# MONTABELLA COMMUNITY SCHOOLS TECHNOLOGY PLAN

PART OF THE MONTCALM AREA INTERMEDIATE SCHOOL DISTRICT

(DISTRICT CODE: 59000) 302 West Main Street EDMORE, Michigan 48829

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JULY 2012 - JUNE 2015

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AVAILABLE ON THE WEB @: <a href="http://www.montabella.com/technology/TechPlan12">http://www.montabella.com/technology/TechPlan12</a>

15.pdf

MONTABELLA COMMUNITY SCHOOLS ON THE WEB @: WWW.MONTABELLA.COM

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## MONTABELLA COMMUNITY SCHOOLS DISTRICT PROFILE

- ◆Serving the communities of: Edmore, Blanchard, Six Lakes, and McBride
- ♦Student Population: 845



## School Buildings

Montabella Elementary
Grades PK-6

1456 East North County Line Road
Blanchard, Michigan 49310

Montabella Junior/Senior High Grades 7-12 1324 East North County Line Road Blanchard, Michigan 49310

## Montabella Community Schools' Mission Statement

"We, the people of Montabella Community Schools, in cooperation with our community, assure all students the opportunities to learn and grow to meet the demands of today and tomorrow. We do so by offering rigorous and relevant opportunities subject to continuous evaluation and adjustment."

#### District background and demographics:

Montabella Community Schools covers 150 square miles and is located in a predominately rural area comprised of mostly agricultural land located around four villages; Blanchard, Edmore, McBride and Six Lakes. The district has 50 teachers serving approximately 845 students in grades preK-12.

Seventy percent (70%) of the students at the school are eligible for free or reduced lunches. The number of students beginning school At-Risk is steadily increasing; these students are in need of an alternative approach to education that offers options for those students not necessarily educationally gifted.

MCS is cognizant of the unique learner needs that can be enhanced through technology, and recognizes that unique knowledge and skills are necessary to effectively serve the technological advancement needs of both student and adult learners.

## Background of our technology planning initiative:

Our technology planning initiative began in December of 1996. A Technology Coordinator was hired to help keep our technology program organized and on track. Deb Dunbar from the Gratiot—Isabella RESD in-serviced the Technology Committee on the process of creating and maintaining a quality and usable technology plan. From that point we created subcommittees to draft the various portions of our technology plan, put those portions together and began working toward implementing the plan. The Technology Coordinator position has since been divided into two jobs, a Technology Director, who is responsible for infrastructure and technical support, and a Technology Trainer, who is in charge of making sure that our technology plan is kept up-to-date, is implemented, and works to insure the integration of technology into the curriculum. Our School Improvement Teams along with additional members of the Technology Planning Team meet at least once per year.

#### District technology vision statement:

The vision of the Montabella Community Schools Technology Plan is to assure that all learners can meet the challenges of today and tomorrow through access and utilization of technology. In order to attain that assurance, we must provide all students with access to state-of-the-art information technology that will assist them in:

- Becoming proficient in reading, writing, mathematics, and critical thinking,
- @ Being prepared for the next level of education, and
- Successfully attaining the skills and proficiencies required of today's work force.

The district views technology literacy as: the ability to responsibly use appropriate technology to communicate, solve problems, and access, manage, integrate, evaluate, and create information to improve learning in all subject areas and to acquire lifelong knowledge and skills in the 21<sup>st</sup> century.

Montabella Community Schools is committed to providing ongoing and continuous training to its entire faculty and staff in the use

and integration of technology tools. Our technology plan and vision supports our district mission in that it is our mission to "assure all students the opportunities to learn and grow to meet the demands of today and tomorrow" and the demands of today and tomorrow are inherently tied to technology.

#### Executive Summary:

## The major goals of the technology plan are to:

- provide the necessary technological infrastructure for the district.
- provide technologically advanced media centers for curriculum enhancement and community access.
- provide support for maintenance, upgrading and growth of the infrastructure.
- provide staff training in the use of technology and its integration into the curriculum.
- provide for technology to be integrated into the existing curriculum.
- provide appropriate technology education for all students.
- ▶ enforce and model the Montabella Community Schools Network and Internet Access Agreement.

#### Evaluation:

Monitoring the technology plan as it is being implemented will provide valuable information for future planning. Evaluating the plan will provide us with two kinds of important information. First, evidence that the technology plan is being implemented according to its original intent, and second, by carefully monitoring what happens as the technology plan is implemented, important unanticipated outcomes that may have real impact on the ultimate success of the program will be revealed.

Our technology plan is evaluated each spring through the school improvement process to determine if the programs are being implemented, and if any programs need to be added, modified, or deleted. We also try to determine what changes may need to be made to infrastructure to support said programs. By completing this evaluation and updating process every year, we ensure that our technology plan is a living document as we are then able to include new technologies and integration practices which have become available since our last revision.

The Annual Education Report to the Board of Education will include an update regarding the technology plan.

Note: The template used for the Montabella Community Schools Technology Plan was created by the Michigan Department of Education. (Found at www.techplan.org) Many of the introductory and explanatory materials are from that template.

## TECHNOLOGY PLANNING TEAM

Name: Position:

Billy Willis	Technology Director					
	31					
Jacki Fredricks	Curriculum Coordinator/Technology Trainer					
Katrina Gormley	Media Director/ Technology Tidbits Editor/					
	Mustang News Editor/ District Webmaster					
Shelly Millis	Superintendent, Montabella Community Schools					
Shane Riley	Principal, Montabella Junior/Senior High					
Brad Reyburn	Principal, Montabella Elementary					
Kim Dreyer-	School Improvement Team, Junior/Senior High					
Molitor						
Dan Gibson	School Improvement Team, Junior/Senior High					
Jeff Kauffman	School Improvement Team, Junior/Senior High					
Ryan Roberts	School Improvement Team, Junior/Senior High					
Dawn Fenton	School Improvement Team, Elementary					
Beth Garcia	School Improvement Team, Elementary					
Catherine	School Improvement Team, Elementary					
Schreur	· · · · · · · · · · · · · · · · · · ·					
Suzie Dunn	Media Coordinator					
Sherri Miel	School Board Member					
Ruth Jackson	Community Member					
Cindy Eldred	Parent, Junior/Senior High					
Eylie Foster	Parent, Elementary					
Austin Garner	Student Member, Junior/Senior High					
Cirsten Main	Student Member, Junior/Senior High					

Membership of the technology committee is required of certain positions within the district, such as building principals, and Media Coordinator. Teacher Representative, School Board and Parent/Community Member positions are filled on a volunteer basis, Student Member positions are filled on a volunteer basis from members of the Student Council or National Honor Society. The committee is responsible for making decisions concerning the use of technology, creating and updating the technology curriculum and approving the implementation of technology infrastructure and curriculum.

