

**Purdy R-II School
District**



**Technology Plan
2006-2009**
*Board Approved
February 2006*

Purdy R-II School District
TECHNOLOGY PLAN 2006-2009

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Introduction

Purdy R-II School District is located in Barry County in Southwest Missouri. The district serves a population of 3,364 according to the 2000 census figures, an increase of 22.9% over the 1990 count. Ninety percent of the population is white and nearly 10% is Hispanic, with less than one percent of the population consisting of American Indian, African American, Asian, or mixed racial heritage. The most populated median age, according to the MCDC Demographic Profile 1, 2000 Census, is under 17 (29.4%), followed by those 25-44 years of age (27.4%), 45-64 years of age (21.6%), and 62 years and over (16.3%). The district has 1,230 households, of which 910 are owner occupied and 320 renter occupied. Family households in the district number 922, and 40% of these households have children under the age of 18 residing in them.

According to the latest labor market information supplied by the Missouri Department of Economic Development, unemployment rates in Barry County averaged 4.6% in 2001. Agribusiness, including livestock production, dairy cattle, and crop production contributes heavily to the district's economic base. The city of Monett serves as the major employment center in the county with 6000 jobs in poultry processing and manufacturing of both durable and non-durable goods. Monett is also recognized as a leading provider of computer systems and services for more than 2,600 customers nation-wide. The district's assessed valuation has increased steadily over the last five years, from \$15,622,286 in 1999 to \$20,487,422 in 2005. Per-pupil expenditures in the district were \$5,445 in 2004.

Student enrollment in the district currently numbers 753 students K-12, representing an 11% increase over the last five years. Over half (53%) of current students qualify for free or reduced price meals. Hispanic population in the district has more than doubled from 1999 to 2003 (7.3%-1999 to 15.7%-2003).

The Purdy R-II School District currently employs 83 certificated staff members and 42 non-certificated staff members. Nearly eighteen percent of certificated staff hold master's degrees or higher. The average regular teacher's salary is \$32,434 (including career ladder, extra duty pay, and extended contracts), which is nearly \$8000 below the state average. The average administrator salary is \$52,935, compared to a state average of \$72,889. Teachers in the district average 12.1 years of experience, compared to a state average of 12.8. The student/teacher ratio was 13/1 in 2005, with a student/classroom teacher ratio of 17/1, both comparable to state averages. The student/administrator ratio is 179/1.

District Mission

The Purdy R-2 District's Mission is to equip all students with the skills and knowledge necessary to develop to their fullest potentials as self-motivated, lifelong learners who make positive contributions to society. The district has designed the following programs and services to achieve this mission:

- Parents As Teachers
- Pre-Kindergarten Services
- Full-day kindergarten
- Comprehensive Special Education Services
- Gifted education classes
- College level classes for high school students offered on site and through interactive television
- Effective classroom instruction in all academic areas, the fine arts, and physical education.

The Purdy R-II School District received full accreditation upon its last MSIP review, conducted in February 2003.

District Technology Mission Statement

It is the district's technology mission to create a learning environment enriched with the technology tools and skills necessary for students to access, analyze, manipulate, and process information to produce knowledge so they may become full participants, and positive contributors, to society today and in their future. To satisfy this mission, the district pledges to provide staff and administration adequate training to appropriately deliver instruction in and through technology, and to use administrative management systems to increase productivity and improve communication--linking home, school, and community. Necessary hardware, technical support, and professional development will be provided to ensure program success, as technology evolves.

Technology Plan Overview

As we enter the 21st century, the school district of Purdy R-II recognizes the responsibility we hold for the education of children who will become the leaders of our nation in an age unlike any before it. Throughout history, mankind has never experienced the amount of radical and rapid changes that our children are now facing. Societal, political,

environmental, technological and educational revolutions are occurring at a pace that no one could have predicted a generation ago. As their adult mentors, educators and guardians, we believe that our mission is no less than critical as we strive to prepare our students for their future roles in that new age.

Whether we call it the Information Age, the Age of Technology, or something else, the demands on our students to become producers of new knowledge and managers of information are the same. To maintain our role as world leaders, we must provide an education that not only produces students that have reading, writing and math skills, but one that prepares students to be effective team members who are creative thinkers and problem solvers. We must embrace a zeal for life-long learning and the desire to give more than we take from those around us. As surely as one-room schoolhouses have evolved into multi-building campuses, and inkwells and quills evolve to laptop computers, our future will hold many changes. No one can predict exactly what our society will expect of its citizens, or our businesses of their employees in industries that have not even been developed. Our graduates must be able to adapt their learning to new situations and to apply those skills to new environments with ease. We must teach them to become workers who can seek out credible, authoritative information, analyze, and then apply that knowledge to solve problems. We must teach them in ways that “school subjects” become real and meaningful additions to their lives both now and for their future. We believe that one of the ways we can accomplish this goal is through a carefully planned integration of technology and information resources into the teaching and learning activities in the classroom. Using technology as a productivity tool, teachers and students can enrich the educational environment and enhance teaching and learning.

The Purdy R-II district accepts these premises as guiding principles that will be the standard against which our technology plans and activities are measured. As we constantly assess and improve our school, we commit to upholding the highest standards of excellence both for our students and ourselves so that we are qualified, full participants in the 21st century.

