



## **PLATO R-5 SCHOOL DISTRICT EDUCATION TECHNOLOGY PLAN 2010 – 2013**

### **Mission Statement:**

The mission of the Plato R-V School District, in a cooperative effort with parents, students, and community, is to provide a quality, comprehensive education that will enable all students to become life-long learners and productive, informed citizens.

### **Local Needs:**

1. The percent of students scoring at proficient or above on the Elementary Math MAP scores.
2. The percent of graduating students above the ACT national scores.
3. The percent of graduates continuing their education beyond the high school diploma.

### **Goals**

1. Develop and enhance quality educational / instructional programs to improve performance and enable students to meet their personal, academic, and career goals.
2. Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency) / District mission, goals, and objectives.
3. Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.
4. Promote, facilitate, and enhance parent, student, and community involvement in LEA/District educational programs.
5. Govern the LEA/District in an efficient and effective manner providing leadership and representation to benefit the students, staff, and patrons of the district.

## Student Performance (TFA 1: Student Learning)

**Goal 1:** Develop and enhance quality educational/instructional programs to improve performance and enable students to meet their personal, academic, and career goals.

**Objective:** The district will identify and obtain the technology resources needed to support quality educational programs and services.

**Strategy 1:** Students will engage in lessons driven by technology enriched curriculum that results in high levels of academic achievement and performance as measured by MAP/ACT results.

Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: Teachers will continue to integrate technology as needed into their curriculum at all grade levels to accelerate student learning.	Local / No additional funding	Principals Teachers Tech Department	6/30/2013
Action Step 2: Teachers will guide student use of technology to encourage greater levels of thinking, learning, researching and problem-solving.	Local / No additional funding	Principals Teachers	6/30/2013
Action Step 3: Students will be taught to use technology to communicate ideas effectively and to different audiences.	Local / No additional funding	Principals Teachers	6/30/2013
Action Step 4: The district will continue to teach keyboarding skills to students in Grades 3-12.	Local / No additional funding	Principals Teachers	6/30/2013
<b>Strategy 2:</b> The district will use research based instructional strategies and assessments that demonstrate effectiveness in improving student achievement as determined by annual MAP.			
Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: All existing eMINTS will be maintained and supported.	Local / No additional funding	Tech Department Principals	6/30/2013
Action Step 2: All classrooms will continue to have access to multimedia technology.	Local / No additional funding	Tech Department Principals	6/30/2013
<b>Strategy 3:</b> The district will use technology to help deliver, monitor, and assess student learning to meet student needs. (MSIP 6.1, 6.2, 6.3, 7.1, 7.2, 7.3) (METSP S1)			
Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: The district will utilize web based testing (AR,AM,DORA,Study Island, ...) and use the results to guide instruction.	Title1-A/TitleII-D Annual Cost: \$7000	Tech Department Principals Teachers	6/30/2013
<b>Strategy 4:</b> The technology literacy of each 8th-grade student will be measured. (MSIP 6.1, 6.3)			
Action Step 1: A locally developed assessment of technology proficiency will be completed annually on each 7 <sup>th</sup> and 8 <sup>th</sup> grade student.	Local / No additional funding	Tech Department Principals Teachers	6/30/2013

### Highly Qualified Staff (TFA 2: Teacher Preparation)

**Goal 2:** Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency)/District mission, goals, and objectives.

**Objective:** The district will retain and attract highly qualified teachers and support staff

**Strategy 1:** Teachers will be provided with up-to-date technology tools and resources to support curriculum objectives. (MSIP 6.4, 6.7, 6.8) (METSP T1, T2)

Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: The district will research and acquire new technologies to support curriculum objectives as funds allow.	Local / Cost: TBD	Tech Department Principals	6/30/2013
<b>Strategy 2:</b> All teachers will be afforded support of, access to, and appropriate training on using technology to implement, deliver, monitor, and assess inquiry-based instruction. (MSIP 6.7)			
Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: Tools and resources will be readily available for teacher and student use.	Local / No additional funding	Tech Department Principals	6/30/2013
Action Step 2: Annually and as budget allows, the district will provide at least 10 hours of technology based professional development.	TitleII-D/State Annual Cost: \$2000	Tech Department Principals	6/30/2013
<b>Strategy 3:</b> The district will provide professional development for teachers and administrators that result in technology proficiency. (MSIP 6.4, 6.7, 6.8) (METSP T1, T2)			
Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: An assessment will be completed on the professional development needs within the district.	Local / No additional funding	Tech Department Principals Teachers	6/30/2013
Action Step 2: Annually and as budget allows, the district will provide at least 10 hours of technology based professional development.	TitleII-D/State Annual Cost: \$3000	Tech Department Principals Teachers	6/30/2013

## Facilities, Support, and Instructional Resources (TFA 4: Resource Distribution and TFA 5: Technical Support)

**Goal 3:** Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.

**Objective:** All staff and students will have equitable access to technology tools and resources that may enhance professional and academic performance.