## CURRICULUM



ı <u></u>							
			ective: rategies, aligned with ations and technology		•	r using	Topic: CURRICULUM: INTEGRATION
Step #	Action St	cep:	Assigned To:	Start Date:	Due Date:	Progress:	
1.	Curriculum Technology Media Dire Coordinato the integratechnology curriculum and curriculum allow.	ector, & Media ors to support ration of y into the m as funding cular needs	Superintendent	July 2012	June 2015		
2.	Team will the school plan with technology select and technology enable stuthe demand and tomora fulfilling	y plan to d plan for y that will udents to meet ds of today row therefore g school nt plans and	Curriculum Coordinator / Technology Trainer Technology Director	First School Improvement meeting in Fall 2012	Thru last School Improvement meeting in Spring of 2012		
3.	licenses f district m to aid in teacher re meets Spec	on/card ystem software for all media centers student / esearch. (Also	Media Director	September 2012 September 2013 September 2014	June 2013 June 2014 June 2015		

4.	Integrate all district media center card catalogs into one searchable database. (Also meets Specific Objective for Action Plan 2G)	Media Coordinator	September 2012	June 2015	
5.	Expand electronic subscriptions to indexes, reference, and research materials appropriate to grade level to aid in student / teacher research. (i.e., Electric Library, Facts on File, World Book Online) (Also meets Specific Objective for Action Plan 2G)	Media Director	September 2012	Annually depending upon availability and price.	
6.	Provide multimedia equipment in each building to enable users to learn, practice, and refine multimedia production skills. Equipment could include but is not limited to: multimedia authoring tools, computer hardware & software, VCR/DVD, tv monitor (computer quality), digital image camera, LCD projection panel, interactive white board and scanner. (Also meets Specific Objective for Action Plan 2G)	Media Director	September 2012	Ongoing through life of plan - adding new equipment as new items come onto the market and as budgets allow.	

Action 1B	n Plan:	_	at are based in resea			-	Topic: CURRICULUM: STUDENT
	curricula and instruction for purposes of improving student academic achievement and a timeline for that integration.						
Step #	Action St	cep:	Assigned To:	Start Date:	Due Date:	Progress:	
Stude	nts will a	chieve:					
a	s Accelera	_	rd processing skills; exia, etc.; and basic		_		
( )	PowerPoint	and intermed	word processing skill diate research skills	(Grades 6-8)	_		
			ills (PowerPoint), bas ills. (Grades 9-12)	sic database skil	ls (Access), spre	eadsheet s	skills (Excel)
1.	documents technolog teaching	nt curricular	Curriculum Coordinator	September 2012	June 2015		
2.	with exam	ed curriculum mples d in teacher as	Building Principals	September 2012	Ongoing w/ reports to be given on progress at technology meetings		
3.	8 <sup>th</sup> grade	results of technology through 7 <sup>th</sup> chnology per No	Curriculum Coordinator/ Technology Trainer Technology teacher	May 2013 May 2014 May 2015	June 2013 June 2014 June 2015		

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Action 1C	Action Plan:  Specific Objective: Strategies for the delivery of specialized or rigorous courses & curricula through the use of technology, including distance learning technologies.					Topic: CURRICULUM: TECHNOLOGY DELIVERY		
Step	Action St	tep:	Assigned To:	Start Date:	Due Date:	ate: Progress:		
#								
1.	Offer dis	stance	Curriculum	September 2012	September 2012			
	learning	opportunities	Coordinator	January 2013	January 2013			
	(ie. e202	20, Michigan		September 2013	September 2013			
	Virtual H	High School,		January 2014	January 2014			
	online Du	al Enrollment		September 2014	September 2014			
	courses,	edu 2.0)		January 2015	January 2015			

Action 1D Step #	n Plan: Action St	with parents, the technology	tive: promote parental involuding a description to be used with students assigned To:	on of how parents			Topic: CURRICULUM: PARENTAL COMMUNICATIONS& COMMUNITY RELATIONS SS:
	(Also see 1B Step #	e Action Plan #6)					
1.	and updat district (Also mee	nnology plan tes on the website. ets Specific e for Action	District Webmaster	July 2012 July 2013 July 2014	July 2012 July 2013 July 2014	http:/	an be found at: /www.montabella.com gy/techplan12-15.pdf
2.	ability to student in from home Internet Powerschool	information e via the (ie. bol, nce Learning ect,	Technology Trainer Technology Director	September 2012	Thru June 2015		

3.	Publish information to	District Webmaster	August 2012	August 2012	
	foster community		August 2013	August 2013	
	awareness of local and	Mustang News Editor	August 2014	August 2014	
	ISD technology				
	activities/				
	opportunities, and the				
	Technology Plan and				
	how to access it.				
	Sources could include				
	but are not limited				
	to: District Website,				
	Montabella Facebook,				
	The Mustang News,				
	Technology Tidbits,				
	The Daily News,				
	Morning Sun, and				
	Lakeview Enterprise.				
	(Also meets specific				
	objective for Action				
	Plan 1E)				
4.	Publish a request for	Mustang News Editor	August 2012	August 2012	
	community involvement		August 2013	August 2013	
	on Technology		August 2014	August 2014	
	Committee in the				
	Mustang News, on the				
	District Website and				
	Montabella Facebook,				
	and through Parent				
	Teacher organizations.		0 1 0010		
5.	Provide monthly	Technology Tidbit	September 2012	Periodically	
	Technology Tidbits	Editor		during the	
	staff newsletter to disseminate			school year	
				through June 2015	
	miscellaneous technology			2013	
	information.				
	IIIIOIIIIatioii.				

6.	Schedule technology awareness and usage	Technology Trainer	August 2012	Annually	
	opportunities for staff, parents, students, and community members including but not limited to: open houses, technology fair, training sessions.	Technology Director			
7.	Post board policies on the district website.	Superintendent District Webmaster	July 2012	June 2015	Policies can be accessed at http://63.170.49.23/montabe llalp/lpext.dll?f=templates &fn=frame default.htm, or by visiting the Montabella webpage and choosing the link under Board of Ed.