Technology Planning Committee

The Purdy R-2 School District Technology Planning Committee is composed of students, teachers and librarians, administrators, technical support staff, parents and community/business leaders. All five Technology Focus Areas (TFAs) are addressed within these groups. This committee has input on strengths and weaknesses of the technology program as well as planning for future initiatives.

Technology Planning

Our technology planning committee has been reviewing what we have accomplished with and through technology since the last technology plan, as well as where we should be going in order to meet the CSIP and Show Me Standards and satisfy the needs of our student population and community.

We are fulfilling our district mission statement and meeting CSIP and Show Me Standards as part of this planning. Updated strengths and weaknesses were included as the result of committee meetings and surveys that then became part of the action plans for the TFAs.

Technology Planning Committee Members

Member	T	A	P	S	C/B	Technology Focus Area(s) of Interest
Ronnie Vieth, Board of Education Member, Parent			X		X	1, 2, 3
Jerry Lingo, Superintendent, CSIP Committee		X				1, 2, 3, 4, 5
Bob Vice, HS Principal, CSIP Committee, Parent		X	X			1, 2, 3, 4, 5
Janet McCormick, MS Principal, CSIP Committee, Parent		X	X			1, 2, 3, 4, 5
Jeff Swadley, Elem. Principal, CSIP Committee, Parent		X	X			1, 2, 3, 4, 5
Kay Wright, HS Business Teacher, Technology Coordinator	X	X				1, 2, 3, 4, 5
Donna Patterson, Gifted Teacher, Elem. Computer Skills Teacher	X					1, 2
Mark Trent, MS Computer Teacher	X					1, 2

Marcia Deems, K-12 Librarian, Media Specialist	X					1, 2, 4
Kate Borushaski, HS Communication Arts	X					1, 2
Amanda Spears, Elem. Teacher, 4th grade	X					1, 2
Robert Jones, Computer and Technology Resource Technician, Parent	X		X			1, 2, 3, 4, 5
Ken Terry, Software Consultant and Parent			X		X	1, 2, 3
Julie Terry, Parent			X			1, 2, 3
David Brittenham, Business Owner (Internet Service Provider)					X	1, 3, 5
Curtis Schallert, Board Member, Business Owner (Schallert Seed)					X	1, 2, 3, 4, 5
Stephen McMillin, Student				X		1, 2
Charity Reid, Student				X		1, 2

Current Status--Compiling Raw Data

In deciding current strengths and needs/weaknesses, data was compiled to examine the current status of the five Technology Focus Areas. These sources of data are included in each of the TFA information.

The Purdy R-2 District examined the following sources:

(All documents are on file with the building offices, board secretary, or available online in the "School Data" section of the Missouri Department of Elementary and Secondary Education website.)

A. Standardized Assessments

1. Missouri Assessment Program (MAP)
2. SAT 9 Assessments
3. ACT scores

B. Local Assessments

1. Professional Development Committee (PDC) needs assessment
2. Classroom scoring guides

C. Surveys

1. District Census of Technology
2. Community/Parent Technology Survey
3. Student technology survey
4. Staff technology survey

D. Policies and Procedures

1. Student Internet Use Agreement
2. Missouri School Improvement Plan (MSIP)
3. Comprehensive School Improvement Plan (CSIP)
4. Computer License Agreement
5. Purdy R-2 School District Technology Plan (current)
6. Safe Schools Act

E. Student and Teacher Standards

1. Missouri Department of Elementary and Secondary Education Show-Me Standards
2. Missouri Department of Elementary and Secondary Education's Education Technology Plan 2002-2006
3. State and National Technology Standards
4. ISTE National Educational Technology Standards for Students
5. ISTE National Educational Technology Standards for Teachers
6. ISTE National Educational Technology Standards for Administration

F. Training Data

1. Professional Development Committee (PDC) Evaluations
2. Technology In-service Evaluations

G. Administrative Networking Tools

1. Technology Budget
2. District Budget
3. Lemberger Accounting Program
4. Food Service Program
5. Rediker Administrative Software

H. Data Management Tools

1. Curriculum Implementation Guides
2. Course Syllabi
3. Lemberger Records

I. Communication Tools

1. E-mail accounts
2. Missouri Research and Education Network (MOREnet) Connectivity
3. District Server
4. Local Newspapers
5. NEMX Internet Filtering Software

J. Total Cost of Ownership

1. Hardware/Software Equipment Inventory
2. Maintenance Reports
3. Purchase Orders for Repairs
4. Missouri Research and Education Network (MOREnet)
5. MOREnet Contract for Connectivity

District Technology Goals

- 1) **The district will increase student achievement by providing equitable access to instructional resources, facilities, and equipment that support and extend the district curriculum through technology.** (MSIP 6.4, 6.8, 8.9)(CSIP #5)(TFA 1, 4)
- 2) **The district will provide on-going professional development to effectively allow staff the ability to use current and emerging technologies.**(MSIP 6.1.2, 6.4, 6.7)(CSIP #5)(TFA 2)
- 3) **The district will use administrative, data management, and communication technologies to improve teaching and learning processes and to improve district and community communication.** (MSIP 6.4, 7.5, 9.1)(CSIP #3, 4, 5)(TFA 3)
- 4) **The district will maintain the technology systems to allow ease of use with little or no disruption of the educational environment.** (MSIP 6.4)(CSIP #5)(TFA 5)

Progress/Status of Current Plan

The district technology committee reviewed each goal of the current plan to determine progress toward meeting the plan's objectives. The following spreadsheet examines each goal and action step and reports the district's progress, and the evidence provided to meet the objectives.

