



EDUCATIONAL TECHNOLOGY PLAN

July 1, 2011 – June 30, 2014

Washtenaw Intermediate School District (WISD) is the regional educational service agency for the local school districts of Ann Arbor, Chelsea, Dexter, Lincoln, Manchester, Milan, Saline, Whitmore Lake, Willow Run, Ypsilanti and Public School Academies.

Table of Contents

Table of Contents.....	ii
List of Tables.....	iii
Section 1: Identification & Contact Information.....	1
Section 2: Introductory Material.....	1
Section 3: Vision and Goals	4
Section 4: Curriculum Integration	7
Section 5: Student Achievement	7
Section 6: Technology Delivery	8
Section 7: Parental Communications & Community Relations.....	9
Section 8: Collaboration	10
Section 9: Professional Development.....	11
Section 10: Supporting Resources.....	11
Section 11: Infrastructure Needs/Technical Specification, and Design	12
Section 12: Increase Access	13
Section 13: Budget and Timetable	15
Section 14: Coordination of Resources	16
Section 15: Evaluation.....	16
Section 16: Acceptable Use Policy.....	17
Appendix A: Curriculum Integration.....	18
Appendix B: Professional Development	19
Appendix C: Infrastructure, Hardware, Technical Support, and Software	21
Appendix D: Wide Area Network (WAN) Diagram.....	28
Appendix E: Monitoring and Evaluation.....	29
Appendix F: Acceptable Use Policy (AUP).....	30

List of Tables

Table 1 - Hardware.....	11
Table 2 - Software.....	11
Table 3 – Budget and Timetable.....	14

Section I: Identification & Contact Information

District:	Washtenaw Intermediate School District (81000)
Address:	1919 South Wagner Road P.O. Box 1406 Ann Arbor, MI 48106
Phone:	734.994.8100
Plan Date:	July 1, 2011 to June 30, 2014
Contact Person:	Karen Erhardt - Domino, Director of Technology Services
Phone:	734.994.8100
Fax:	734.994.2203
Email:	kdomino@wash.k12.mi.us
Plan URL:	www.wash.k12.mi.us

Section 2: Introductory Material

Introduction

Washtenaw Intermediate School District (WISD) is a dynamic regional education service agency that provides services to public schools, charter schools and academies that operate within our district. As one of Michigan's 57 Intermediate Schools Districts, whose challenge is to assist local school districts in delivering educational excellence to all students, WISD provides support services in the areas of instruction, career and technical education, special education, technology, and business- related functions.

Furthermore, Michigan, schools are required to provide special education services for children who need them from the time they are born through age 26, or until they graduate from high school. The WISD assumes primary responsibility for Child Find activities and outreach for children birth to 5 and supports special education services such as consulting, training and assistive technology for more than 47,000 students in the 10 local school districts of Ann Arbor, Chelsea, Dexter, Lincoln, Manchester, Milan, Saline, Whitmore Lake, Willow Run and Ypsilanti, and eight public school academies.

At WISD, technology planning, development and implementation are instituted in support of our overall mission, which is *to promote continuous improvement of achievement for every student while providing the highest quality service to our customers*. Technology at WISD is not the driving force in the planning process, but one which supports and enhances our mission, goals and objectives for student achievement.

Technology Plan History

Beginning in 2002, WISD appointed a planning committee that consisted of representatives from technology, professional development, instructional technology, teachers, principals and Board members whose task was to compose our original three year and future three year technology plans.

The purpose of these plans is to identify and guide the direction of the WISD as established by the:

- ❖ Washtenaw Superintendents' Association
- ❖ Teaching and Learning Conference
- ❖ State and federal obligations
- ❖ Emerging needs of the local school districts, students, parents, and communities
- ❖ Education 2020, Students First

These plans are also used as a guide for decision-making with regard to the commitment of WISD resources and establishment of policies and procedures. Further, these plans provide a means for assessing the impact the WISD has through the collective work with its constituent districts, public school academies, and community.

The technology plans include the following sections:

- ❖ Mission and WISD Services
- ❖ Purpose and Principles
- ❖ Educational Ideas That Frame Our Work
- ❖ 4 Focus Area to Implement The Plan

WISD Mission and Services

The overarching WISD mission is: *“To promote continuous improvement of achievement for every student while providing the highest quality service to our customers.”*

The WISD accomplishes this mission by:

- Meeting the needs of diverse learners while building inclusive communities.
- _Providing programs and services that address the needs of the whole child.
- _Supporting a personalized learning experience for each student and family.
- _Maximizing collaboration with schools, businesses, agencies, and communities.
- _Modeling the use of technology for instruction.
- _Serving as an educational communication center.
- _Providing shared administrative services that support teaching and learning.
- Securing educational resources and using them equitably and efficiently.

Purpose and Principles

- ◆ Equity and equal educational opportunity are made available for all students regardless of ability, race, ethnicity, class or gender.
- ◆ All students learn, are held to the common county standards, and are prepared for post-school life.
- ◆ State policy, legislation, rules, regulations and funding are influenced to maximize success and resources for all students, families, and staff.

Educational Ideas That Frame Our Work

In 2009, the WISD developed and completed a strategic plan, Education 20/20, Students First, containing details of the ideas that frame our work for the future. The following ideas that frame our work are designed to meet the needs of the whole child:

- ◆ Quality, equity, inclusiveness and social justice
- ◆ _Boundary-spanning partnerships
- ◆ _Innovative Change
- ◆ _Excellent teaching and leading
- ◆ _Learner-centered design
- ◆ _Common high expectations for teaching, leading and learning.

4 Focus Areas to Implement the Plan

- ◆ Boundry Spanning Partnerships and Regional Collaboration
- ◆ Education Programs and Student Services
- ◆ Diversity, Inclusiveness and Customer Service
- ◆ Innovative Change in Teaching and Leading

Buildings and Facilities

Washtenaw ISD's community buildings and facilities consist of, more than 100 buildings in 10 public school districts, 9 public school academies and 21 non-public schools.

Statistics and Demographics

Dedicated to fulfilling the educational hopes and dreams of a diverse community of learners, WISD's team of 200 employees serve more than 70 public school board members, more than 47,000 students in 10 communities with about 4,800 public school employees including teachers, principals, administrators, aides, secretaries and bus drivers in 100 buildings . For more information about our community and student demographics, visit our website:

<http://wash.k12.mi.us/assessresearch/studentdemographics.php>.