Action 1E	on Plan: Specific Objective: Strategies for developing the program, where applicable with adult literacy					Topic: CURRICULUM:	
Step #	Action St	providers.	Assigned To:	Start Date:	Due Date:	Progres	COLLABORATION   Ss:
	(Also see 1D Step #	e Action Plan ‡3)					
1.	community	vised  gy Plan with  y entities for  nd comment.	Superintendent	September 2012 September 2013 September 2014	September 2012 September 2013 September 2014		
2.	Adult Edu	area schools' acation s in Mustang on district	District Webmaster  Mustang News Editor	August 2012 January 2013 August 2013 January 2014 August 2014 January 2015	August 2012 January 2013 August 2013 January 2014 August 2014 January 2015		

## PROFESSIONAL DEVELOPMENT



Action 2F	Strategies f teachers, pr ensure that	or providing ongoing, incipals, administrate	ing ongoing, sustained professional development for administrators & school library media personnel to w how to use the new technologies to improve services.			
Step #	Action Step:	Assigned To:	Start Date:	Due Date:	Progress	S:
1.	Provide professional development opportunities for staff to become familiar with the integrated curriculum.	Curriculum Coordinator Technology Director	September 2012	June 2015		
2.	List available technology training offerings in monthly Technology Tidbits newsletter to staff. Providers may include but are not limited to: Montabella, MCC, Alma College, CMU, KISD, MAISD, GIRESD, MDE, MVU, and MMCC.	Technology Tidbits editor	September 2012	Periodically during the school year through June 2015		
3.	Assess teachers' technology proficiency and needs through the 21 Things for Teachers "Personnel Skilled in Technology Assessment" for annual REP report and to determine professional development needs.	Technology Trainer Building Principals	September 2012 September 2013 September 2014	September 2012 September 2013 September 2014		

4.	Plan, schedule, and	Curriculum	September 2012	June 2013	
	provide in-service	Coordinator /	September 2013	June 2014	
	programs to support	Technology Trainer	September 2014	June 2015	
	successful				
	integration of	Technology Director			
	current & future				
	technologies, as				
	determined by the				
	needs/interest				
	assessment, skills				
	assessment, &				
	curricular mandates.				

Action 2G	Action Plan:  2G  Specific Objective: Strategies and supporting resources such as services, software, other electronically delivered learning materials and print resources that will be acquired to ensure successful and effective uses of technology.					Topic: PROFESSIONAL DEVELOPMENT: SUPPORTING	
Step #	Action S	tep:	Assigned To:	Start Date:	Due Date:	Progr	RESOURCES ess:
	`	e Action Plan #3,4,5,6)					
1.	with net w/data s email ac meets sp	e for Action	Technology Director	July 2012	Ongoing		
2.	free Acc project database SIRS Dis FirstSea Infotrac	ate in the less Michigan to access such as coverer, rch, and reprovide district	Media Director	August 2012	Ongoing		

3.	Software/program	Building Principals	July 2012	June 2013	
	requests must be		July 2013	June 2014	
	approved by	Technology Director	July 2014	June 2015	
	administration				
	annually to help				
	facilitate the				
	purchase of				
	curriculum related				
	software.				
4.	Create and maintain a	Technology Director	August 2012	Annual updates	
	District technology			as needed	
	guide, knowledge	District Webmaster		through June	
	base, tutorial, FAQ			2015	
	on the district's				
	Teacher Resources				
	webpage by providing				
	links to help				
	resources for				
	district hardware &				
	software. Examples				
	of information				
	included are:				
	Computers				
	Video				
	Telephones				
	Laptops				
	Software				
	Human resources				
	Online resources				
5.	Continue membership	Media Director	July 2012	June 13	
	with REMC and/or		July 2013	June 14	
	Learn360 for access		July 2014	June 15	
	to video lending				
	library.				
	_	•			

## INFRASTRUCTURE, HARDWARE, TECHNICAL SUPPORT AND SOFTWARE



#### Description of Current Technology Status

Servers: Currently running Windows 2003 and 2008.

**Computers:** A mixture of various brand Towers, Netbooks, Laptops, and Ncomputing Devices have been in service between two and six years and operating systems are primarily Windows XP SP3 with a handful of machines running Windows Vista.

Microsoft Office Software: Office 2007 is installed on all machines.

Email: Utilizing GoogleApps For Education and K12USA MessageGuard Email Archival Appliance.

Phone System: Asterisk - FreePBX with Grandstream phones and VOIP service from CMSInter.Net.

Video Cameras: Axis

Switches: HP ProCurve 10/100 and 3Com 10/100

**Printers and Copiers:** Kyocera copiers under contract with ABdick. Various HP and Xerox laser and color laser printers under contract with Michigan Office Solutions. Three Lexmark laser printers that are not under any type of contract.

Fax Machines: All faxing is done using a fax to email type service through RingCentral. Other Hardware: An assortment of projectors, document cameras, interactive whiteboard technologies, televisions, DVD/VCR combo players, NEO2s, and classroom response systems.

#### Description of Technology Improvement plans:

Servers: Update all servers to Windows 2008.

**Computers:** Update all computers to Windows 7 and put a 3-year system replacement plan in place through the use of an equipment, parts, and service lease.

**Student Software:** Various subscriptions and software programs as determined by the school improvement plan.

Microsoft Office: All student and staff stations will be upgraded to Office 2010.

**Email:** Continue to explore options offered by GoogleApps For Education and expand upon those offerings.

**Phone System:** Continually monitor and analyze the performance of the current system and make adjustments and enhancements if needed. Make the best use of currently available features.

**Video Cameras:** Increase coverage and capabilities by adding additional cameras and replacing monitoring software.

Switches: Upgrade to Gigabit equipment and also PoE when applicable and financially feasible.

Wireless: Maintain new wireless system and add capacity when needed and financially feasible.

Printers and Copiers: Upgrade copiers in Jr/Sr High Office, Elementary Office and Bus Garage.

Fax Machines: Continue to explore options offered by RingCentral and expand upon them.

**Other Hardware:** Continue to supplement current hardware and offer new products as they become available and it is financially feasible to do so.

Actio: 3H	hardware, so services, and	ective: o identify the need for ftware and other service d strategies to determine f the technologies to be	ces to improve of ine interoperab	education or library HARDWARE, TECHNIC		
Step #	Action Step:	Assigned To:	Start Date:	Due Date:	Progress:	
1.	Monitor servers and make repairs / upgrades as needed.	Technology Director	July 2012	Monthly throughout the life of the plan.		
2.	Monitor internet/ network usage to assure adequate bandwidth, and necessary compliance with state and federal regulations.	Technology Director	July 2012	Daily throughout the life of the plan.		
3.	Leverage USF and other technology funds to provide resources for distance learning.	Business Manager Technology Director	July 2012 July 2013 July 2014	July 2012 July 2013 July 2014		
4.	All technology purchases must be approved by Technology Director to ensure interoperability with existing hardware and software. (MCS uses the Windows platform.)	Technology Director	July 2012	Ongoing as purchases are deemed necessary.		
5.	Provide phones in every classroom.	Technology Director	July 2012	Ongoing		
6.	Provide content filtering and updates for all computers with access to the Internet.	Technology Director	July 2012	Ongoing as updates are made available from vendors.		

