

Zachary Community School District

System Technology Plan

Approved June 24th 2010

Zachary Community School District Technology Plan

SCHOOL BOARD and SUPERINTENDENT

Name	Title
Warren Drake	Superintendent
Hubie Owen	Board President, Dist.5
Sharon Samuel	Vice President, Dist. 3
Gaynell Young	District 1
Scott Swilley	District 2
Carl Snowden	District 4
Jannie Rogers	District 6
Carl Kelley	District 7
Jonathan Benda	District 8
David Dayton	District 9

Zachary Community School District Technology Plan

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Zachary Community School District Technology Plan

INTRODUCTION/OVERVIEW

Vision Statement

The Zachary Community School District will provide an environment where technology facilitates student learning and employee efficiency.

Mission Statement

The Zachary Community School District will provide the equipment, infrastructure, professional development opportunities, and other resources necessary to enhance student achievement and district performance.

Zachary Community School District's Strategic Plan

The Vision and Mission Statements are taken directly from the Technology section of the *Zachary Community School District Strategic Plan*. This strategic plan, adopted by the board on August 4, 2004 and revised on August 2006, drives all technology decisions made by the Zachary Community School District. The strategic plan is scheduled to be revised in the 2010-2011 school year.

Action Steps 1: *Strengthen Leadership*

Leaders at all levels will support systemic change through transformational leadership while monitoring effective use of instructional technology which supports standards-based school improvement efforts.

Current Status:

- 1. At the district level, information regarding funding available to the schools is disseminated through the Technology Director.**
- 2. The Technology Director serves on every School Improvement Team to help coordinate the technology goals, objectives, and evaluation tools in the SIP of every school.**
- 3. District online assessment tools are created and used to monitor teacher/student proficiency.**
- 4. District has online information available to parents in relation to parental involvement activities and how technology is being utilized in the district.**

Benchmarks, Target year 2014:

- 1. By the end of 2013-14, 100% of administrators will participate in LEADTech. Currently we are at 90%.**
- 2. By the end of 2013-14, 100% of administrators will use technology in their administrative roles (email, web pages, etc). Currently we are at 100%.**
- 3. By the end of 2013-14, 100% of administrators will have a technology component in their School Improvement Plan. Currently we are at 100%.**
- 4. By the end of 2013-14, 100% of administrators and curriculum writers will integrate technology into their Curriculum. Currently we are at 90%.**
- 5. By the end of 2013-14, the district will provide 100% of administrators and teachers with an up-to-date computer, software, and the necessary infrastructure to use the available technology. Currently we are at 100%.**
- 6. By the end of 2013-14, the district will provide funding for 100% of administrators to attend conferences and training sessions to improve their use of technology. Currently we are at 100%.**
- 7. By the end of 2013-14, 100% of parental involvement information and technological information will be available on the online through Moodle.**
- 8. All District/LEA administrators/leaders will be encouraged to use technology to effectively monitor and evaluate teachers.**

Evaluation Strategies and Timeline:

Evaluation Strategy	Frequency	Timeline
Enrollment in technology courses	Annual	July – June
State Technology Survey	Semi-Annual	March
District inventory and Budget Reports	Ongoing	July – June
Grant applications and budgets	Ongoing	July – June
Administrative Evaluations	Ongoing	July-June
Parental Involvement Survey	Annual	April-May

Strategies:

1. Provide information on technology opportunities such as LEADTech, Region 2 trainings, etc.
2. Provide to administrators the information for SEDL surveys such as: website, password, and timeline.
3. Maintain the district inventory for hardware and software updating when needed.
4. Complete grant applications and budgets in order to provide technology in the schools.
5. Provide information about parental involvement information and activities via the district website and Moodle.
6. Conduct a survey and evaluate results about parental involvement on district and school level.
7. Provide samples of indicators that monitor and evaluate the use of technology for curriculum integration to be used on district/school required observation, evaluation, or walk-through district forms.