Section 3: Vision and Goals

WISD 21st Century Vision

The WISD's first responsibility is to promote all students achieving at high levels as defined by the Washtenaw County Expectations for Student Learning. WISD builds internal capacity to support a high quality public education system and organizes to build local school district and school capacity to meet the Washtenaw County Expectations for Student Learning. This includes developing our staff and leadership at WISD to implement the 21st Century vision that has been established through the Conference on Teaching and Learning and the Educational Ideas That Frame Our Work for developing and maintaining a high quality public school system for the citizens of Washtenaw County.

The public education system envisioned by the Washtenaw Superintendents' Association eliminates barriers to equity and responds to academic and socially diverse student needs. To accomplish this, our greatest attention is given to creating a personalized approach. The [Educational Ideas That Frame Our Work](#) forms the foundation for our 21st Century vision and is designed to create a personalized learning experience for every child we serve.

Quality, Equity, Inclusiveness, and Social Justice

This foundational idea emphasizes the practice of creating inclusive communities where different perspectives are encouraged, where diverse backgrounds are respected, and where talent and hard work are focused on achieving success for each and every student. Strategies that emphasize this focus include the World Languages collaborative with the University of Michigan, the Washtenaw Promise with Ann Arbor Area Community Foundation, the Young Peoples Project and Washtenaw Success by 6.

Boundry Spanning Partnerships

This idea is about stretching outside the boundaries of the traditional K-12 system to quality preK-16 model partnerships with colleges/universities, businesses, community and governmental organizations, and early childhood and family support systems. It is also about increasing collaboration and service sharing among local districts and between local districts and the intermediate school district as well as entering into partnerships to provide many of the functions previously performed by the Michigan Department of Education.

Examples of models working toward system change include the Early College Alliance, Success by 6®, and New Tech High.

Innovative Change

This idea focuses on educators and school partners employing a data culture for decisions that informs instruction, measures individual student performance, and provides information about our students and system to the community. The success of the system is determined by the results for students as measured in multiple ways. The system prepares all young people with the skills as well as economic, social and intellectual capital needed for success in the 21st Century. This includes partnering with state-level organizations to provide regional and statewide leadership and technical assistance to promote and sustain innovations statewide as well as employing innovative ways to seek solutions for greater efficiency to create a sustainable funding system.

Examples include student perception surveys, post-high school follow-up surveys, measures of 21st Century learning skills, one-on-one computing, and project-based learning..

Excellent Quality Teaching and Leading

High quality teaching and leading are essential for building and shaping the classroom, school and system environments. Teachers, students and parents share responsibilities for learning based upon their mutual understanding of their needs and aspirations. Educators know and develop a relationship with each student and his/her family. That knowledge and relationship is then used to collaboratively plan that young person's education. Leaders are proactive, collaborative and use evidence to make decisions. They focus on efforts to create and advocate for learner-centered teaching and learning opportunities.

Strategies that emphasize quality teaching and leading include Reading Apprenticeship, Instructional Consultation Teams, Universal Design for Learning, Studying Math Learning, the Algebra Project and STEM (Science, Technology, Engineering, Mathematics) curriculum and partnerships with higher education institutions.

Learner Centered Design for a Flexible and Personalized System

The student is at the heart of instruction and the design of the educational system. Teachers focus on learners - first understanding their needs and how they learn best and then providing guidance, instruction and support—teaching students how to create their own learning. Learner-centered education is individual, flexible, personal, and varied and can occur at any time or place.

Strategies that emphasize flexible and personalized learning include, expansion of the Early College Model and partnerships with higher education, online learning options, and personalized planning systems.

Common High Expectations

Expectations are high for teaching, leading and student learning. Teachers use research based effective instructional strategies. Leaders work together, are proactive and use evidence-based decision making to shape instructional practices, organizational processes and system activities.

Using an emphasis on the whole child model, learning expectations are high for all students in Washtenaw County. The effective learner not only understands the educational content but also creates his/her own learning opportunities, works well with others, thinks critically and creatively, is personally effective and communicates well.

Technology Plan Goals

For ease in updating this three year plan in the future, the WISD technology plan goals and corresponding objectives, strategies, action plans, timelines and costs are presented as Appendixes in a matrix format at the end of the technology plan. The WISD consistently adheres to [4 Focus Areas](#) when determining goals, objectives and action plans for school improvement. These four focus areas are addressed in the body of this plan as they relate to the following goals for the five required sections of the technology plan.

I. Curriculum

“Provide and support technology-enabled teaching and learning opportunities consistent with the WISD Purpose and Principles and Washtenaw County Common Assessments.”

II. Professional Development

“Provide and support appropriate and relevant technology related professional development and training for WISD and constituent local school district staff.”

III. Infrastructure, Hardware, Technical Support, and Software

“Provide and support equitable and sustainable educational technology, including virtual learning technologies that enhance teaching and learning for improving student achievement.”

IV. Budget and Timetable

“Provide a method for funding and coordinating resources that support existing technology and future acquired technologies to meet the objectives of the technology plan.”

V. Monitoring and Evaluation

“Monitor and evaluate the success of achieving the objectives of this plan and provide a method for making midcourse corrections to any unmet goals.”

Section 4: Curriculum Integration

Schools in Washtenaw County are national leaders in assuring that all students perform at high levels of achievement. The WISD staff provides leadership and services to assist local schools in developing, implementing, and evaluating school improvement plans. Focused curriculum implementation, high quality instructional practices and balanced assessment approaches assure high levels of student performance.

Through the development of a comprehensive county plan for education services, WISD performs its role to operate specialized student educational services and programs that provide cost effective, high quality instruction through cooperative arrangements. The WISD has implemented a Conference on Teaching and Learning which is a unique, on-going effort spearheaded by the school leaders in Washtenaw County to improve teaching and learning for all students. The superintendents of the ten local school districts and the WISD work together to design and implement a more unified system of programs and services to help each district meet the needs of every student. The goal of this Conference is to create schools that are truly learner-centered.

Accordingly, our objectives for curriculum integration are to assist teachers in the integration of technology into curriculum and continuously develop staff capacity to personalize learning, differentiate instruction and use research-based instructional strategies that meet the Michigan Educational Technology Standards for the 21st Century, [Appendix A](#).