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**Progress Toward Meeting Current Technology Goals
Purdy R-2 School District
Winter 2006**

Goal	Action Step	Timeline	Person(s) Responsible	Met/Not Met	Evidence
1-To increase student achievement by providing instructional resources, facilities, and equipment that support and extend the district curriculum. (MSIP 6.4, 6.8, 8.9)(CSIP #5)	1. PDC to evaluate survey results and utilize data to develop inservice plans	2000-on-going	PDC, Administration	Met	PDC Minutes Inservice, Workshop agendas
	2. Teachers will work with building principals to develop personalized professional development plan relating to technology	2000-on-going	Faculty members, Administration, PDC, Technology Coordinator	Met	Teacher Portfolios Teacher personnel files
	3. Maintain membership in RCET-SW and other staff development organizations	1999 -on-going	Administration PDC	Met	Purchase orders Board minutes
	4. Maintain district subscriptions to educational technology publications and professional journals	1999- on-going	Administration Media Specialist PDC	Met	Professional Journal Library
	5. Incorporate professional development activities in all grant applications	2000-on-going	Faculty members, Administration, PDC,	Met	Grant applications

<p>2-To increase student achievement levels so that at least 80% of students will rank in the advanced and proficient quintiles on the Missouri Assessment Program assessments; or show improvement from one level to the next as required by the State of Missouri. (CSIP #1)</p>	<p>1. District will meet and exceed state goals for student to computer ratios</p>	<p>2000-on-going</p>	<p>Administration Technology Coordinator</p>	<p>Met</p>	<p>Technology census State goals</p>
	<p>2. District will provide staff training in the integration of technology in all curriculum areas</p>	<p>2000-on-going</p>	<p>PDC Administration</p>	<p>Met</p>	<p>Inservice agendas Workshop agendas</p>
	<p>3. Student access to technology will be increased through additional workstations in classrooms and labs</p>	<p>2000-on-going</p>	<p>Administration Technology Coordinator</p>	<p>Met</p>	<p>Technology census</p>

<p>3-Decrease class disruptions from technology failures by opening lines of communication between staff and computer technician and by developing a formal process for technology problem reporting.</p>	<p>1. Trouble reporting forms will be utilized to document problems and resolution.</p>	<p>1999-on-going</p>	<p>Technology Coordinator Staff Technician</p>	<p>Met</p>	<p>Task lists</p>
	<p>2. Logbooks will be maintained to provide history and trend analysis</p>	<p>1999-on-going</p>	<p>Technology Coordinantor Staff Technician</p>	<p>Not met</p>	
	<p>3. Preventative maintenance schedules will be developed for all district technologies</p>	<p>2000-on-going</p>	<p>Technology Coordinantor Staff Technician</p>	<p>Met</p>	<p>Teacher check-out procedures, Summer maintenance programs</p>

<p>4-To increase student achievement by implementing a curriculum aligned to the knowledge, skills, and competencies that students need to meet district goals and the Show-Me Standards. (MSIP 6.1)(CSIP #4)</p>	<p>1. Teachers will be trained in the subjects of ethical use of technologies and information</p>	<p>2000-on-going</p>	<p>PDC Administration Library/Media Center Staff</p>	<p>Met* *informed, not necessarily trained</p>	<p>Inservice, Workshop agendas</p>
	<p>2. Students will be instructed by classroom teachers, media center staff in proper use of information resources</p>	<p>2000-on-going</p>	<p>Faculty Library/Media Center Staff</p>	<p>Met</p>	<p>Curriculum guides Lesson plans</p>
	<p>3. Reference documents and information resources will be made available in the library</p>	<p>2000-on-going</p>	<p>Faculty Library/Media Center Staff</p>	<p>Met</p>	<p>Library inventory Board minutes, Library expenditure reports</p>
	<p>4. Teachers will include objectives for critical viewing, ethical use, and media literacy in all research projects.</p>	<p>2000-on-going</p>	<p>Faculty</p>	<p>Met</p>	<p>Curriculum guides Lesson plans</p>

<p>5-To increase student achievement by providing instructional resources, facilities, and equipment that support and extend the district curriculum. (MSIP 6.4, 6.8, 8.9)(CSIP #5)</p>	<p>1. Apply for e-rate</p>	<p>2000 and ongoing</p>	<p>Administration</p>	<p>Met</p>	<p>Board minutes</p>
	<p>2. Apply for grant funding to support instructional technology projects</p>	<p>2000 and ongoing</p>	<p>Administration</p>	<p>Met</p>	<p>FACS grants Ag Ed Grants Gifted, E-Mints grants</p>
	<p>3-Provide computers for each instructional area and classroom</p>	<p>2000 and ongoing</p>	<p>Administration</p>	<p>Met</p>	<p>Facilities Inventory</p>
	<p>4. Develop before-after school access schedules for computer labs</p>	<p>2000 and ongoing</p>	<p>Faculty Administration Technology Coordinator</p>	<p>Met</p>	<p>After School Computer Lab Logs, Career Ladder documents</p>
	<p>5. Provide peripheral technologies (video cameras, scanners, digital cameras, TV/VCR's) in adequate quantities</p>	<p>2000 and ongoing</p>	<p>Administration Technology Coordinator</p>	<p>Met</p>	<p>Classroom and Media Center inventories</p>
	<p>6. Review current computer lab usage and develop schedule for improved utilization of resources by all students</p>	<p>2000 and ongoing</p>	<p>Faculty Administration Technology Coordinator</p>	<p>Met</p>	<p>Lab sign-in sheets, Elementary rotation</p>
	<p>7. Provide telephone access in each instructional area/classroom</p>	<p>2002-2003</p>	<p>Administration Technology Coordinator</p>	<p>Not met</p>	