Action Step 2: *Improve Teacher Training*

Teachers will participate in effective professional development to ensure that technology and other educational resources available in schools are being used to enhance student learning.

Current Status:

Title II, EETT, EEF, Carl Perkins, and Teacher Quality grants provide funds for district level training, state and national conferences, and college and online courses for Professional Development activities.

Benchmarks, target year 2014:

1. By the end of 2013-14, 100% of all teachers will be trained to use software to perform administrative/ management instructional tasks. Currently we are at 100%.
2. By the end of 2013-14, 100 % of teachers will participate in technology training to enhance implementation of technology into their lessons. Currently we are at 75%.
3. By the end of 2013-14, 100% of teachers will be proficient in technology skills. Currently we are at 75%.
4. By the end of 2013-14, 100% of teachers will incorporate technology into curriculum to enhance instruction.

Evaluation Strategies and Timeline:

Evaluation Strategy	Frequency	Timeline
Electronic lesson plans, grade books, report cards, web page assignments	Ongoing	Spring
Administrators' classroom observations and teacher evaluations	Ongoing	Sept. – May
District made online assessment	Annually	April/May
Technology Professional Development	Ongoing	Sept.- May
Curriculum Writing	Ongoing	Sept.- May

Strategies:

- 1. Provide training for teachers on electronic lesson plans, grade books, report cards, and web pages.**
- 2. Observe how teachers use the technology skills that are taught in workshops and seminars that they attend.**
- 3. Provide the means for teachers to take online assessment tests.**
- 4. Professional Development Opportunities for teachers to improve in technology instruction in the classroom to enhance student achievement.**
- 5. Provide opportunities for teachers to participate in curriculum writing to embed technology into the curriculum.**

Action Step 3: Support E-Learning and Virtual Schools

In the past five years there has been significant growth in organized online instruction (E-learning) and “virtual” schools, making it possible for students at all levels to receive high quality supplemental courses or full courses of instruction personalized to their needs. Traditional schools are turning to these services to expand opportunities and choices for students and professional development for teachers.

Current Status:

- 1. Information is disseminated to every administrator on the Louisiana Virtual High School (LVS) course offerings.**
- 2. Algebra I online courses have not been needed. Sufficient number of HQ Math teachers.**
- 3. Several homebound students have been enrolled into the “Ablaze Academy” on-line school.**
- 4. NOVEL/STAR(S) is a fully operational online and seats are being increase as need for students to acquire recovery credits through an online medium.**

Benchmarks, Target Year, 2014:

- 1. By the end of 2013-14, 100% of the information available to the district will be disseminated to administrators. Currently we are at 100%.**
- 2. By the end of 2013-14, 100% of the student population who need online courses will have taken online courses. Currently we are at 100%**
- 3. By the end of 2013-14, the district will expand its e-learning courses through Ablaze Academy, Novel/Stars, etc. by 10% each year to meet the curriculum needs of its students.**

Evaluation Strategies and Timeline:

Evaluation Strategy	Frequency	Timeline
Disseminated information	Ongoing	Sept.-May
Student grades	Semi-Annual	January & May
Participation in E-learning Courses	Ongoing	Sept-May
Student Progress in E-learning Courses	Ongoing	Sept-May

Strategies:

- 1. Disseminate information about online opportunities to administrators, teachers and students.**
- 2. Evaluate grades of the students who participated in the online courses.**
- 3. Offer students opportunities to take e-learning courses.**
- 4. Inform district and school administrators, teachers, and students of e-learning opportunities for provided for them by the district and the state.**

Action Step 4: *Encourage Improved Access and Technology Usage*

Most public schools, colleges and universities now have access to high-speed, high-capacity hardware, software, and broadband communications. However, improved access, usage and integrated, interoperable data systems that are current and well-maintained could empower educators to transform teaching.