Section 5: Student Achievement

WISD provides both direct and consultative services for all students within our service area. Personalized education services are provided for a growing number of students with specialized needs for support. WISD builds the capacity to measure and communicate the accomplishment of each student through the development and implementation of a comprehensive system of balanced assessments, [Section 15](#).

Consistent with our technology plan goals for student achievement, the WISD adheres to the following [Purpose and Principles](#) when implementing objectives and action plans for student achievement.

Equity and equal educational opportunity are made available for all students regardless of ability, race, ethnicity, class or gender.

Guiding Principles

- All students in all communities have the right to learn and receive challenging, relevant, and motivating curriculum and instruction.
- Instruction should be personalized and differentiated for all students.
- Schools must secure and distribute educational resources that build district, school, and classroom capacity.

All students learn, are held to the common county standards, and are prepared for post-school life.

Guiding Principles

- All staff should use data driven, research-based instruction and provide for the ongoing monitoring and examination of student progress through balanced assessment.
- All students should assume increased responsibility for their own learning.
- Local capacity exists to design and implement educational programs that will exceed state standards and lead to success for all students.
- Local responsibility for all students ensures their academic and social membership and success in their local community.
- Differentiating instruction for all students is critical so as to meet the diverse needs of all learners.
- The effective use of technology is an integral part of a student's education in the 21st century and is vital to post-school success for many students.
- Collaboration is required for staff to share responsibility for all students and meet their unique needs.
- WISD has the responsibility for coordination of education activities while serving our primary customers; the parents, students and staff in our 10 local school districts.

State policy, legislation, rules, regulations and funding are influenced to maximize success and resources for all students, families, and staff.

Guiding Principles

- Collectively, we represent public education in the county and are obligated to respond proactively to the political and economic forces shaping education statewide.
- Collectively, we are stronger and can have broader impact by sharing strengths and resources.

Section 6: Technology Delivery

Through its extensive and high quality technological/electronic resources, learning programs are available for distance-education delivery as well as other more traditional methods of delivery involving consultants with broad expertise, "master" teachers, support groups and multi media exchanges. Following are some of the resources made available to our community:

WISD Web Site

The recently updated WISD website (www.wash.k12.mi.us) is the information center for the district as well as the community. The district's website allows public access to important information quickly and efficiently while other areas provide important documents, instructional information, resources for administrators, teachers, support staff, students and parents, and appropriate web links. There is also a Login area for administrators and staff to access their email and other important resources.

Internet Access

Through the operation of school fiber network, WISD provides for and supports the infrastructure needed for our constituent local school districts to have reliable high-speed internet connections. The WISD provides year-round access to research data, resources, and equipment that connect educators to a global information network.

Online Digital Resources

Washtenaw Intermediate School District and Livingston Educational Service Agency have worked closely with the school districts in Washtenaw and Livingston Counties to provide access to digital online resources. We have collaboratively purchased online resources that can be accessed by teachers and students at school or at home.

Discovery Education - This resource is available to all schools in Washtenaw and Livingston counties including many of our charter and private schools. Users have the opportunity to access this instructional technology where they can access 5,000 digital educational videos, over 50,000 video clips, over 20,000 digital images and other resources for the classroom online.

Videoconferencing - WISD maintains a video streaming server with archives of many of the video conferences we participant in. Washtenaw ISD is also a member of MI Streamnet, a collaborative effort with REMC, Apple, Inc. and MERIT. This distributed video-streaming network enhances the capacity of the REMC Association to provide constituents with increased access to video-streaming resources as a means of enriching teaching and learning in Michigan schools.

TWICE - TWICE is an acronym for Two Way Interactive Connections in Education. It is an organization of Michigan educators dedicated to promoting and supporting collaborative connections using two way interactive video for the benefit of Michigan students.

Internet2 - Internet2 is a consortium being led by 205 universities working in partnership with industry and government to develop and deploy advanced network applications and technologies, accelerating the creation of tomorrow's Internet. Internet2 is recreating the partnership among academia, industry and government that fostered today's Internet in its infancy.

Grolier Online Encyclopedia - This resource is an online encyclopedia made available to both teachers and students and can be accessed at school and home. All public school districts in Washtenaw and Livingston Counties, and many of our charters and private schools, have secure access to this service.

Follett Destiny On-line Catalog - Through the use of this Assistive Technology Lending Library, assistive technology tools and resources are available for trial purposes through the WISD. Users are provided a log-in account which enables them to view available resources on-line by clicking on "Search the Catalog" and entering keywords or clicking on "Browse the Assistive Technology Collection by Category".

Section 7: Parental Communications & Community Relations

WISD works with the community to offer family education and support group programs. These programs provide education on issues affecting families and children. Wherever and whenever

possible, parents and other community members participate in planning and implementing technology for enhancing teaching and learning.

In addition to the supporting documents for the entire WISD2011 educational plan for the county, the Technology Plan is posted on the WISD web site www.wash.k12.mi.us. Parents are provided with the links to this web site while local districts also reference these materials when developing their curriculum and communicating with parents.

In addition, WISD recently installed a new student management system which includes a parent connection component. This component will allow individual classroom teachers to provide up to date materials and communications to parents with regard to classroom activities. Internet safety programs are also provided to parents through materials provided by the State of Michigan Attorney General's Office.

WISD also maintains and supports the information dissemination portion of the Michigan Alliance for Families project. Michigan Alliance for Families provides information, support and education to families of children and adults with disabilities from birth to age 26 who are in the educational system. The purpose of this project is to increase the involvement of families in their children's education and the educational system in general. This new approach to serving family members and young adults is based on the concept that everyone involved in education needs to have access to the same information, learning and leadership opportunities, yet be connected to each other.

Section 8: Collaboration

Since the WISD is a regional service agency, it does not provide adult literacy services at the regional level. However, WISD staff provides leadership and service to link Washtenaw County schools with business, industry, community service groups and organizations, governmental agencies, and institutions of post-secondary education. Committed to education as a life-long activity, these partnerships have resulted in opportunities for students to apply their academic skills in real-life settings and engage in varied learning experiences.

It is natural for education to occur throughout the community in numerous settings other than school buildings. Personalized learning experiences, which include career education, academic support, and service learning, are facilitated through cooperative interagency activity.