<p>6-To increase student achievement by providing instructional resources, facilities, and equipment that support and extend the district curriculum. (MSIP 6.4, 6.8, 8.9)(CSIP #5)</p>	<p>1. Develop comprehensive course interest inventory for students 9-12.</p>	<p>2003 and ongoing</p>	<p>Principal, Faculty</p>	<p>Met</p>	<p>Principal files, Counselor files</p>
	<p>2. Develop master schedule (by hand) for 2004-2005 school year</p>	<p>April 2004 and ongoing?</p>	<p>Faculty Principal</p>	<p>Met</p>	<p>Principal files Counselor files</p>
	<p>3. Administer interest inventory and preliminary student schedules for 2004-2005</p>	<p>April 2004 and ongoing</p>	<p>Principal, Counselor</p>	<p>Met</p>	<p>Principal files Counselor files</p>
	<p>4. Input data from interest inventories to Administrator's Plus schedule-building feature labs</p>	<p>May 2004 and ongoing?</p>	<p>Principal, Counselor Technology Coordinator</p>	<p>Met</p>	<p>Principal files Counselor files</p>
	<p>5. Schedule courses with Administrator Plus software</p>	<p>May 2004 and ongoing</p>	<p>Principal Technology Coordinator</p>	<p>Met</p>	<p>Principal files Counselor files</p>
	<p>6. Compare schedules, revise accordingly to insure most efficient use of faculty, and provide student schedules that best reflect student interests</p>	<p>May-June 2004 and ongoing</p>	<p>Principal Technology Coordinator</p>	<p>Met</p>	<p>Principal files Counselor files</p>

7-To maintain continuity of administrative tasks including grade reporting, attendance, discipline, student personal information and scheduling.	1. Renew Administrator Plus software	2000 and ongoing	Administration, Technology Coordinator	Met	Expenditure reports Purchase Orders Board minutes
	2. Conduct staff, faculty training for use of administrative software	August 2000 and ongoing	Faculty,Administration, Technology Coordinator	Met	Informal, one-on-one Training
	3. Revise (when necessary) staff/faculty survey regarding administrative software	2000 and ongoing	Administration, Faculty, Technology Coordinator	Met	Informal, one-on-one Training
	4. Revise and update software as necessary based upon survey results and software updates.	2000 and ongoing	Administration, Faculty, Technology Coordinator	Met	Informal discussion Meetings with Software Representatives

**TFA 1: STUDENT LEARNING
Data Analysis**

Goal: The district will increase student achievement by providing equitable access to instructional resources, facilities, and equipment that support and extend the district curriculum through technology. (MSIP 6.4, 6.8, 8.9) (CSIP #5) (TFA 1, 4))

Objectives:

- Student achievement will be increased each year as measured by an increase in the number of students in the Top 2 levels of the Missouri Assessment Program tests, or a decrease in the number of students in the Bottom 2 levels of the tests.
- Provide every student with relevant technological opportunities.
- Integrate technology competence as measured by ISTE (International Society for Technology in Education) and local standards into district curriculums.

#	Data Analysis	Strength Or Weakness	Results	Technology Implications for District
1	Equipment Inventory, Staff Surveys,	Strength	A large quantity of equipment is available to students. All classrooms have access to TV/VCR's and DVD players. All classrooms have a minimum of 1 computer with Internet access. Within the district there are 18 interactive whiteboards.	Student learning is enhanced by the accessibility of technology.
2	District Policies, Procedures,	Strength	Filtering measures and student and staff acceptable use policies are in place as required by state and federal guidelines.	Students are able to access on-line information safely in a teacher guided environment. The district internet filter must be maintained and managed to meet district needs and comply with state and federal regulations.

3	Software Inventory, Staff Survey, Parent Survey, Community Survey	Strength	K-5 students attend a computer class. E-mints program in 3 rd and 4 th grades. All 9 th grade students receive keyboarding instruction.	Students are developing needed technology skills that they will need to be successful.
4	Software Inventory, Student Survey, Parent Survey, Community Surveys	Weakness	6-12 students reported that they need more training in using spreadsheets, databases, multimedia software, Boolean searching and web authoring software.	The district's curriculum needs to include more learning activities that incorporate the use of these in the classroom.
5	District Curriculum Implementation Guide	Strength	Curriculum Implementation Guide links to Show-Me Standards, Frameworks, and Grade-Level Expectations for accurate alignment of student objectives.	CIG must be maintained, updated, and accessible to all teachers as curricula is added and revised to incorporate changes/additions to state standards.
6	District Curriculum Implementation Guide	Weakness	Can not be accessed by all teachers.	Desktop link to CIG needs updated and maintained when server location changes
7	District Curriculum	Strength	In all curriculum areas technology is being used.	All curriculum areas will be encouraged to expand and use various modes of technology.
8	MAP Data, Curriculum Guide. Local Assessments	Weakness	Test scores need to be improved in all areas.	Technology should be used to enhance students' higher level thinking skills and performance on specific question types to increase test scores.
9	Staff/ Student Surveys, Parent Surveys, Community Surveys,	Weakness	Middle School and High School Students do not have adequate access to computer labs with appropriate supervision.	Technology labs need to be staffed before, during, and after the school day to allow students supervised access.