Action Plan:  Specific Objective:  Strategies to identify the need for tele hardware, software and other services to services, and strategies to determine in			es to improve edu ne interoperabili	cation or library	Topic: INFRASTRUCTURE, HARDWARE, TECHNICAL SUPPORT & SOFTWARE:		
			the technologies to be	_		TECHNICAL SUPPORT	
Step #		ion Step:	Assigned To:	Start Date	Due Date:	Progress:	
1.	of Technoto supportechnologinfrastruthe distr	gy ucture within rict.	Superintendent	July 2012	June 2015		
2.	Technolog newslette basic con	that may help th basic	Technology Tidbits Editor	September 2012	Periodically during the school year through June 2015		
3.	Communication submitechnologorders.	_	Media Director	September 2012 September 2013 September 2014	September 2012 September 2013 September 2014		
Level	The procedure for gaining technical support is as follows: 1st Level: Teacher/staff submit a work order. 2nd Level: Work orders are delegated by Technology Director to appropriate trouble shooters (media coordinators, etc.) 3rd Level: Technology Director.						
4.	work orde	an online er submission for technology tenance needs.	Technology Director	July 2012	Ongoing		

Action 3I	n Plan:	Specific Object Strategies to teachers.	tive: increase access to tec	hnology for all	students and all		Topic: INFRASTRUCTURE, HARDWARE, TECHNICAL SUPPORT & SOFTWARE: INCREASE ACCESS
Step #	Action St	cep:	Assigned To:	Start Date:	Due Date:	Prog:	ress:

	(Also see Action Plan 2G Step #1)				
1.	Research new and emerging technologies to determine and justify appropriate district investments.	Technology Director	July 2012	Reports to be given at annual plan evaluation meetings	
2.	Provide training opportunities for parents in accessing student information online.	Technology Trainer Technology Director	September 2012	Ongoing as needed through July 2015	
3.	Clean and maintain all technology equipment and install computers and network drops as necessary based on curriculum needs and enrollment.	Technology Director	June 2012 June 2013 June 2014	August 2012 August 2013 August 2014	

## FUNDING AND BUDGET



Montabella Community Schools recognizes the need for long-term commitment in technology planning. There will always be a local district commitment at a minimum to employ appropriate staff, maintain a district-wide network, maintain licensing and update agreements and provide for ongoing professional development and curriculum integration. The purchase and replacement of hardware must be budgeted for and the district plans to replace equipment annually through a planned cycle process. The District School Improvement Team will meet annually to coordinate efforts for state and local grants and to earmark resources to meet technology plan goals.

The district will leverage funding from a variety of sources to support the implementation of this plan. Sources may include the general fund, internal budgets, consortium fees, grants, and the Universal Service Fund. The chart below indicates who is responsible for trying to secure funding in each area.

The following items have been considered:

- initial & replacement costs equipment
- desktop hardware and software
- network/WAN hardware
- network/LAN software
- software license
- professional development
- technical assistance staff

#### Funding Chart

This chart indicates who is responsible for obtaining additional monies in each area.

## Media Director Library/Media Grants

## State & Federal Program Director

State & Federal Funds
Curricular Grants

Superintendent/Business Manager/Technology Director
Local budget planning for ongoing support / USF Funding

Actio 4J	Action Plan:  4J Specific Objective: Timeline and budget covering the acquisition, implementation, interoperability provisions, maintenance and professional development related to the use of technology to improve student academic achievement.					Topic: FUNDING AND BUDGET: TIMETABLE
Step #	Action Ste	ep:	Assigned To:	Start Date:	Due Date:	Progress:
1.	for the co	and purchases oming school art of the y Director's	Technology Director	March 2013 March 2014 March 2015	March 2012 March 2014 March 2015	
2.	Include to needs in to development school impuplan and co application	the nt of the provement consolidated	State & Federal Program Director Technology Director	March 2013 March 2014 March 2015	July 2013 July 2014 July 2015	

Action 4J pt		interoperabili related to the	udget covering the acq ty provisions, mainten use of technology to	ance and profess	ional development	Topic: FUNDING AND BUDGET: TOTAL COST
Step #	Action St	ep:	Assigned To:	Start Date:	Due Date:	Progress:
1.	Pursue federal funding opportunities: U.S. Department of Education, Title VI, IDEA, USF		State & Federal Program Director Administrators	September 2012	Annually - Due dates are dependant upon individual grants.	
2.	Explore be community partnersh Curtis Fo	ips:	Technology Committee Administrators	September 2012	Annually - Due dates are dependant upon individual grants.	

## 2012-2015 Budgets

Category	Details	2012-2013	2013-2014	2014-2015
Salaries & Benefits	Curriculum Director Technology Trainer Media Director Media Coordinators	\$172,090	\$180,694	\$189,729
Professional Development	PD Workshops	\$25,000	\$25,500	\$26,010
pevelobilenc	Conferences			
Contracted Services	Technology Director Printer Supplies, Parts & Service MVHS e2020	\$69,188	\$71,438	\$73,801
Software & License Fees	Powerschool Email Protection Follett Inventory Rove Mobile Admin UMRA and SSRPM Survey Gizmo Content Filter Absolute Manage Microsoft Windows and Office World Book eLibrary Learn360 Movie Licensing Lexia Reniassance Learning Criterion EvaluWrite Study Island iStation Aha Math FastForWord Gizmos Learning A-Z Follett Library Catalog	\$45,365	\$43,648	\$44,520
Materials & Supplies		\$2,375	\$2,375	\$2,375
Hardware		\$15,000	\$15,000	\$15,000
Internet/Telco/VOIP/ Website Fees		\$3096.20	\$3096.20	\$3096.20

The Montabella Community School District will coordinate funding from three areas to help support the implementation of the strategic long-range technology plan. The three funding areas will include Grant, Local, and General Fund monies that will support the described budget.