Innovative internships and mentoring services are provided as students engage in community-based learning. In collaboration with the community, early childhood and family education services are designed to provide young children with a successful early start in school.

In addition, as a cooperative regional education organization, WISD performs many of the assistance and management functions the Michigan Department of Education once conducted. Working with its constituents, WISD provides government relations services to advise and inform public policy makers on educational issues.

Section 9: Professional Development

WISD actively promotes and nurtures the professional growth of educators and educational support staff in the county. It provides opportunities for dialogue and action, leading to improved student learning. Because of its partnership with higher education institutions, professional associations, and unions, WISD assists with in-service education for experienced practicing teachers and new teachers, administrators, and support staff. Leadership development of both school principals and teachers occurs through countywide professional development as well as through school partnership.

As an education leader, it is essential for WISD staff and leadership to remain current in the field of education. This is done largely through participation in national, state and local professional development activities. Participation often includes sharing WISD's innovative and best-practice programs with other educators via presentations at national, state and local conferences. Upon request, the WISD also provides technical and data consulting services to its local school districts in a variety of different areas.

WISD encourages and continues to support on-going, appropriate, professional development for its leaders and employees because WISD is most often the preferred provider of professional development for the schools it serves. WISD has board policy and guidelines covering participation in state and national continuing education, conferences and workshops and related reimbursement. For a complete list of professional development objectives and action plans, [Appendix B](#).

Section 10: Supporting Resources

Maintaining and continually updating an extensive collection of educational resources for staff development, WISD is a clearinghouse for the most innovative and exemplary ideas and programs throughout the county, state and nation. Staff development initiatives are aligned with the common collaborative work of our constituents and are continuously evaluated to discern the impact on students' achievement and school improvement.

The WISD Technology Services pages on our website also provide access to both instructional and administrative technology support services to schools in our service area.

Section 11: Infrastructure Needs/Technical Specification, and Design

WISD provides cooperative services to assist districts in utilizing technology in all aspects of school operations, facilitating the efficient and effective use of human, print, electronic, and interactive state-of-the-art instructional and administrative resources, [Appendix C](#).

Hardware

The WISD evaluates, purchases, implements and supports educational hardware necessary to meet our technology plan goals and objectives. Hardware acquisition is based on board policies which are made via an approved open bidding process or from state wide technology bids. Following is a table that lists the hardware currently used by the WISD to enhance teaching and learning for student achievement:

Table 1

HARDWARE	
Cisco Networking Equipment	Dell Desktops
Novell Servers	Hewlett Packard Laptops
Citrix Servers	Audiovisual/Video bridging equipment
Windows 2003 Servers	Assistive Technology Equipment
Linux Servers	Virtual Servers
Web Servers	Barracuda SPAM Filter

Software

The WISD purchases, deploys and hosts Application Software for use by the constituent local school districts and WISD personnel. All software purchases are evaluated based on interoperability with existing hardware and software used by the WISD and the local districts. Software acquisition is based on board policies which are made via an approved open bidding process or from state wide technology bids. Following is the Application Software used by the WISD for administrative and educational purposes:

Table 2

SOFTWARE				
Productivity	Communication	Applications	Systems	Management
MS Office Suite	Novell Groupwise	AVG	Citrix	ZenWorks
MS Project	E-term Emulator	Content Filtering	Windows2008	Drive Image Pro
BoardMaker	IE	SPAM Filtering	Windows 7	What's Up
Adobe Photoshop	Hummingbird FTP	Schools:OPEN	OSX for Macs	Etherpeek
Publisher		PowerSchool	Linux	Observer
Assistive Technology Applications		Follett		CMC
Writing w/Symbols		GroupLink CCE		Console 1

The local school district personnel remotely access some of the above software applications and associated databases through secure connections set up and maintained by the WISD. The WISD is responsible for maintaining the server, the server's security and access rights, application updates, and backups of the databases.

Wide Area Network (WAN)

Educators and students rely on WISD for leadership and demonstration of applications for the latest generation of technology. Through the operation of our school fiber network, WISD provides for and supports the infrastructure needed for local districts and schools to have reliable high-speed internet connections. As the intermediary ISP for our local districts, WISD manages all the (class C) IP address assignments for each of the local districts connected to the network, [Appendix D](#)

In addition, the WISD is the primary contact for internet related issues and provides network management and control services for our local districts. WISD manages an Excinda network management tool that provides the ability to manage our bandwidth proactively while providing our districts with reports of individual usage. This has been an invaluable tool in determining our bandwidth contract purchases and in providing the WISD with immediate views of network utilization summaries.

Telecommunications

WISD provides telecommunications systems, including cell phones and pagers for educational and security purposes, that administrators and other staff use to communicate with parents, students and the community.

Management Systems

The WISD provides consolidated services to assist districts with business and administrative functions. Administrative service partnerships maximize the resources available to the public schools in the county. Consolidated services include financial and human resources applications (Schools: OPEN), student management system (PowerSchool), windows update servers, web hosting for secure applications and other smaller management systems.

Future Technology Needs

Future technology needs include building a database management system that is able to respond to local, county, state, and federal reporting requirements and a just in time video delivery system for classroom instruction across the county. Plans are in progress to install SIF compliance appliances with the intent to create a data warehouse for the county to manage data needs such as student information and assessment information to aid in student achievement.

Section 12: Increase Access

WISD facilitates the use of instructional applications of technology to improve student achievement. This instructional support technology is made available to all students in all local public schools through outreach programs including assistive technology, distance learning and interactive networks.

Widening Advancement for Youth (WAY) Washtenaw

WAY Washtenaw is a county pilot program designed to provide a technology-rich, online, project-based learning environment for students who are enrolled in the program. This year-round educational program targets students who are 16-19 years old and are at risk of not graduating with their cohort. Students in this program are provided and have access to a computer workstation and Internet connectivity at their homes and must determine their own pace and how they will accomplish their learning activities. The pilot program began in the Fall of 2010 and will be carefully evaluated for effectiveness in achieving our objectives.

Assistive Technology

WISD offers comprehensive assistive technology services to students, parents, local districts, staff, and community agencies. WISD services include a lending library of assistive technology devices and software, workshops and trainings to build capacity, consultation to local district teams, development of innovative initiatives to provide access to the curriculum for all students (e.g. Universal Design, STELA), as well as links to local, regional, statewide and national assistive technology resources.