**TFA 1: STUDENT LEARNING
Action Plan**

Goal: The district will increase student achievement by providing equitable access to instructional resources, facilities, and equipment that support and extend the district curriculum through technology. (MSIP 6.4,6.8,8.9) (CSIP #5) (TFA 1,4)

Objectives:

- Student achievement will be increased each year as measured by an increase in the number of students in the Top 2 levels of the Missouri Assessment Program tests, or a decrease in the number of students in the Bottom 2 levels of the tests.
- Provide every student with relevant technological opportunities.
- Integrate technology competence as measured by ISTE (International Society for Technology in Education) and local standards into district curriculums.

MSIP	CSIP Obj/ Strategy	Action to be Taken	Person Responsible	Time Frame/ Review	Funding Source (Est. Costs)	Progress Expected	Progress Measured
6.4.1 6.4.3 6.4.4	5	To maintain current technology as well as increase number of computers per classroom as they become available.	Technology Coordinator, Administration, Teacher	8/2006-6/2009 Review Annually	Local Funds, Grants (\$7000 annual maintenance)	Students and faculty will have access to current technology.	Equipment Repair Records, Teacher Surveys, Technology Inventory
6.5	6	Maintain and update current filtering software agreement.	Technology Coordinator, Administration	8/2006-6/2009 Review Annually	Local Funds (\$11,000-filtering software and software updates and support)	Filtering program will filter out inappropriate web sites.	Filter Software License, Technology Budget

6.4.3 6.4.4	1, 3, 5	Curriculum needs to include activities that allow students more training in spreadsheets, databases, multimedia software, Boolean searching and web authoring software.	Administration, Teacher	8/2006- 6/2009 Review Annually	Local Funds (\$1000 annually-PD training))	Teachers will be incorporating lessons in their curriculum to include activities to teach the areas students felt they were lacking skills.	District Curriculum Guide, Student and Teacher Survey
6.4	4	District Curriculum Implementation Guide will be accessible to all teachers and parents on-line.	Administration, Technology Coordinator	8/2006- 6/2009 Review Annually	None	The computer technician will keep the CIG icon pointed to the correct location.	Student, Teacher, and Parent Survey
9.1.1	1	Student achievement will be increased at all levels.	Administration, Teacher	8/2006- 6/2009 Review Annually	Local Funds PDC Funds (will vary annually)	Increase in MAP scores	MAP Scores
6.4.4	6, 5	Supervised lab time will be available before, during, and after school.	Administration, Teacher	8/2006- 6/2009 Review Annually	Local Funds, Grant (\$26,000 annually for lab supervisor))	Students will improve skills and scores due to increased access to technology resources.	Student and Teacher Surveys

TFA 2: TEACHER PREPARATION AND DELIVERY OF INSTRUCTION
Data Analysis

Goal: The Purdy R-II district will provide on-going professional development to effectively allow staff the ability to use current and emerging technologies. (MSIP 6.1.2, 6.4, 6.7) (CSIP #5) (TFA 2)

Objective: Adequate equipment, training and encouragement will be provided to staff in the use and integration of technology into curriculum in order to meet classroom objectives

#	Data Analysis	Strength Or Weakness	Results	Technology Implications for District
1	Equipment Inventory, Student Survey, Staff Survey	Weakness	Students 6-8 do not have a computer lab available for the core classes.	The core classes are unable to research and generate documents utilizing technology in a timely manner.
2	Staff Survey	Weakness	Staff indicates the need to be trained more in the use of software and equipment.	Teachers are not making full use of the software and equipment available to them due to not knowing how to use it thoroughly to help increase student achievement.
3	Inventory, Census of Technology	Strength	A large quantity of equipment and programs is available to all teachers.	Teacher preparation and delivery of instruction are enhanced by the accessibility and upgrading of technology.
4	Staff Survey, RCET Membership, SW Center of Excellence Membership	Strength	District supports training opportunities to learn technology.	Teachers can better understand how to use technology to enhance their curriculum.
5	CSIP	Strength	The district CSIP includes instructional technology as a major goal.	The district CSIP includes various goals and strategies for the use of technology to improve student learning.
6	PDC Minutes, Technology Workshop Agendas, MAP Data Analysis	Strength	Professional development activities have been aligned with MAP Data Analysis.	The use of technology can be used to reinforce PDC goals.

7	PDC Minutes	Weakness	PDC does not provide funds for technology training.	Technology training would help the faculty to integrate technology more into the curriculum to be used to reinforce PDC goals.
8	District Curriculum Implementation Guide	Strength	Can be used by administrator to locate lesson plans by Show Me Standards.	Administrators can determine where all the Show Me Standards are being taught and applied.
9	District Curriculum Implementation Guide	Weakness	Not all lesson plans have been entered and the Curriculum Guide does not always work.	Incomplete and inaccurate results occur from not having all the lesson plans entered and it is inaccessible when the program does not work.