Action Plan:  4K Strategies that will be employed to coordinate state and local resources to implement activities and acquisitions prescribed in the technology plan.  Step Action Step: Assigned To: Start Date: Due Date:					Topic: FUNDING AND BUDGET: COORDINATION OF RESOURCES Progress:	
#	ACCIOII SE	=p.	Assigned 10.	Start Date.	Due Date.	irogress.
2.		SDs to offer support on a l basis. : SRSD, network	Technology Director  Technology Director,	July 2012 July 2012	Ongoing as needs arise.  Ongoing as	
	schools/IS	SDs to obtain . (Example:	Curriculum Coordinator, Media Director	0017 2022	resources are needed.	
3.	Apply for	USF	Technology Director Business Manager	September 2012 September 2013 September 2014	January 2013 January 2014 January 2015	
4.	funding.	Curtis Grant	Technology Director Business Manager	March 2013 March 2014 March 2015	May 2013 May 2014 May 2015	
5.	Apply for Application	Consolidated on Funds	State & Federal Programs Director	April 2013 April 2014 April 2015	June 2013 June 2014 June 2015	

## MONITORING AND EVALUATION



Strategies that the district will use to evaluate the extent to which activities are effective in integrating technology into curricula and instruction, increasing the ability of teachers and enabling students to reach challenging State academic standards.					Topic: MONITORING AND EVALUATION: EVALUATION
Step #	Action Step:	Assigned To:	Start Date:	Due Date:	Progress:
	(Also see Action Plan 1D Step #1)				
1.	District School Improvement Team will review, evaluate, and update the District Technology Plan annually at its May meeting.	District School Improvement Team	May 2013 May 2014 May 2015	June 2013 June 2014 June 2015	
2.	Share the updated plan with Board of Education.	Technology Director Technology Trainer	June 2013 June 2014 June 2015	June 2013 June 2014 June 2015	
3.	Communicate the progress of integrating technology into the curriculum with the Board of Education.	Curriculum Coordinator / Technology Trainer Technology Director	October 2012 October 2013 October 2014	October 2012 October 2013 October 2014	
4.	Revise the process of evaluation for the technology plan as needed.	District School Improvement Team	July 2012	June 2015	

EVALUATION PLAN - YEAR 2012-2013					
Required Components	Accomplishments	Progress Toward Goals	Focus Areas for Improvement	Notes	
		Curriculum			
Integration					
Student Achievement					
Technology Delivery					
Parental Communications & Community Relations					
Collaboration					
	P:	rofessional Developm	ment.		
Professional Development					
Supporting Resources					
Infrastructure, Hardware, Technical Support and Software					
Needs/Technical Specs & Design					
Technical Support					

Increase Access				
		Funding and Budget		
Timetable				
Total Cost				
Coordination of Resources				
	M	Monitoring & Evaluat	ion	
Evaluation				
Acceptable Use Policy				

EVALUATION PLAN - YEAR 2013-2014					
Required Components	Accomplishments	Progress Toward Goals	Focus Areas for Improvement	Notes	
		Curriculum			
Integration					
Student Achievement					
Technology Delivery					
Parental Communications & Community Relations					
Collaboration					
	D	rofessional Developm	mont		
Professional	1	TOTESSIONAL Develop	lenc		
Development					
Supporting Resources					
Infrastructure, Hardware, Technical Support and Software					
Needs/Technical Specs & Design					
Technical Support					

Increase Access				
		Funding and Budget		
Timetable				
Total Cost				
Coordination of Resources				
	J	Monitoring & Evaluat	ion	
Evaluation				
Acceptable Use Policy				

EVALUATION PLAN - YEAR 2014-2015					
Required Components	Accomplishments	Progress Toward Goals	Focus Areas for Improvement	Notes	
		Curriculum			
Integration					
Student Achievement					
Technology Delivery					
Parental Communications & Community Relations					
Collaboration					
	P	rofessional Developm	ment		
Professional					
Development					
Supporting Resources					
Infrastructure, Hardware, Technical Support and Software					
Needs/Technical Specs & Design					
Technical Support					

Increase Access							
Timetable		Funding and Budget					
Total Cost							
Coordination of Resources							
	Monitoring & Evaluation						
Evaluation							
Acceptable Use Policy							

Actio 5M	n Plan:				's Acceptable Use Plan	for Topic:  MONITORING AND EVALUATION: ACCEPTABLE USE POLICY
Step #	Action Ste	ep:	Assigned To:	Start Date:	Due Date:	Progress:
1.	technology	a record of y infractions tinformation	Building Administrators	July 2012	Ongoing as infractions occur.	
2.	District I Acceptable to determing changes/a need to be Submit need additions of Educations	e Use Policy ine if any additions e made. eded changes/ to the Board ion for at the May or	District School Improvement Team	May 2013 May 2014 May 2015	May 2013 May 2014 May 2015	

# APPENDIX A Guiding Documents and Quality Indicators

#### GUIDING DOCUMENTS FOR A MICHIGAN TECHNOLOGY PLAN

1) Required elements of a technology plan 2) State of Michigan Five Year Technology Plan 3) National Educational Technology Standards Project 4) Michigan Curriculum Framework 5) Instructional Technology Across the Curriculum (ITAC) 6) Technology content standards and benchmarks 7) Michigan Information Network (MIN) mission document 8) One Stop Guide to NCREL's Educational Technology Regources: North Central Regional Technology Education Consortium 9) NSSE Indicators for Quality for information systems in K-12 schools (National Study of School Evaluation). Library of Congress Catalog No. 95-71988.1996 10) NATIONAL LEADERSHIP INSTITUTE'S TOOLKIT 2004-2005 11) NCLB Matrix for Technology in Education 15 State of Michigan Five Year Technology Plan http://www.michigan.gov/documents/MichiganCurriculumFramework 8172 7.pdf  http://www.michigan.gov/documents/MichiganCurriculumFramework 8172 7.pdf  http://www.michigan.gov/documents/ITAC-mde-1996 58223 7.pdf  http://www.michigan.gov/documents/MichiganCurriculumFramework 8172 7.pdf  http://www.michigan.gov/documents/MichiganCurriculumFramework 8172 7.pdf  http://www.michigan.gov/documents/MichiganCurriculumFramework 8172 7.pdf  http://www.michigan.gov/documents/MichiganCurriculumFramework 9746 8172 7.pdf  http://www.michigan.gov/documents/MichiganCurriculumFramework 9746 9746 9746 9746 9746 9746 9746 9746		
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11) NCLB Matrix for Technology in Education <a href="http://www.setda.org/toolkit/nlitoolkit/cde/NCLB Matrix.pd">http://www.setda.org/toolkit/nlitoolkit/cde/NCLB Matrix.pd</a>		
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# Quality Principles for Technology Planning

- The technology plan is embedded and supportive of an overall learning plan focused on high achievement for all students.
- The technology plan relates to, supports, and is integrated with other educational plans at the school, district, state, and federal levels.

- The district's decision-making and planning processes are focused on improving student learning.
- The process of developing the district's technology plan provides for shared decision-making and collaboration among all those who have a stake in the success of the region.