MI Streamnet

The WISD is a member of MI Streamnet, a collaborative effort with REMC, Apple, Inc. and MERIT. This distributed video-streaming network enhances the capacity of the REMC Association to provide constituents with increased access to video-streaming resources as a means of enriching teaching and learning in Michigan schools.

Virtual Machine Technology

WISD provides classes and consulting for our local school districts on the use of Virtual Machine Technology. Virtual Machine technology has the ability to run several servers on a single physical hardware platform. By using VMware free software we have helped to eliminate even more of the cost that once would have been passed on to the local district for this technology.

Michigan Virtual High School

The Michigan Virtual High School (MVHS) is an online resource that enables Michigan high schools to provide courses (all taught by certified teachers) and other learning tools that students wouldn't otherwise have access to.

Michigan e-Library (MeL)

This resource is available both at school and at home. MeL is the Michigan eLibrary, an anywhere, anytime library for Michigan residents. MeL contains magazine, newspaper and journal articles, books, and evaluated Web sites. MeL can be used by any citizen of the state at no charge 24 hours/day.

Moodle

An open source, online course system that allows teachers to build courses that can be accessed anywhere at anytime. Using the WISD as its central access location, a Moodle server system is provided for districts in Washtenaw and Livingston counties. Each district can configure their portion of the Moodle server independent of other districts, utilizing their own administrators, users, themes and course offerings. The WISD provides training and templates for courses to local district staff and coordinates new uses and collaboration between all the districts.

Grolier Online Encyclopedia

This resource is an online encyclopedia made available to both teachers and students and can be accessed at school and at home. All public school districts in Washtenaw and Livingston Counties, and many of our charter and private schools, have secure access to this service.

Follett Destiny On-line Catalog - Through the use of this Assistive Technology Lending Library, assistive technology tools and resources are available for trial purposes through the WISD. Users are provided a log-in account which enables them to view available resources on-line by clicking on "Search the Catalog" and entering keywords or clicking on "Browse the Assistive Technology Collection by Category".

Section 13: Budget and Timetable

WISD allocates resources to develop the agency capacity to implement our technology plan and allocates resources to local school districts and buildings in a way that is consistent with promoting the vision and the resulting partnership plans.

Funding for this three year technology plan will come from a combination of sources including state and local funds. For budgets and timelines associated with each goal, objective, strategy and action plan for implementing this three year plan, see appendixes. The following table details the estimated costs to implement this three year technology plan:

Table 3

LINE ITEMS	YEAR 1 2011-12	YEAR 2 2012-2013	YEAR 3 2013-2014
<u>Funding Sources:</u>			
General Funding	\$1,501,664.00	\$1,701,580.40	\$1,802,638.44
Grant Funding			
E-rate Funding	\$110,000.00	\$110,000.00	\$110,000.00
Total Funding Sources:	\$1,611,664.00	\$1,811,580.40	\$1,912,638.44
<u>Expenditures:</u>			
Communication-Phone/Fax	\$50,000.00	\$50,000.00	\$50,000.00
Computer Supplies	\$25,000.00	\$27,000.00	\$30,000.00
Contracted Services	\$40,000.00	\$45,000.00	\$50,000.00
Copy Paper	\$1,500.00	\$1,500.00	\$1,500.00
Hardware Upgrades	\$75,000.00	\$80,000.00	\$85,000.00
Internet	\$54,000.00	\$54,000.00	\$54,000.00
Library Media Materials	\$2,500.00	\$2,500.00	\$2,500.00
Maintenance Contracts	\$300,000.00	\$310,000.00	\$325,000.00
Professional Development	\$10,000.00	\$10,000.00	\$10,000.00
Printed Materials and Costs	\$2,000.00	\$2,000.00	\$2,000.00
Repair Equip./Maintenance	\$10,000.00	\$11,000.00	\$12,000.00
Office Supplies	\$2,000.00	\$2,500.00	\$3,000.00
Software	\$25,000.00	\$100,000.00	\$60,000.00
Subscriptions	\$500.00	\$500.00	\$500.00
Technology Staffing	\$1,014,164.00	\$1,115,580.40	\$1,227,138.44
Total Expenditures:	\$1,611,664.00	\$1,811,580.40	\$1,912,638.44

Section 14: Coordination of Resources

Through cooperative fiscal planning with local constituents, the districts develop plans to meet the need for adequate stable funding to implement a high quality, public education system in Washtenaw County.

Grants

Whenever possible, state and local grant funds will be used to pilot and evaluate technology implementation of new “emerging” technologies and/or experimental elements of the plan. In some instances, grant funds will be used to allow WISD to collaborate on development, training or programming to maximize long-range institutionalization of the best teaching and learning practices. Grant funding has been used to purchase assistive technology equipment to aid in the instruction of special needs students.

USF E-rate

WISD has applied for and will continue applying for funding through the USF E-rate Program, which is a federal program created to provide discount reimbursements and assist most schools and libraries with obtaining affordable technologies, including telecommunications and Internet access. The discounts reimbursements are based on an individual schools’ enrollment in the National School Lunch Program (NSLP). WISD anticipates obtaining \$110,000 annual average reimbursement from the E-rate program for telecommunication services and internet access..

Section 15: Evaluation

WISD Technology Plan

To assist with evaluating the success of the goals stated in the plan, an advisory group composed of WISD staff, local districts, community businesses, local colleges and other groups as appropriate will meet periodically to determine any necessary corrections to the goals, objectives/action plans that may have not been met.

Due to the nature of changing technology, this three year technology plan covers the program years (i.e., school year) beginning in PY2008 through PY2011. Adjustments to this plan are made as technology changes; however, the premise on which the plan is built will remain essentially the same.

Student Assessments

WISD builds the capacity to measure and communicate the accomplishment of students through the development and implementation of a comprehensive system of balanced assessment. This assessment system is designed to inform instruction and to communicate the progress and challenges of public education to the community. Our overall objective is to establish high expectations for assessing and reporting student results in terms of the Washtenaw County Common Expectations. For details regarding Washtenaw County Common Expectations, visit <http://www.wash.k12.mi.us/files/TNL/Assess900.pdf> for more information.