Current Status:

- 1. Student to computer ratio is 2:1.5**
- 2. Fiber Optic Cable is being run throughout the district. The district office will be connected at a permanent location by Fall 2010.**
- 3. A Data Center has been established where all servers will be located.**
- 4. Wireless access at High school. The other 5 schools will be wireless by 2013-2014.**
- 5. At least 2 laptop carts (Net books) at each school.**

Benchmarks, Target Year 2014:

- 1. By the end of 2013-14, the student to computer ratio will be 2.5:1. Currently we are at 3.7:1.**
- 2. By the end of 2013-14, 100% of all teachers will have the classroom technology model: computer station, mounted projector, interactive panel, 120" screen. Currently we are at 90%.**
- 3. By the end of 2013-14, 100% of the schools will be connected by Fiber Optic Cable. Currently we are at 100%.**
- 4. By the end of 2013-14, students and teachers will have access to computers and appropriate connectivity in educational settings.**
- 5. The district will continue to see recurring funding sources to support systems and schools in implementing technology plans and also encourage strategic system level convergence of funds.**

Evaluation Strategies and Timeline:

Evaluation Strategy	Frequency	Timeline
Inventory and Technology budget	Annually	May
Project report	Annually	May
Internet contract	Annually	July
Coordination of Resources	Ongoing	Sept.-May
Connectivity/Access for Students, Teachers & Admin.	Ongoing	Sept.-May

Strategies:

- 1. Provide the necessary funding to obtain needed hardware, software, and infrastructure.**
- 2. Communicate with the fiber vendor and assess progress of the implementation project.**
- 3. Complete the E-Rate grant to obtain necessary funding to increase Internet speed.**
- 4. Seek federal, state, and corporate grant funding for technology where available.**
- 5. Participate in e-rate to maximize the funds available for technology.**

NEEDS ASSESSMENT SUMMARY

List the System's strengths and weaknesses as identified by data collected.

System's Strengths	System's Weaknesses
<p>1. A technical support structure which provides a continuity of service as well as a strong professional development plan.</p> <p>2. Advent of a computer on every teacher desk demands a level of proficiency.</p> <p>3. Flexible, secure, easy to maintain Novell Network structure.</p> <p>4. Band-width is sufficient to support graphic rich applications.</p> <p><i>These strengths were taken from the ZCSD Strategic Plan.</i></p> <p>4. State-of-the-art technology.</p> <p>5. Obtaining and utilizing technology to enhance student learning.</p> <p><i>These strengths were taken from the ZCSD SACS Exit Report.</i></p>	<p>1. Employee training and proficiency in application and integrating computers into the classroom requires improvement.</p> <p>2. More computers are needed for student use.</p> <p><i>These weaknesses were taken from the ZCSD Strategic Plan.</i></p>

APPENDIX B
System Name
System Review Assurance

By signing this form, you confirm that your school board reviewed and approved the system technology plan for 2007-2014. This signed form is to be included with the system technology plan at the time of its submission to the State Department of Education.

WE HEREBY ACKNOWLEDGE THIS 24TH DAY OF JUNE, 2010, THAT WE HAVE REVIEWED AND APPROVED THE SYSTEM TECHNOLOGY PLAN FOR ZACHARY COMMUNITY SCHOOL DISTRICT.

SUPERINTENDENT

SCHOOL BOARD PRESIDENT

APPENDIX D
System Name
TECHNOLOGY PLAN DEVELOPMENT TEAM MEMBERS

List the names and occupations of team members serving on your system's Technology Plan Development Team.

Dates of Meetings: 04/01/01; 04/20/04; 04/26/04; 05/05/05; 06/29/06; 09/11/06; 11/27/06; 02/07/07, December 2009, May 2009, June 2009, June 2010.

