly	Technology Director, Principals, Technicians, Technology Committee	20,000	E-Rate, Local	Survey STaR Chart Work Order Completion	
Focus Area: <u>III</u> Goal # <u>3</u> :	Technology Committee	Spring 2013, Yearly	Superintendent, Principals, MTT's, Select Teachers, Technology Director, Technicians	50,000	Local	Survey STaR Chart Technology Plan E-Rate	

Focus Area: __IV____ Goal #_1__:	UPS System Upgrade	Spring 2013, Yearly	Technology Director, Principals Technicians, Technology Committee	50,000	E-Rate	Survey  STaR Chart	
Focus Area: __IV____ Goal #_2__:	Network Core Upgrade	Fall 2014, Yearly	Technology Director, Principals, Technicians, Technology Committee	100,000	E-Rate	Survey  STaR Chart  Technology Inventory	
Focus Area: __IV____ Goal #_3__:	Wireless Coverage	Fall 2014, Yearly	Technology Director, Principals, Technicians, Technology Committee	50,000	E-Rate	Survey  STaR Chart	
Focus Area: __IV____ Goal #_4__:	Telephone System Upgrade	Spring 2013, Yearly	Technology Director, Principals, Technicians, Technology Committee	50,000	E-Rate	Survey  STaR Chart	
Focus Area: __IV____	Computer Replacement Program	Fall 2014	Technology Director, Principals,	20,000	Local	Survey	

Goal #_5_:		Yearly	Technicians, Technology Committee, MTT's			STaR Chart  Technology Inventory	
Focus Area: __IV____ Goal #_6_:	Bandwidth Increase	Spring 2013  Yearly	Technology Director, Principals, Technicians, Technology Committee	20,000	E-Rate	Survey  STaR Chart	
Focus Area: __IV____ Goal #_7_:	Computer and Laptop Purchase	Fall 2014, Year	Technology Director, Principals, Technicians, Technology Committee, MTT's	150,000	Local, Grants and E-Rate	Technology Inventory  Student to computer ratio  STaR Chart	

Budget	
I Teaching and Learning	40,000
II Educator Preparation and Development	300,000
III Administration and Support Services	100,000
IV Infrastructure for Technology	440,000
<b>Total:</b>	<b>880,000</b>



## **V. Evaluation**

The evaluation and modification of the Technology Plan will be conducted by the Technology Committee. Inventory records in conjunction with the Computer Replacement Program will be used to gauge the student to computer ration and the amount of up to date technology available to students and staff. Surveys will be used to gauge the effectiveness of trainings and the implementation of technology in the classrooms as well as its usage. STaR Chart information will also be used to evaluate the technological changes for the district. Training attendance and Training Evaluation will also be used to measure their success.

## **VI. Administrative Review**

None

### **Resources:**

<http://starchart.epsilen.com/>

[http://www.tea.state.tx.us/index2.aspx?id=5082&menu\\_id=2147483665](http://www.tea.state.tx.us/index2.aspx?id=5082&menu_id=2147483665)

<http://www.tea.state.tx.us/index2.aspx?id=2147501611>