In addition to the Washtenaw County Common Expectations, the Michigan Educational Assessment Program (MEAP), a statewide educational assessment program, and the new requirements of the No Child Left Behind Act (NCLB) require that the extent of each school’s ability to meet Adequate Yearly Progress (AYP) is measured and monitored for student

achievement. The WISD complies with these requirements and has the results of the MEAP tests posted on our website, <http://www.wash.k12.mi.us/about/meapresults.cfm>.

The monitoring of Special Education is a system designed by the federal government to ensure that special education programs and services are being delivered according to the requirements of IDEA 97. WISD monitors its local districts and public school academies on a yearly basis. The monitoring involves a number of steps including the review of student files, performing administrative and form reviews and conducting random parent surveys. The district receives a report of violations and actions needed to resolve the problems.

Other assessments currently in use by the WISD include NWEA, Degrees of Reading, High School Exit Surveys and Data Director. Continued development of formative assessment tools is ongoing with the goal of providing additional assessment tools that measure student achievement.

Section 16: Acceptable Use Policy

In addition to the filtering resources described below, WISD has a comprehensive Acceptable Use Policy (AUP) for both student and staff use of technology. At the beginning of each school year, students and staff are made aware of the AUP and must sign an internet use agreement before they are allowed access to the Internet, [Appendix F](#).

CIPA Compliance

The WISD has and will continue to comply with the requirements of the Children's Internet Protection Act, as codified at 47 U.S.C. § 254(h) and (l). WISD is committed to assuring the safe conduct of all students while online and has a comprehensive policy about the proper use of our technological resources,

Filter Efforts

It is the WISD's intent to preserve network bandwidth and improve network response times by limiting Internet access to educational-related sites. The WISD owns and operates a Barracuda Spam and Virus Filter that services the local constituent school districts. All inbound mail flowing to participating district mail servers is first filtered through the Barracuda filter for spam and known viruses. Also, each local school district has the ability to access and manage other filters they may wish to apply to their networks and internet safety tips are posted on the WISD website for our community of users <http://www.wash.k12.mi.us/techservices/internetsafe.cfm>.

In the Fall, 2007, and on recommendation from the Washtenaw County School Superintendents, an Internet Content Filtering partnership initiative began. This partnership includes a county wide committee that will make recommendations on what will be filtered at the county level. This committee will consist of a representative(s) from each local district and the WISD. To this end, the 8e6 content filtering device was installed with an annual subscription for all of the districts in Washtenaw County.

Appendix A: Curriculum Integration

PY2011 through PY2014				
Area:	Curriculum Integration			
Goal:	<i>To provide and support technology-enabled teaching and learning opportunities consistent with the WISD Purpose and Principles and Washtenaw County Common Assessments.</i>			
Objective:	Create mechanisms to assist teachers in the integration of technology into the curriculum.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	In conjunction with community groups, identify technology resources that will enhance the efforts of the adult literacy groups.	Ongoing	Ongoing	
	Task 1: In conjunction with local districts, make contacts with community groups to determine how technology can enhance their efforts.	Jul 07	Sept 09	
	Task 2: In conjunction with a county-wide digital divide task force, develop a plan to provide computers and training to the adult population to reduce the digital divide	Jul 07	Sept 09	
	Task 3: Obtain grants funding to support the pilot project.	Ongoing	Ongoing	
B.	Explore programs to bring technology certification and experiences to high school students in the county in conjunction with EMU, the Early College Alliance and Community College	Ongoing	Ongoing	\$10,000
C.	Implement the use of online courses in the local districts (e.g. Virtual High School)	Ongoing	Ongoing	
D.	Expand the use of video streaming (United Streaming) video clips for teachers and students as a classroom resource creating and review own contents	Ongoing	Ongoing	
E.	Further expand the use of streaming video server for hosting media; both live streaming and archives.	Ongoing	Ongoing	
F.	Seek more involvement from local districts in Video Conference activities.	Ongoing	Ongoing	
G.	Investigate cost effective video conference bridge alternatives to bring low cost videoconferencing to local districts.	Sept 08	Sept 10	\$40,000
H.	Create an International Baccalaureate High School program	Jan 11	Sept 12	\$250,000
I.	Implement Cyber School for nontraditional students	July 10	Sept 11	\$289,000
Total Cost:				\$589,000

Appendix B: Professional Development

PY2011 through PY2014				
Area:	Professional Development/Training			
Goal:	<i>To provide and support appropriate and relevant technology related professional development and training for WISD and constituent local school district staff.</i>			
Objective:	Develop technology related professional development experiences for WISD and constituent local school district staff.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Outline professional development experiences for agency staff including structured classes, user Groups and other alternatives.			\$25,000
	Task 1: For agency staff, develop a skill assessment to ascertain the types of training required.	Ongoing	Ongoing	
	Task 2: Develop appropriate training programs for agency staff in applications used by the ISD.	Ongoing	Ongoing	
	Task 3: Assess the needs of the local district professional development through the Teaching and Learning Conference to establish professional development opportunities that address these needs.	Ongoing	Ongoing	
	Task 4: Create and support a grass roots effort of teachers who are utilizing technology and allow the opportunity to share and assist each other.	Ongoing	Ongoing	
	Task 5: Create monthly user groups focused on particular types of applications where users can share.	Ongoing	Ongoing	
B.	Develop a plan to provide professional development to local staff utilizing Web technology including conferencing, on-line help materials and other interactive experiences.			
	Task 1: Develop and implement mechanism to provide professional development using Web technology.	July 09	June 11	
	Task 2: Establish a group of professional development providers, technology staff and other appropriate individuals to develop a prototype for this objective.	Ongoing	Ongoing	\$25,000

STRATEGY	ACTION PLANS	START DATE	COMPETE DATE	BUDGET
C.	Explore the use of teleconferencing and interactive television to deliver professional development to agency and local district staff.			\$20,000
	Task 1: Obtain funding to provide professional development using teleconferencing and interactive television technology.	Jan 09	Dec 10	
	Task 2: Establish a group of professional development providers, technology staff and other appropriate individuals to develop a prototype for this objective	Jan 09	Dec 10	
	Task 3: Develop a pilot project to test the method of utilizing teleconferencing/interactive television technology to provide professional development activities at the local district.	Dec 09	Dec 10	
D.	Through the use of technology, move professional development from a centralized location at the ISD to a decentralized model using local district locations.	Ongoing	Ongoing	
E.	Develop specialized agency training for tasks specific to individual jobs.	Ongoing	Ongoing	\$25,000
F.	Develop online training materials for common applications using various technologies (e.g, video, pod casts)	Ongoing	Ongoing	\$25,000
Total Cost:				\$120,000