NSSE

# Quality Indicators for Curriculum Development and Technology

- The design of the curriculum is driven by the goals and performance indicators for student learning in technology that have been defined by the school. The MDE Curriculum Framework will serve as a quide to this process.
- @ The design of the curriculum takes into account the learning needs and interests of the students.
- $^{@}$  The curriculum is clearly articulated and supports a shared vision for student learning.
- @ The school is committed to the on-going evaluation and renewal of the curriculum.
- The advantages of integrating applications of technology in teaching strategies and learning activities empower teachers to provide students with learning experiences that would be impossible or difficult to achieve without technology resources.
- @ Effective instructional strategies and learning activities are employed to help students understand and apply technology.
- Information technology resources are employed to expand and strengthen the system of assessing student learning.
- High quality assessments are employed to evaluate students' achievement of the essential knowledge and skills they need to achieve in technology.

NSSE

## Quality Indicators for Professional Development

- The objectives of the professional development programs in information technology that are made available to administrators, teachers and staff members are consistent with the district's vision and are designed to help them advance goals for student learning in technology.
- Information technology resources are effectively employed to support the design and delivery of professional development programs and follow-up assistance for teachers and staff.
- The district's planning process for professional development in technology provides adequate support for the initiation, implementation and the institutionalization phases of effective staff development programs.

NSSE

### Quality Indicators for Technical Support

- @ The school's information technology resources are continuously updated.
- @ Technology resources and materials are reviewed annually for currency and for value to the curriculum in supporting student learning. Those resources or materials that no longer support the goals of the instructional program are withdrawn.
- Hardware is reviewed for possible replacement within at least five (5) years of purchase and annually thereafter.
  - o Equipment receives regular inspection and routine maintenance on at least an annual basis.
- Properly trained technical personnel are hired or contracted to perform maintenance and repair.
- Emergency repairs are made promptly.
- $^{@}$  Records adequately document repair and maintenance of equipment.
  - o A comprehensive security system is in place to safeguard the school's information technology resources.
  - o The school maintains an up-to-date inventory of its information technology resources.
- The school's inventory includes software, hardware, printed information and resource materials.
- All materials and equipment are classified, cataloged and processed at the time of their acquisition.
- @ All materials and equipment are marked and documented.
- @ An electronic database serves as the management system of the inventory of the school's information technology resources.
- The roles and responsibilities for the management and coordination of the use of information technology resources throughout the school are clearly defined.
  - o The school's insurance policy provides adequate coverage for materials and liability.

    NSSE

#### Quality Indicators for Evaluation Plans

As a school district embarks upon developing or evaluating its technology plan, the following questions should be considered by all those who have a stake in the success of the plan.

- Does the plan have a reasonable timeline for the implementation of each of the action steps been identified?
- @ Does the plan provide support for a sustained effort (possibly as much as 3-5 years) to allow

these interventions to become fully implemented?

- Have sufficient resources been allocated to support the implementation of the plan?
- We have specific individuals or committees/task forces been designated as responsible for monitoring the implementation of the technology plan and for disseminating periodic progress reports to the staff and community?
- Which action steps appear to have been successful? How can the district build on the success of these action steps?
- Which action steps appeared to be promising, but did not fulfill their expectations? How can these steps be most appropriately modified without compromising the goal of achieving the objectives of the school improvement plan?
- @ Are there any additional action steps that need to be incorporated in the district's technology plan to achieve the objective for improvement?
- Have there been any surprises? If so, what lessons have been learned?

NSSE

# Quality Principles for Resource Support

#### Information resources

The district's accessibility, loan and use policies facilitate the use of the district's information technology resources by students, faculty, staff, administrators and the community.

#### Human resources

The deployment of human resources advances the school's vision for technology and students' achievement of the goals and expectations for their learning.

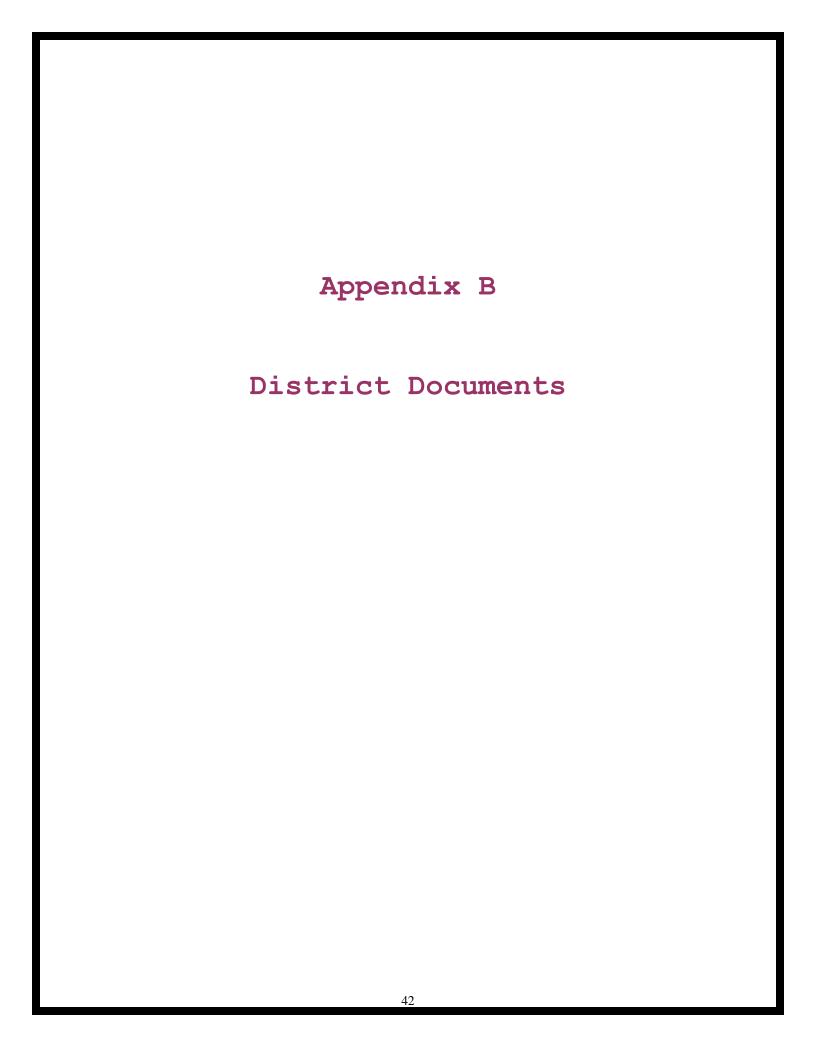
#### Time as a resource:

Through the effective use of technology, time becomes a resource for supporting student learning and enhancing the productivity of the school, rather than a constraint limiting students' opportunity to learn.

#### Policies as a resource

The policies for selecting software, hardware and related information technology resources are consistent with the district's vision for technology and the desired results for student learning.

