

Galena Park Independent School District Galena Park ISD: Technology District Improvement Plan

2008 - 2009

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Section 1 - Introduction

1. **District:** Galena Park ISD: Technology
2. **Location:** 14705 Woodforest Blvd.
Houston, TX 77015
3. **Budget Manager:** Darlene Lovinggood, Director of Technology Support
4. **District Advisory Team:**

Kathy Brownlee, Coordinator of Technical Support
Laurie Bush, High School TIS
Bryan Clements, Executive Director of Security and Technology Support
Paul Drexler, Middle School Principal
Stephanie Hatten, Elementary TIS
Vicki Johnson, Director of Career and Technology Education
Elizabeth Lalor, Director of Research and Evaluation
John Lewis, High School TIS
Marsha Masi, Director of Staff Development
Terri Moore, Elementary Principal
Rosalba Norman, Elementary TIS
Lou Ann Scott, Program Director for Secondary Language Arts
Cheryl Slaid, Middle School TIS
Michelle Young, Coordinator of Instructional Technology

5. **District Mission/Vision Statement:**

Mission: The mission of Galena Park ISD is “to prepare students to become productive citizens and life-long learners.” As part of this mission, Galena Park ISD prepares its students to be competent in the use of technology. GPISD believes that an effective integration of technological systems will help to prepare students for the application of skills in the 21st century.

The technology mission of GPISD is to integrate technology in a way that the educational

program for all children in the district will encourage problem-solving, exploration and learning in the classroom; provide student-centered learning; provide access to technology for all students and staff; provide for both current and future needs; restructure the learning environment; encourage communication; complement current key teaching strategies; and implement a comprehensive information system.

Section 2 - Needs Assessment

1. Where We Have Been: INFRASTRUCTURE

- A gigabit fiber backbone has connected all campuses for the past seven years.
- There is fiber connection to Region IV for Internet connectivity.
- A secondary Telephone line to Data Foundry in Austin was added last year.
- One campus had wireless connectivity, paid for with TIP funds.

IP TELEPHONES

- Only the Admin building, new and some remodeled campuses had Voice over IP (VoIP) telephones. The Technology Department supported about 500 IP phones.

STUDENT COMPUTERS

- Student computer were aging and needed to be replaced.

SOFTWARE

- All employees had email on First Class.
- Student data systems were converted from SASI III to Skyward.
- Financial data and payroll systems were converted from Delta to Sage.

VIDEOCONFERENCING

- Videoconferencing was available on a very limited basis in the District.

2. Where We Are Now:

INFRASTRUCTURE

- A gigabit fiber backbone connects all campuses.
- We have fiber connection to Region IV for Internet connectivity.
- We have a two T1 lines to Data Foundry in Austin for backup purposes and redundancy.
- All campuses have wireless connectivity, paid for with district and e-rate funds.

IP TELEPHONES

- All campuses and the Admin building have Voice over IP (VoIP) telephones. The Technology Department now supports over 2,200 IP phones. This project is complete.

STUDENT COMPUTERS

- We have purchased more than 2,500 new computers since last summer with Bond funds.

SOFTWARE

- All employees have email on First Class.
- Our student data system is Skyward.
- Our financial data and payroll run on Sage.

VIDEOCONFERENCING

- We have purchased 5 portable videoconferencing units with Bond funds and 8 unites with E-Rate funds. These are being used for instruction, staff development and remote attendance at Region IV conferences.

3. Where We Are Going:

INFRASTRUCTURE

- We plan to add an additional redundant connection to Region IV.

- Network equipment at GPHS and in the Administration Building will be upgraded this summer with Bond and e-rate funds.
- This will give GPISD new network equipment at every campus that will last for the next 3 to 5 years.

STUDENT COMPUTERS

- We plan to purchase about 3,000 additional student computers over the next 2 fall semesters with Bond funds. All computers are designated for classrooms and labs - to be used as replacements for older equipment.

SOFTWARE

- We are purchasing Alio, Applicant Tracking and will implement Alio, Accounts Receivable System

VIDEOCONFERENCING

- We have purchased a StarBak video distribution system with Bond funds. District wide implementation will take place this school year. This will provide on-demand video capability at every networked computer. It will be used for instruction, staff development and remote conferencing.

Section 3 - Overview of Goals and Objectives

The goals for Galena Park ISD: Technology for the 2008 - 2009 school year are as follows:

Goal 1: Infrastructure for Technology

Increase Access to Technological Tools

Objective 1.1: All administrators, teachers and staff will have increased access to technological tools and will use a variety of these tools to address the individual needs of students.