Appendix C: Infrastructure, Hardware, Technical Support, and Software

PY2011 through PY2014				
Area:	Technical Infrastructure and Support - Network			
Goal:	<i>Provide and support equitable and sustainable educational technology, including virtual learning technologies that enhance teaching and learning for improving student achievement.</i>			
Objective:	Develop a stable fiber network infrastructure that will support voice, data, video, and internet connectivity for the county.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Maintain and expand a stable pervasive fiber network backbone throughout the county to ensure appropriate support for voice, data, video and internet.	Ongoing	Ongoing	\$500,000
	Task 1: Maintain fiber backbone throughout the county.	Ongoing	Ongoing	
	Task 2: Annually revise and review a collaborative agreement with the local school districts for the management of the fiber network.	Ongoing	Ongoing	
	Task 3: Create and implement a support mechanism for the countywide fiber backbone – review annually.	Ongoing	Ongoing	
	Task 4: Maintain and upgrade hardware for bandwidth management, measurement and better security for local districts Internet access.	Ongoing	Ongoing	
	Task 5: Review and determine annual bandwidth usage needs for county local school districts.	Ongoing	Ongoing	
	Task 6: Continue to upgrade bandwidth as needed	Ongoing	Ongoing	
	Task 7: Replace local district equipment as necessary to enhance bandwidth capabilities.	Ongoing	Ongoing	
	Task 8: Plan and create redundancy for the county wide WAN	July 08	Dec 10	
	Task 9: Plan to interconnect county wide Wan to other educational institutions and partners as needed	Sept 09	June 11	
	Task 10: Investigate the feasibility and cost implications for VOIP through the county WAN	Sept 10	June 11	
	Task 11: Interconnect Washtenaw and Livingston County fiber networks to promote collaboration	May 11	Sept 12	\$25,000

STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
B.	Plan and develop an infrastructure that will support the video needs of the agency and county over the next three years as identified through long range planning activities.			\$50,000
	Task 1: Review the video needs of the agency and county for interactive television over the next three years and ensure the capabilities are available including satellite downlinks, interactive video web streaming and incorporate new technologies.	July 09	June 11	
	Task 2: Create a countywide group to develop a plan for distance learning activities in the future.	Ongoing	Ongoing	
	Task 3: Develop collaborative relationships with other entities such as WCC, EMU, and content providers for distance learning activities.	Sept 09	Ongoing	
	Task 4: Collaborate with REMC to further expand state-wide web streaming.	Ongoing	Ongoing	
	Task 5: Determine distance learning initiatives for the agency and implement as necessary for county wide use.	Ongoing	Ongoing	

Total Cost:

\$575,000

Area:	Technical Infrastructure and Support - Online Resources			
Goal:	<i>Provide and support equitable and sustainable educational technology, including virtual learning technologies that enhance teaching and learning for improving student achievement.</i>			
Objective:	Assess and enhance the current WISD internal wiring plant for distribution of video, data, voice and cable broadcasts.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Assess current video and audio wiring and upgrade as needed.	Ongoing	Ongoing	\$10,000
B.	Expand wireless capabilities through the agency as needed.	Ongoing	Ongoing	\$10,000
C.	Expand digital resources as needed	Ongoing	Ongoing	\$50,000
D.	Expand video distribution mechanisms as needed for providing classroom resources	Ongoing	Ongoing	\$20,000
E.	Continuously assess data wiring needs for the agency.	Ongoing	Ongoing	
F.	Refine the 8e6 content filtering for the county wide system	Ongoing	Ongoing	
G.	Expand the provision of network management and consulting for local districts	March 08	Ongoing	
H.	Refine the SPAM/Virus filtering county wide system	Ongoing	Ongoing	\$50,000

Total Cost:

\$140,000

Area:	Technical Infrastructure and Support - Hardware			
Goal:	<i>Provide and support equitable and sustainable educational technology, including virtual learning technologies that enhance teaching and learning for improving student achievement.</i>			
Objective:	Develop a hardware plan that will support the WISD technology needs over the next three years.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Develop standardized workstation and peripheral configurations for the agency and install as needed.			\$250,000
	Task 1: Install workstations to the current desktop and laptop configuration standards.	Ongoing	Ongoing	
	Task 2: Develop a plan to phase out older workstations and integrate new ones on a regular replacement cycle. 6-7 years utilizing Citrix	Ongoing	Ongoing	
	Task 3: Review print service and color printing needs	Ongoing	Ongoing	
	Task 4: Review annually to standardize and purchase digital cameras for use in multi-media classroom settings and develop the appropriate training and check out procedure for the equipment.	Ongoing	Ongoing	
	Task 5: Review necessary video editing needs and implement technology for classrooms as needed.	Ongoing	Ongoing	
B.	Develop and maintain an new asset management system for WISD equipment.	June 08	July 09	\$15,000
C.	Develop a hardware replacement plan for the agency including workstations, peripherals and other technology equipment.			
	Task 1: Involving each separate department of the agency, develop a replacement and funding plan that will allow for the replacement of workstations and peripherals on a 6-7year cycle.	Annually	Annually	
	Task 2: Explore possible grant funding to achieve the distance learning needs of the agency.	Ongoing	Ongoing	
	Task 3: Develop replacement plan for Citrix servers.	July 08	June 08	\$25,000
D.	Upgrade computer lab facility.			
	Task 1: Upgrade distance learning capabilities in the technology lab.	Ongoing	Ongoing	
	Task 2: Using Citrix, develop a software distribution system to maintain technology lab.	Sept 08	Feb 09	
	Task 3: Plan and recommend an upgrade path to ensure the technology lab remains state of the art.	Ongoing	Ongoing	\$20,000
	Task 4: Plan for replacement of content and SPAM filters as needed	Ongoing	Ongoing	\$35,000
E.	Plan and implement a plan for web servers to host local district and other agency web content	Sept 10	June 11	
Total Cost:				\$345,000