**TFA 2: TEACHER PREPARATION AND DELIVERY OF INSTRUCTION
Action Plan**

Goal: The Purdy R-II district will provide on-going professional development to effectively allow staff the ability to use current and emerging technologies. (MSIP 6.1.2, 6.4, 6.7) (CSIP #5) (TFA 2)

Objective: Adequate equipment, training and encouragement will be provided to staff in the use and integration of technology into curriculum in order to meet classroom objectives.

MSIP	CSIP Obj/ Strategy	Action to be Taken	Person Responsible	Time Frame/ Review	Funding Source (Est. Costs)	Progress Expected	Progress Measured
6.4.1 6.4.2 6.4.4	5	District will provide a computer lab or mobile lab for the middle school to increase the use of technology for delivery of instruction.	Superintendent, School Board, Computer Technician	2006-09 Annually	Local Funds, Grants (\$30,000 for 25 unit mobile lab)	Students will have more hands on to technology	Improved MAP Scores, Equipment Inventory, Staff Survey
6.1.3 6.4.3 6.7	5	District will provide technology training opportunities to district staff on how to use available software and technology to enhance preparation and delivery of instruction.	Technology Coordinator, Technology Support Staff, Professional Development Committee	2006-09 Annually	Local Funds, PDC Funds (\$5000 annually)	Teachers will incorporate the use of technology in their preparation and delivery of instruction	Technology Training Agendas, Staff Survey

6.7	5	Professional Development will incorporate technology training into their goals.	PDC	2006-09 Annually	None	Teachers will be able to use technology to help meet the goals set by PDC	PDC Approval Forms, PDC Minutes, PDC Budget, PDC Evaluations, Staff Survey
6.1	1 5	To get 80% of all subject areas/grades lesson plans entered into the Curriculum Implementation Guide.	Administration	2006-09 Annually	None	Administrators will be able to view all lesson plans based on Show Me Standards	District Curriculum Implementation Guide

TFA 3: ADMINISTRATION/DATA MANAGEMENT/COMMUNICATION
Data Analysis

Goal: The district will use administrative, data management, and communication technologies to improve teaching and learning processes and to improve district and community communication. (MSIP 6.4, 7.5, 9.1) (CSIP #3, 4, 5) (TFA 3)

Objectives:

1. The district will improve administrative and management processes through the use of technology by incorporating appropriate technology tools to facilitate data and information collection, analysis, and reporting.

- Improve methods of data collection for core data reports
- Create data base for vocational reports
- Develop a system of collecting, reporting, and analyzing data for program evaluation purposes

2. The district will increase parent and community involvement in the education process through the use of technological communications.

- Develop and maintain a district web page, which includes annual report card, handbooks, programs
- Provide online capabilities for parents to access homework, grades and other pertinent information
- Promote/improve electronic communication between school and parents

#	Data Analysis	Strength Or Weakness	Results	Technology Implications for District
1	Rediker "Administrator's Plus" Software	Weakness	The attendance reporting program is not aligned with Missouri reporting methods.	Rediker is currently working on module for Missouri attendance reports. Currently, the attendance is exported from Rediker to a district-designed Excel spreadsheet for reporting purposes.
2	Rediker "Administrator's Plus" Software	Weakness	Transcript module does not allow input of transfer students' transcripts.	Credits and GPA's must be entered manually.

3	Rediker "Administrator's Plus" Software	Strength	For most uses, the Administrators Plus software is user-friendly and possesses a great number of features and is capable of generating district-designed custom reports.	Custom reports can be designed for data collection and reporting purposes.
4	Lemberger Accounting/Bookkeeping Software	Strength	Meets all Missouri public school financial reporting requirements.	Will continue to use the Lemberger Accounting Program.
5	Software Inventory, Student Survey, Parent Survey, Community Surveys	Strength	A majority of students have access to a computer with Internet access at home.	School reports (grade cards, progress reports, attendance, and discipline) can be e-mailed to the student's home.
6	Software Inventory, Student Survey, Parent Survey, Community Surveys	Weakness	Technology tools are not being used to full potential.	Student enrollment paperwork needs to include home e-mail address to be able to e-mail home school reports.
7	District Curriculum Implementation Guide	Strength	Curriculum Implementation Guide links to Show-Me Standards, Frameworks, and Grade-Level Expectations for accurate alignment of student objectives.	CIG must be maintained, updated, and accessible to all teachers as curricula is added and revised to incorporate changes/additions to state standards.
8	District Curriculum Implementation Guide	Weakness	Cannot be accessed by all teachers.	Desktop link to CIG needs updated and maintained when server location changes.
9	District Curriculum	Strength	In all curriculum areas technology is being used.	All curriculum areas will be encouraged to expand and use various modes of technology.
10	MAP Data, Curriculum Guide. Local Assessments	Weakness	Test scores need to be improved in all areas.	Technology should be used to enhance students' higher level thinking skills and performance on specific question types to increase test scores.

11	Student Survey, Teacher Survey, Parent Survey, Community Surveys	Weakness	Middle School and High School Students do not have adequate access to computer labs with appropriate supervision.	Technology labs need to be staffed before, during, and after the school day to allow students supervised access.
12	GradeQuick Student Data system software	Strength	Teachers in grades 1-12 currently use GradeQuick for grade-reporting purposes.	GradeQuick has many reporting features—and combined with Edline, parents could view their students' grade information online.