**Strategy 1:** The district will provide adequate technology support to meet the needs of staff and students. (MSIP 6.4, 6.5, 6.6, 6.7, 7.7, 8.1, 8.3, 8.4)

Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: The district will employ, designate and /or contract qualified technical support personnel.	Local / No additional funding	Tech Department Superintendent	6/30/2013
Action Step 2: 95% of all technical problems will be resolved within one working day.	Local / No additional funding	Tech Department	6/30/2013
<b>Strategy 2:</b> As budget allows, the district will evaluate and acquire proven technology tools and resources. (MSIP 6.3, 6.4, 6.7)			
Action Step 1: The Technology Department and other personnel will stay abreast of new developments in educational technology.	Local / No additional funding	Tech Department Principals	6/30/2013
Action Step 2: The data network backbone will be upgraded to gigabit speed in order to sustain the increased bandwidth usage across the district.	Local/State One time Cost: \$7000 / \$8000	Tech Department	6/30/2013
<b>Strategy 3:</b> The district will provide up-to-date computer labs for each school. (MSIP 8.5)			
Action Step 1: Labs will be routinely maintained by the Technology Department.	Local / No additional funding	Tech Department	6/30/2013
Action Step 2: Outdated lab resources will be periodically replaced.	Local/State Cost: \$300 per	Tech Department Superintendent	5/31/2009
Action Step 3: The software products installed on all lab PCs will sustain the requirements of staff and students.	Local No additional funding	Tech Department	5/31/2009
<b>Strategy 4:</b> The district will provide staff and students with access to a variety of multi-media resources. (MSIP 6.1, 6.3, 6.4, 6.7, 6.8, 8 .5)			
Action Step 1: The Technology Department will work with the library specialists to stay abreast of DESE requirements.	Local / No additional funding	Tech Department Library Media Specialist	5/31/2009
Action Step 2: Additional resources will be acquired as the budget allows.	Local/State Cost: TBD	Tech Department Library Media Specialist	5/31/2009
Action Step 3: Additional laptops will be added to the library inventory for student checkout.	Local/State/Grant Cost: \$250 each	Tech Department Library Media Specialist	5/31/2009

**Increase Parent and Community Involvement (TFA 3: Administration, Data Management, Communications)**

**Goal 4:** Promote, facilitate, and enhance parent, student, and community involvement in LEA/District educational programs.

**Objective:** The District will provide opportunities for parents and community to observe and use instructional technology; implement technology driven communication tools for parent access to student and public information.

**Strategy 1:** The District will provide parents and community members with opportunities to visit instructional rooms and view student work that makes use of technology. (MSIP 7.6,8.3, 8.8, 8.9)

Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: The District will attempt to increase parent and community participation in the Parent/Teacher Conferences.	Local / No additional funding	Principals	6/30/2013
<b>Strategy 2:</b> The District will use technology tools and resources to disseminate school news and student work and to facilitate input and feedback from parents and community members. (MSIP 7.5, 7.6, 8.8, 8.9)			
Action Step 1: The District web site will be kept up to date at all times.	Local / No additional funding	Tech Department Eagle Review Staff	6/30/2013
Action Step 2: The District will post current grades, homework assignments, progress reports, report cards, absences and behavior information to the Parent Portal of our web based student information system.	Local / No additional funding	Principals Teachers	6/30/2013
Action Step 3: The District will continue to utilize the AlertNow rapid communication system to keep parents and staff informed of important and time-sensitive information.	Local / No additional funding	Superintendent	6/30/2013

### Governance (TFA 3: Administration, Data Management, Communications)

**Goal 5:** Govern the LEA/District in an efficient and effective manner providing leadership and representation to benefit the students, staff, and patrons of the district.

**Objective:** The district will identify and acquire the resources needed to support quality educational programs and services.

**Strategy 1:** The District will implement effective and efficient administration, data management and communication processes through the use of technology that further supports teaching and learning. (MSIP 6.2, 6.3, 6.7, 7.1, 7.2, 7.3, 8.1, 8.2, 8.6, 8.7, 8.8, 8.11)

Action Step	Funding Source	Person Responsible	Estimated Completion
Action Step 1: The District will provide a safe networking environment by following local acceptable use policies, child internet safety laws and CIPA requirements.	Local / Annual Cost: \$1000.00	Tech Department Principals	6/30/2013
Action Step 2: The District will continue to budget for parts and supplies to repair existing technology.	Local / Annual Cost: \$10,000	Tech Department Superintendent	6/30/2013
Action Step 3: The District will continue to research and apply for local, state and federal grant opportunities.	Local/State/Fed No additional funding	Tech Department Superintendent Principals	6/30/2013
Action Step 4: The District will continue to apply for E-Rate funding.	Local / No additional funding	Tech Department Superintendent	6/30/2013

**Additional Elements:**

In order for us to be able to offer the most effective means of education to our students, the district believes that technology can be an accelerator. It must subsequently be monitored and evaluated. Our technology plan will provide us with direction to see if we are achieving our mission and the extent that it is impacting students. All of the sections within this plan are based on the data and evaluation collected yearly. There are many sources of data used to monitor and evaluate the goals and objectives of the district technology plan. Some are as follows: hardware and software reports, staff/student/community surveys, inventories, Comprehensive School Improvement Plans, Building-level School Improvement Plans, MAP and other assessment data.

The Universal Service Fund E-rate Program states that district long-range plans must address five essential elements. The district provides assurances to DESE that the technology plan contains the following:

- Clear goals and realistic strategies for using telecommunications and information technology to improve education services;
- Professional development strategies to ensure that staff know to use these new technologies to improve education services;
- Assessment of the telecommunication services, hardware, software, and other services that will be needed to improve education services;
- 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
- 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.