Goal 2: Increase skills, knowledge, and abilities of GPISD employees

Educator Preparation and Development: Incorporate technology as an integral part of instruction through meaningful staff development

Objective 2.1:

Section 4 - Action Plan

Goal 1: Infrastructure for Technology
 Increase Access to Technological Tools
Projected Date of Completion of Goal: 05/2006

Objective 1.1: All administrators, teachers and staff will have increased access to technological tools and will use a variety of these tools to address the individual needs of students.

Action ID	Action Statement Start & Finish Dates	Primary Responsibility (Person) and Target Population and # Served	Resources Required and Source of Funding (\$ amounts) Budget Amount & Source	Indicators of Success Priority & Progress
1.1.1	Provide technicians to support technology in Administration offices and on Campuses <i>Start: 07/2008</i> <i>Frequency: ongoing</i> <i>Finish: 06/2009</i>	<i>Responsibility:</i> Technology Director & Network Manager <i>Target Population:</i> Faculty, Staff, and Students	<i>Resources:</i> Tools, laptops and software for technicians. <i>Budget amount:</i> \$200,000.00 <i>Source:</i> Other (999-9) : \$200,000 from tech allotment + technicians	<i>Indicators of Success:</i> Computers are working; repairs are made in a timely manner. Records will be maintained in Eduphoria! Help Tracking System. <i>Priority:</i> High <i>Progress:</i> In progress
1.1.2	Provide access to and support for the fiber Wide Area Network <i>Start: 07/2008</i> <i>Frequency: ongoing</i> <i>Finish: 06/2009</i>	<i>Responsibility:</i> Lovinggood/Brownlee <i>Target Population:</i> Faculty, Staff, and Students	<i>Resources:</i> Monitoring equipment <i>Budget amount:</i> \$13,800.00 <i>Source:</i> Other (999-9) : Time-Warner Contract	<i>Indicators of Success:</i> Network is functioning. System monitors will show levels of service. <i>Priority:</i> High <i>Progress:</i> In progress

1.1.3	<p>Assist various departments expand their accountability through Sage Financial software. Implement Accounts Receivable and Applicant Tracking</p> <p><i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p>	<p><i>Responsibility:</i> J. Brockhan, C. Ayala, G. Payne, E. Marin</p> <p><i>Target Population:</i> All Teachers</p>	<p><i>Resources:</i> Support from C. Ayala, G. Payne, E. Marin. Support from staff in other departments.</p> <p><i>Budget amount:</i> \$30,000.00</p> <p><i>Source:</i> Other (999-9) :</p>	<p><i>Indicators of Success:</i> Conversion complete, system working</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p>
1.1.4	<p>Support VOIP telephone systems in Administration Building and on campuses</p> <p><i>Start:</i> 07/2006 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2007</p>	<p><i>Responsibility:</i> Lovinggood / L. Macias</p> <p><i>Target Population:</i> Staff</p>	<p><i>Resources:</i> Telephones</p> <p><i>Budget amount:</i> \$0.00</p> <p><i>Source:</i> Other (999-9) : Bond fund</p>	<p><i>Indicators of Success:</i> Telephones operational, customers satisfied</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> Completed</p>
1.1.5	<p>Provide Support for the Skyward Student Data System.</p> <p><i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p>	<p><i>Responsibility:</i> Lovinggood/Wilson</p> <p><i>Target Population:</i> All Teachers and all Students</p>	<p><i>Resources:</i> Staff time from Wilson, MacFarlane, T. Mertz</p> <p><i>Budget amount:</i> \$200,000.00</p> <p><i>Source:</i> Other (999-9) :</p>	<p><i>Indicators of Success:</i> System is working. Campus personnel have access.</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p>
1.1.6	<p>Implement the Disaster Recovery Plan. Provide remote backup systems within the district and off-site in Austin. Verify the integrity of the backup / recovery Systems. Maintain and test the Shutdown & Startup procedures on a regular basis.</p> <p><i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p>	<p><i>Responsibility:</i> Lovinggood/Brownlee</p> <p><i>Target Population:</i> Faculty, Staff, and Students</p>	<p><i>Resources:</i> Backup servers offsite; tapes</p> <p><i>Budget amount:</i> \$20,000.00</p> <p><i>Source:</i> Other (999-9) :</p>	<p><i>Indicators of Success:</i> Shutdown/startup plan test log. All backup systems are working and are tested regularly.</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p>
1.1.7	<p>Implement a phased approach to acquisition of new computers and peripheral hardware so</p>	<p><i>Responsibility:</i> Lovinggood</p> <p><i>Target Population:</i></p>	<p><i>Resources:</i> Hardware and software</p>	<p><i>Indicators of Success:</i> Plan has been approved and funded. Computers</p>