**TFA 3: ADMINISTRATION/DATA MANAGEMENT/COMMUNICATION
Action Plan**

Goal: The district will use administrative, data management, and communication technologies to improve teaching and learning processes and to improve district and community communication. (MSIP 6.4, 7.5, 8.7, 9.1) (CSIP #3, 4, 5, 6) (TFA 3)

Objectives:

1. The district will improve administrative and management processes through the use of technology by incorporating appropriate technology tools to facilitate data and information collection, analysis, and reporting.

- Improve methods of data collection for core data reports
- Create data base for vocational reports
- Develop a system of collecting, reporting, and analyzing data for program evaluation purposes

2. The district will increase parent and community involvement in the education process through the use of technological communications.

- Develop and maintain a district web page, which includes annual report card, handbooks, programs
- Provide online capabilities for parents to access homework, grades and other pertinent information
- Promote/improve electronic communication between school and parents

MSIP	CSIP Obj/ Strategy	Action to be Taken	Person Responsible	Time Frame/ Review	Funding Source (Est. Costs)	Progress Expected	Progress Measured
8.7.1	6	Continue to work with Rediker Software to calculate attendance for Missouri reports.	Technology Coordinator, Administration	8/2006-6/2009 Review Annually	Local Funds, Grants (\$2,900 annual maintenance fee)	Correct attendance reporting for Missouri	Revision of attendance module

8.7	6	Continue to work with Rediker Software to revise/design transcript module.	Technology Coordinator, Administration	8/2006-6/2009 Review Annually	Local Funds (\$2,900 annual maintenance fee)	Transcript module allows input of transfer transcripts	Revision of transcript module
7.5	3	Student enrollment paperwork needs revised to include home e-mail address to be able to e-mail home school reports.	Administration, Counselor	8/2006-6/2009 Review Annually	None	Parent e-mail addresses will be entered in student data base	School reports will be e-mailed to the home.
6.1,6.4	4	Desktop link to Curriculum Implementation Guide needs updated and maintained when server location changes.	Administration, Technology Coordinator	8/2006-6/2009 Review Annually	None	Teachers, and eventually parents/community, will have access to CIG	Continual access to CIG for revision, updating
9.1.1	1	Technology will be used to help increase student achievement.	Administration, Teacher	8/2006-6/2009 Review Annually	Local Funds, PDC, Grant (\$5000 annually)	Increase in MAP test scores	MAP scores
6.4.4	6, 5	Supervised lab time will be available before, during, and after school.	Administration, Teacher	8/2006-6/2009 Review Annually	Local Funds, Grant (\$26,000 annually)	Student access to computer labs	Student and Teacher Surveys, Lab logs

**TFA 4: Resource Distribution and Use
Data Analysis**

Goal: The Purdy R-II School District will utilize appropriate technology resources to increase faculty and staff productivity, to improve student achievement, and to prepare students to become lifelong learners enabling them to utilize technology in the workplace and in their daily lives. (MSIP 6.4, 6.8, 8.9) (CSIP #5) (TFA 1, 4)

Objectives:

1. Improve the technological learning environment for all faculty, staff and students.
2. Develop a systematic process for upgrading and replacing technology throughout the district.

#	Data Analysis	Strength Or Weakness	Results	Technology Implications for District
1	Equipment inventory, Census of Technology	Strength	A large quantity of equipment is available to students. All classrooms have access to TV/VCR's and DVD players. All classrooms have a minimum of 1 computer with Internet access. Within the district there are 18 interactive whiteboards.	Student learning is enhanced by the accessibility of technology.
2	District Policy	Strength	Filtering measures and student and staff acceptable use policies are in place as required by state and federal guidelines.	The district internet filter must be maintained and managed to meet district needs and comply with state and federal regulations.
3	Student and Faculty Survey	Strength	Majority of students (5-12) and faculty know how to use word processor and information searching.	Students and faculty are developing needed technology skills.

4	Equipment Inventory, Census of Technology	Strength	Ratio of students to computers is less than 3 to 1. The district has three labs with 20 + machines in each	Student learning is enhanced by the accessibility of technology.
5	Software Inventory, Equipment Inventory, Census of Technology	Strength	The district personnel have access to email for communication. Administrators use Administrators Plus Client. GradeQuick is used district wide.	Communication is enhanced by the use of email. Grading is consistent throughout the district. Student records and attendance are easily accessible to all administrators.
6	Software Inventory, Census of Technology	Strength	The district provides the following software for students and staff: Accelerated and STAR Reading and Math, Winnebago Spectrum, AccuScan Food Service software, Rediker Administrator's Plus Student Data and Accounting Software, Microsoft Office Suite 2003.	The district is able to better manage data and produce reports needed to monitor student progress. The librarian can easily manage the library collection and all classrooms can search for materials from the classroom computers.
7	Equipment Inventory, Census of Technology	Weakness	Students in grades K-8 do not have total access to labs. They are used certain times for computer classes.	The district will develop a plan to provide a computer lab for students K-8.
8	Equipment Inventory	Weakness	The district does not have a written policy for equipment acquisition, replacement/ upgrades.	The district will need to develop guidelines for purchasing and replacing equipment.