NAME	OCCUPATION
Sharon Samuel	Board Member
Patrick Evans	Parent
David Dayton	Board Member
Gaynell Young	Board Member
Carl Kelly	Board Member
Gwendolyn Longmire	Technology Director
Joe Rush	MIS Tech Group Owner/Business
Francis Nezianya	Business
Joy Bueche	Teacher
Janelle Young	Teacher
Adonica Duggan	Communications Specialist
Middle School Designee	Student
Kierston Jackson	Student
Tammy Wood	Coordinator of Gifted
Yolanda Williams	Director of Personnel
Michelle Clayton	Director of Accountability
Aeneid Mason	Director of Student Support Services
Karin Lawless	Supervisor of Accountability

APPENDIX E

Zachary Community School District E-rate budget

The Analysis Sheet was prepared in accordance with Section 54.508(b) of the FCC's Rules and Regulations, Chapter 1 of Title 47 of the Code of Federal Regulations.

SYSTEM: Zachary Community School District	FUNDING YEAR: 2010-2011
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Prepared by: Gwendolyn Longmire

Date:

Specific E-Rate Service(s) Requested: Internet Access

E2T2 Goal(s) which are addressed by the service (either reference to a location within the plan or a brief narrative description): Action Step 4: Encourage Improved Access and Technology Usage.

Evaluation Activity for the service (either reference to a location within the plan or a brief narrative description): Action Step 4: Encourage Improved Access and Technology Usage.

Current level/amount of service:	Level after E-Rate request is filled:	Budget\$ for system's share (for each charge involved in the service):	Planned budget source or line item for each amount:
100 Mbps fiber connection	100 Mbps fiber connection	100,000	General Fund

NON-ELIGIBLE REQUIREMENTS TO MEET GOALS

Hardware required:	Current level:	New required:	Budgeted \$:	Source of funds:
			1.2 million	

Software required:	Current level:	New required:	Budgeted \$:	Source of funds:
			Included in hardware requirement	

Professional development required:	Current level:	New required:	Budgeted \$:	Source of funds:

Retrofitting required	Budgeted \$:	Source of funds:

Maintenance required:	Current level:	Location of serviced items:	Budgeted \$:	Source of funds:

Total amount budgeted for Non-Eligible Requirements: \$ 0
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APPENDIX F
System Name
Critical E-Rate Components to Technology Plan

Address the five critical e-rate components shown below. This should be reflective of your Form 470 and 471 and must be submitted every year as proof of having a written plan prior to submitting the Form 470 and/or 471.

E-RATE CRITERIA FOR THE TECHNOLOGY PLAN

To qualify as an approved Technology Plan for a Universal Service discount, the plan must meet the following five criteria that are core elements of successful school technology initiatives:

1. The plan must establish clear goals and a realistic strategy for using telecommunications and information technology to improve education or library services;
2. The plan must have a professional development strategy to ensure that staff know how to use these new technologies to improve education or library services;
3. The plan must include an assessment of the telecommunication services, hardware, software, and other services that will be needed to improve education or library services;
4. The plan must provide for a sufficient budget to acquire and support the non-discounted elements of the plan: the hardware, software, professional development, and other services that will be needed to implement the strategy; and
5. The plan must include an evaluation process that enables the school to monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities as they arise.

E-Rate Technology Plan Component
Zachary Community School District
Funding Year 2010-2011
Updated: _____

Telecommunications Services and Internet Access	Goals and Strategies	Professional Development	Budget E-Rate (Our share 43%)	Assessment	Evaluation
Internet connection upgraded to 100 Mbps due to demand and growth.	See Tech Plan for student achievement goals & strategies. There is adequate bandwidth to the Internet.	See Tech Plan for professional development strategies to ensure student academic success. Technician will conduct speed test and use monitoring software.	Revenues will come from the district's General Fund and E-rate. There are no ineligible costs. District's Total cost: \$33,488.40	Provider will monitor & report to the district's Tech Director actual use and recommend changes.	Evaluation will be measured by proficiency of staff and students. (See Tech Plan for additional measurement)