NSSE



Staff Member's Name:	(Please Print	)	Position:	
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# MONTABELLA COMMUNITY SCHOOLS NETWORK & INTERNET ACCESS AGREEMENT FOR STAFF

Please read this document carefully before signing. The signatures at the end of this document are legally binding and indicate that the signing parties have read all of the terms and conditions carefully and understand their significance.

The purpose of this policy is to set forth policies and guidelines for access to the District computer network and acceptable use of the Internet. As such, this access will; assist in the collaboration and exchange of information, facilitate personal growth in the use of technology, and enhance information gathering and communication skills.

The intent of this contract is to ensure that Staff Members will comply with all network and Internet acceptable use policies approved by the District. The Staff Member acknowledges that (s)he does not have a reasonable expectation of privacy in his or her use of the District's network or any part of it. The District reserves the right to monitor the network, including but not limited to the Internet use and electronic mail.

Montabella Community Schools wishes it to be noted that although filtering technology is in place to bring us into compliance with CIPA (Children's Internet Protection Act – PA212) and other mandated legislation; this does not provide a foolproof means for enforcing the provisions of this acceptable use policy. The Staff Member acknowledges that it is impossible for the District to restrict access to all controversial material on the network.

In exchange for the use of the network resources either at school or away from school, the Staff Member understands and agrees to the following:

- 1) The use of the network is a privilege, which may be revoked by the District at any time and for any reason. Any misuse of the account may result in suspension of the account privileges and/or other disciplinary action as determined by the District in accordance with this Agreement and any applicable provisions of a District collective bargaining agreement. Unacceptable uses of the network and Internet include, but are not limited to:
  - a) Altering of system software.
  - b) Placing unauthorized information, unauthorized software, computer viruses or harmful programs on or through the computer network in either public or private files or messages.
  - c) Accessing, reviewing, uploading, downloading, storing, printing, posting or distributing pornographic, obscene or sexually explicit material.
  - d) Transmitting or receiving obscene, abusive, profane, lewd, vulgar, rude, inflammatory, threatening, disrespectful, or sexually explicit language.
  - e) Accessing, reviewing, uploading, downloading, storing, printing, posting or distributing materials that use language or images that advocate violence or discrimination toward other people (hate literature) or that may constitute harassment or discrimination.
  - f) Knowingly or recklessly posting false or defamatory information about a person or organization, or harassing another person, or engaging in personal attacks, including prejudicial or discriminatory attacks.
  - g) Engaging in any illegal act or violating any local, state or federal statute or law.
  - h) Using the District's network to vandalize, damage or disable the property of another person or organization, making deliberate attempts to degrade or disrupt equipment, software or

- network performance by spreading computer viruses or by any other means, tampering with, modifying or changing the District's network software, hardware or wiring or taking any action to violate the District's network software, hardware or wiring or taking any action to violate the District's network security, or using the District's network in such a way as to disrupt the use of the network by other users.
- i) Using the District network to gain unauthorized access to information resources or to access another person's materials, information or files without the implied or direct permission of that person.
- j) Using the District's network to post private information about another person or to post personal contact information about other persons including, but not limited to, addresses, telephone numbers, school addresses, work addresses, identification numbers, account numbers, access codes or passwords.
- k) Attempting to gain unauthorized access to the District's network or any other network, attempting to log in through another person's account, or use computer accounts, access codes or network identification other than those assigned to the user. Any problems that arise from the use of a Staff Member's account are the responsibility of the account holder. Use of an account by someone other than the registered account holder is forbidden and may be grounds for loss of access privileges. Any loss of security of an account or password should be reported immediately to a network administrator.
- Using the District's network to violate copyright laws, or usage licensing agreements, or otherwise to use another person's property without the person's prior approval or proper citation, including the downloading or exchanging of pirated software or copying software to or from any school computer, or plagiarizing works found on the Internet.
- m) Using the District's network for the conduct of a business, for unauthorized commercial purposes or for financial gain unrelated to the mission of the District. Users will not use the District's network to offer or provide goods or services or for product advertisement.
- n) Using the District's network to access outside email services.
- o) Using the District's network to access chat rooms, or other forms of direct electronic communications unless curriculum related and directed or authorized by an administrator.
- 2) The use of District and/or network resources are for the purpose of (in order of priority):
  - a) Support of the academic program
  - b) Telecommunications
  - c) General Information
  - d) Recreational
- 3) The District and/or network does not warrant that the functions of the network will meet any specific requirements the user may have, or that it will be error free or uninterrupted; nor shall it be liable for any direct or indirect, incidental, or consequential damages (including lost data, information, or time) sustained or incurred in connection with the use, operation, or inability to use the network.
- 4) Staff Members will diligently delete or mail messages on a regular basis from the personal mail directory to avoid excessive use of the electronic mail disk space.
- 5) The District and/or network will periodically make determinations on whether specific uses of the network are consistent with the acceptable-use practice. The District and/or network reserves the right to monitor file server space utilization by user logs, monitor Internet use and to monitor electronic mail space utilization by users.
- 6) Staff Members may transfer free files, shareware and other software from websites, online information services and electronic bulletin board services. Should the Staff Member knowingly

- or deliberately transfer a file, shareware, or software which infects the network with a virus and causes damage, the Staff Member may be subject to disciplinary measures as determined by the District.
- 7) Users violating any provisions of this Network Access Agreement face disciplinary action for such violations. Depending upon the nature and severity of the violation, possible disciplinary actions include:
  - 1. Users may be banned from further use of the network and may be required to attend additional training sessions as a precondition to continued use;
  - 2. Users may be required to make full financial restitution for any unauthorized expenses or damages incurred;
  - 3. Users may face additional disciplinary action consistent with the collective bargaining agreement;
  - 4. The District may refer the matter to appropriate law enforcement authorities; and
  - 5. Nothing herein shall be construed as providing that the District must find a violation in order to ban a user from further use of the network, and the District reserves the right to ban a user from the network for any reason whatsoever or for no reason.

In consideration for the privilege of using the network, I hereby release the District and/or the network and their employees, agents, and operators from any and all claims of any nature arising out of my use of, misuse of, or inability to use, the District and/or network resources.

I agree to abide by the rules and regulations of network usage as set forth herein and as may be added from time to time by the District and/or network. These rules will be available in hardcopy form in the Principal's office.

Please Print Name:	
Signature:	Date:

Student Name: Grad Year:

# MONTABELLA COMMUNITY SCHOOLS NETWORK & INTERNET ACCESS AGREEMENT FOR STUDENTS

Please read this document carefully before signing. The signatures at the end of this document are legally binding and indicate that the signing parties have read all of the terms and conditions carefully and understand their significance.

The purpose of this policy is to set forth policies and guidelines for access to the school district computer system and acceptable use of the Internet. As such, this access will assist in the collaboration and exchange of information, facilitate personal growth in the use of technology, and enhance information gathering and communication skills.