	<p>that all computers are no more than 4 years old (Hardware Refresh Plan), and meet the ongoing goal of a 5:1 ratio.</p> <p><i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p>	All Teachers and all Students	<p><i>Budget amount:</i> \$999,999.99</p> <p><i>Source:</i> Other (999-9) : Bond Funds</p>	<p>have been installed according to the plan.</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p>
1.1.8	<p>Continuous assessment of the Technology Plan to ensure that the use of district technology is evaluated, that useful practices continue and unnecessary equipment, software, and techniques can be eliminated.</p> <p><i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p>	<p><i>Responsibility:</i> Lovinggood, Technology Committee</p> <p><i>Target Population:</i> All Teachers and all Students</p>	<p><i>Resources:</i> Staff time</p> <p><i>Budget amount:</i> \$0.00</p> <p><i>Source:</i> Other (999-9) :</p>	<p><i>Indicators of Success:</i> New 3-year Technology Plan. Technology Plan will be consistent with Texas State Standards.</p> <p><i>Priority:</i> Medium</p> <p><i>Progress:</i> In progress</p>
1.1.9	<p>Explore and apply for alternative sources of technology funds, including e-rate, grants, school-business partnerships, cooperative arrangements with universities, community colleges, etc.</p> <p><i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p>	<p><i>Responsibility:</i> Lovinggood</p> <p><i>Target Population:</i> All Teachers and all Students</p>	<p><i>Resources:</i> staff time</p> <p><i>Budget amount:</i> \$0.00</p> <p><i>Source:</i> Other (999-9) :</p>	<p><i>Indicators of Success:</i> Successful funding</p> <p><i>Priority:</i> Medium</p> <p><i>Progress:</i> In progress</p>

Goal 2: Increase skills, knowledge, and abilities of GPISD employees

Educator Preparation and Development: Incorporate technology as an integral part of instruction through meaningful staff development

Projected Date of Completion of Goal: 04/2009

Objective 2.1:

Action ID	Action Statement Start & Finish Dates	Primary Responsibility (Person) and Target Population and # Served	Resources Required and Source of Funding (\$ amounts) Budget Amount & Source	Indicators of Success Priority & Progress
2.1.1	Training for Technical Staff <i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009	<i>Responsibility:</i> Lovinggood/Brownlee <i>Target Population:</i> Technology staff	<i>Resources:</i> Courses <i>Budget amount:</i> \$12,000.00 <i>Source:</i> Other (999-9) :	<i>Indicators of Success:</i> Certificate of completion <i>Priority:</i> Medium <i>Progress:</i> In progress
2.1.2	Staff Development for TIS & librarians <i>Start:</i> 08/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 05/2009	<i>Responsibility:</i> Lovinggood/Young <i>Target Population:</i> TIS & librarians	<i>Resources:</i> staff development resources <i>Budget amount:</i> \$25,500.00 <i>Source:</i> Other (999-9) : Technology Allotment	<i>Indicators of Success:</i> Completion of Staff development; attendance at technology conference <i>Priority:</i> Medium <i>Progress:</i> In progress
2.1.3	Staff Development for PEIMS staff Training for PEIMS clerks <i>Start:</i> 09/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 05/2009	<i>Responsibility:</i> Lovinggood/Wilson <i>Target Population:</i> PEIMS clerks	<i>Resources:</i> staff development materials <i>Budget amount:</i> \$0.00 <i>Source:</i> Other (999-9) :	<i>Indicators of Success:</i> Training plan for PEIMS clerks. Completion of staff development. <i>Priority:</i> Medium <i>Progress:</i> In progress

2.1.4	<p>Provide videoconferencing equipment for staff development & distance learning in the Staff Development Center, the Administration Building, and on selected campuses. Provide video on demand capability that is available to all campuses over TCP/IP.</p> <p><i>Start:</i> 07/2008 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p>	<p><i>Responsibility:</i> Lovinggood/ Brownlee / Media Specialist</p> <p><i>Target Population:</i> Faculty, Staff, and Students</p>	<p><i>Resources:</i> Video equipment; bond funds; e-rate funds.</p> <p><i>Budget amount:</i> \$100,000.00</p> <p><i>Source:</i> Other (999-9) :</p>	<p><i>Indicators of Success:</i> Video equipment is in place. Video on demand is in place. Evidence of use through Eduphoria logs.</p> <p><i>Priority:</i> Medium</p> <p><i>Progress:</i> In progress</p>
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