9	Faculty Survey	Weakness	72% of faculty reported that they have not received enough training on many software programs and technologies to implement it in their curriculum.	Provide more opportunities to teachers for technology in-service and training.
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**TFA 4: Resource Distribution and Use
Action Plan**

Goal: The Purdy R-II School District will utilize appropriate technology resources to increase faculty and staff productivity, to improve student achievement, and to prepare students to become lifelong learners enabling them to utilize technology in the workplace and in their daily lives. (MSIP 6.4, 6.8, 8.9) (CSIP #5) (TFA 1, 4)

Objectives:

1. Improve the technological learning environment for all faculty, staff and students.
2. Develop a systematic process for upgrading and replacing technology throughout the district.

MSIP	CSIP Obj/ Strategy	Action to be Taken	Person Responsible	Time Frame/ Review	Funding Source (Est. Costs)	Progress Expected	Progress Measured
6.4 7.3	5.0	Provide the elementary and the middle school building with a mobile lab of at least 20 workstations.	Computer Technician, Technology Support Staff	2006-09 Annually	Local Funds (\$30,000 for 30 unit mobile lab)	Computers will be more readily accessible to classes in grades K-8.	Student achievement will be increased by providing more instructional resources.
6.4 7.3	5.0	Establish a short and long term acquisition, replacement/upgrades schedule.	Computer Technician, Technology Support Staff	2006-09 Annually	None	Acquisition, replacement/upgrades completed in a more efficient manner.	Short and long term goals will be more efficiently met.
6.4 7.3	5.1	Provide faculty training to integrate technology into the curriculum.	PDC, Computer Technician, Technology Support Staff	2006-09 Annually	Local Funds (\$1000 annually)	Teachers incorporate technology into their curriculum	Technology skills measured by staff survey and workshop attendance

**TFA 5: TECHNICAL SUPPORT
Data Analysis**

Goal: The Purdy R-II School District will maintain the technology systems to allow ease of use with little or no disruption of the educational environment. (MSIP 6.4) (CSIP #5) (TFA 5)

Objective: The district will provide timely, quality assistance and support that maintains student and staff learning and work environments.

#	Data Analysis	Strength Or Weakness	Results	Technology Implications for District
1	Census of Technology, Technology Plan, Maintenance Reports	Strength	The District has a full-time computer technician that is available to students and staff.	A technology technician is employed so that maintenance and repairs can be done in house as much as possible.
2	Number of Technology Technicians, Census of Technology	Weakness	The District currently meets the state standard of one technical support staff member per 300 computers.	One technician is unable to respond to all technology requests, not just computers, in a timely manner interrupting student learning and staff working environment.
3	Maintenance Reports, Purchase Orders	Strength	An outside vendor and technology support is contacted when necessary.	Repairs and purchases for the district are bided out.
4	Maintenance Reports	Strength	The computer technician and technology coordinator troubleshoots and provides services to staff and students.	The computer technician and technology coordinator attend workshops to improve their knowledge of technology to help the district.
5	Maintenance Reports	Strength	Technology requests are sent via email to the technology coordinator and technology support staff for prioritizing and problem solving.	Dissemination of information and troubleshooting is increased through the usage of technology in a timely manner.

6	Maintenance Reports	Weakness	Work order procedures being circumvented; communication of completion or delays to end users is lacking.	Lower staff and student productivity than desired and low staff morale.
7	Census of Technology, MOREnet Contract of Connectivity, Regional Consortium for Education and Technology-Southwest (RCET)	Strength	The district belongs to MOREnet and RCET. Both organizations make training available to all staff. Membership in MOREnet provides the district with instructional network resources.	The district is able to utilize MOREnet resources to assist the district in maintaining and safeguarding the network. RCET provides monthly technology workshops and an annual technology conference.
8	District Teacher Survey, RCET Training Attendance Report	Weakness	Teachers report the need for training on the use of technology.	More professional development in the use of technology needs to be provided so that teachers feel more comfortable using technology with their students.

**TFA 5: TECHNICAL SUPPORT
Action Plan**

Goal: The Purdy R-II School District will maintain the technology systems to allow ease of use with little or no disruption of the educational environment. (MSIP 6.4) (CSIP #5) (TFA 5)

Objective: The district will provide timely, quality assistance and support that maintains student and staff learning and work environments.

MSIP	CSIP Obj/ Strategy	Action to be Taken	Person Responsible	Time Frame/ Review	Funding Source (Est. Costs)	Progress Expected	Progress Measured
6.4 6.7	5.2	Train faculty/staff in troubleshooting and basic computer maintenance.	Computer Technician, Technology Support Staff	2006-09 Annually	None	Computer technician can focus on complex problems and relieve work load	Fewer technology repair requests for minor problems
6.4	5.2	Building administrators review technology maintenance requests and determine priorities weekly.	Administration	2006-09 Annually	None	Repairs/maintenance requests completed in a more efficient manner.	Satisfaction measured by staff survey and completed work orders
6.4 6.7	5.1	Provide funding and incentives for teachers to attend workshops.	PDC, Administration	2006-09 Annually	Local Funds (\$3500 annually)	Teachers incorporate technology into their curriculum	Technology skills measured by staff survey and workshop attendance
6.4	5.2	Re-enforce maintenance requests guidelines.	Technology Coordinator, Administration, Computer Technician	2006-09 Annually	None	Technology maintenance requests submitted according to guidelines	Decrease in the wait time for repairs