The intent of this contract is to ensure that students will comply with all network and Internet acceptable use policies approved by the district. Montabella Community Schools wishes it to be noted that although filtering technology is in place to bring us into compliance with CIPA (Children's Internet Protection Act – PA212) and other mandated legislation; this does not provide a foolproof means for enforcing the provisions of this acceptable use policy. Therefore, by signing this document, parents and students acknowledge that it is impossible for the District to restrict access to all controversial material on the network.

In exchange for the use of the network resources either at school or away from school, the student understands and agrees to the following:

- 1) The use of the network is a privilege, which may be revoked by the district at any time and for any reason. Any misuse of the account will result in suspension of the account privileges and/or other disciplinary action determined by the district. students may be liable for costs incurred in returning the network to its original state, and may be assigned community service time to be served with the Technology Director. Unacceptable uses of the network and Internet include, but are not limited to:
  - a. Altering of system software.
  - b. Placing unauthorized information, unauthorized software, computer viruses or harmful programs on or through the computer system in either public or private files or messages.
  - c. Accessing, reviewing, uploading, downloading, storing, printing, posting or distributing pornographic, obscene or sexually explicit material.
  - d. Transmitting or receiving obscene, abusive, profane, lewd, vulgar, rude, inflammatory, threatening, disrespectful, or sexually explicit language.
  - e. Accessing reviewing, uploading, downloading, storing, printing, posting or distributing materials that use language or images that are inappropriate to the educational setting or disruptive to the educational process
  - f. Accessing, reviewing, uploading, downloading, storing, printing, posting or distributing materials that use language or images that advocate violence or discrimination toward other people (hate literature) or that may constitute harassment or discrimination.
  - g. Knowingly or recklessly posting false or defamatory information about a person or organization, or harassing another person, or engaging in personal attacks, including prejudicial or discriminatory attacks.
  - h. Engaging in any illegal act or violating any local, state or federal statute or law.
  - i. Using the school district system to vandalize, damage or disable the property of another person or organization, making deliberate attempts to degrade or disrupt equipment, software or system performance by spreading computer viruses or by any other means, tampering with, modifying or changing the school district's system software, hardware or wiring or taking any action to violate the school district's systems software, hardware or

- wiring or taking any action to violate the school district's system's security, or using the school district's system in such a way as to disrupt the use of the system by other users.
- j. Using the district system to gain unauthorized access to information resources or to access another person's materials, information or files without the implied or direct permission of that person.
- k. Using the district's system to post private information about another person or to post personal contact information about him or herself or other persons including, but not limited to, addresses, telephone numbers, school addresses, work addresses, identification numbers, account numbers, access codes or passwords.
- 1. Attempting to gain unauthorized access to the school district's system or any other system, attempting to log in through another person's account, or use computer accounts, access codes or network identification other than those assigned to the user. Any problems that arise from the use of a student's account are the responsibility of the account holder. Use of an account by someone other than the registered account holder is forbidden and may be grounds for loss of access privileges. Any loss of security of an account or password should be reported immediately to a network administrator.
- m. Using the district's system to violate copyright laws, or usage licensing agreements, or otherwise to use another person's property without the person's prior approval or proper citation, including the downloading or exchanging of pirated software or copying software to or from any school computer, or plagiarizing works found on the Internet.
- n. Using the district's system for the conduct of a business, for unauthorized commercial purposes or for financial gain unrelated to the mission of the school district. Users will not use the school district's system to offer or provide goods or services, for product advertisement or political lobbying. Users will not use the school district's system to purchase goods or services for personal use without authorization from the appropriate school district official.
- o. Using the district's system to access outside email services.
- p. Using the district's system to access chat rooms, or other forms of direct electronic communications unless curriculum related and directed or authorized by an instructor.
- 2) Students may only log onto and use the network under the immediate supervision of a staff member.
- 3) The use of district and/or network resources are for the purpose of (in order of priority):
  - a. Support of the academic program
  - b. Telecommunications
  - c. General Information
  - d. Recreation
- 4) The district and/or network does not warrant that the functions of the system will meet any specific requirements the user may have, or that it will be error free or uninterrupted; nor shall it be liable for any direct or indirect, incidental, or consequential damages (including lost data, information, or time) sustained or incurred in connection with the use, operation, or inability to use the system.
- 5) The student will diligently delete or mail messages on a regular basis from the personal mail directory to avoid excessive use of the electronic mail disk space.
- 6) The district and/or network will periodically make determinations on whether specific uses of the network are consistent with the acceptable-use practice. The district and/or network reserves the right to monitor file server space utilization by user logs, Internet use and electronic mail space utilization by users.

- 7) Students may transfer files from information services and electronic bulletin board services. For each file received through a file transfer, the student agrees to check the file with a virus-detection program before opening the file for use. Should the student knowingly or deliberately transfer a file, shareware, or software which infects the network with a virus and causes damage, the student will be liable for any and all repair costs to make the network once again fully operational and may be subject to other disciplinary measures as determined by the district.
- 8) The student may not transfer files, shareware, or software from information services and electronic bulletin boards without the permission of a network administrator. The student will be liable to pay the cost or fee of any file, shareware, or software transferred, whether intentional or accidental, without such permission.
- 9) The district reserves the right to remove a user account on the network to prevent further unauthorized activity.
- 10) Users violating any provisions of this Network Access Agreement face disciplinary action for such violations. Depending upon the nature and severity of the violation, possible disciplinary actions include:
  - a. Users may be banned from further use of the network and may be required to attend additional training sessions as a precondition to continued use;
  - b. Users may be required to make full financial restitution for any unauthorized expenses or damages incurred;
  - c. The district may refer the matter to appropriate law enforcement authorities; and
  - d. Nothing herein shall be construed as providing that the district must find a violation in order to ban a user from further use of the network, and the district reserves the right to ban a user from the network with or without a reason.

In consideration for the privilege of using the network, I hereby release the district and/or the network and their employees, agents, and operators from any and all claims of any nature arising out of my use of, misuse of, or inability to use, the district and/or network resources.

I agree to abide by the rules and regulations of network usage as set forth herein and as may be added from time to time by the district and/or network. These rules will be available in hardcopy form in the Principal's office.

(Sign and return to the Media Specialist or Media Coordinator in your building)

Printed Name of Student	Year of Graduation	
Signature of Student	Date	
As the student's parent or legal guardian, I have accept responsibility for any fees, expenses, or of the network or equipment.  * If you are 18 and have signed the Age of Major	damages incurred as a result of my child	's use and misuse of
must still sign and return this form in order to h	have access to the school's network. *	
Signature of Parent or Guardian	Date	