Area:	Technical Infrastructure and Support - Software			
Goal:	<i>Provide and support equitable and sustainable educational technology, including virtual learning technologies that enhance teaching and learning for improving student achievement.</i>			
Objective:	Develop a software applications plan that will support the WISD technology needs over the next three years.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Develop a standardized application suite for the agency in support of its technology needs.			\$30,000
	Task 1: In conjunction with the ISD and local district staff, develop the applications suite to be used by the agency keeping in mind open systems and interoperability between applications.	Ongoing	Ongoing	
	<i>Productivity:</i> Microsoft Office suite, Assistive Technology Applications, Adobe Photoshop, Microsoft Project, Publisher, Boardmaker, Writing With Symbols			
	<i>Communication:</i> Exchange, E-term emulator, IE, Hummingbird FTP			
	<i>Applications:</i> Content Filtering, SPAM filtering, Schools:OPEN, PowerSchool, Medianet			
	<i>Virus Protection:</i> AVG and Virex			
	<i>System Software:</i> Windows 7, OSX for the Macs, Citrix, Linux, VMS as needed			
<i>Management:</i> Zen Works, Drive Image Pro, What's Up, Etherpeek, Observer, CMC, Console 1				
Task 2: Review and evaluate other software applications for interoperability with existing supported software.	Ongoing	Ongoing		
Task 3: A standard desktop image for the average user and one for the technology lab will be developed and installed to better manage the workstations and provide more efficient end user support. Drive Image Pro software Zen Works and remote control will be used to complete this task.	Jun-06	Ongoing		
Task 4: Develop communications process to inform agency users of the desktop changes and responsibilities for maintaining unsupported agency software applications.	Ongoing	Ongoing		
B.	Review, recommend and implement replacement applications for existing systems as needed			\$50,000
	Task 1: Review functional long term needs for specific applications (e.g., staff development registration, video collection check out) and develop plans to migrate current applications to those which provide the best functionality in an open systems environment.	Annually	Annually	
	Task 2: Continuously review existing software and recommend alternatives that are cost effective and efficient as needed.	Ongoing	Ongoing	

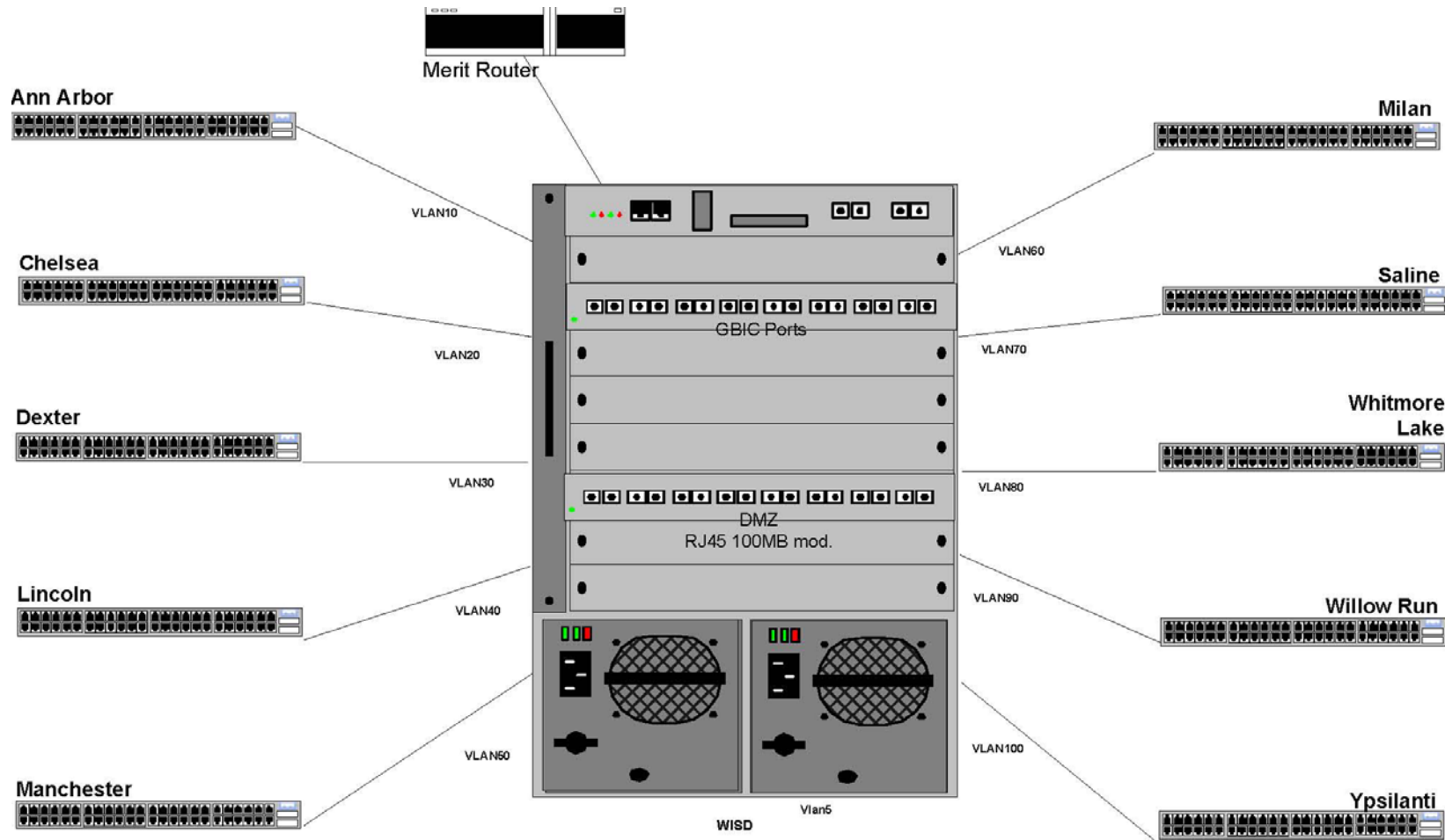
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
C.	Recommend and implement new applications to enhance long term directions of the agency.			\$200,000
	Task 1: Through the annual long range planning process, match technology to the areas/objectives that can enhance the overall goals of the agency.	Annually	Annually	
	Task 2: Review system and user software applications and recommend replacements as needed, keeping in mind a direction of open systems and interoperability.	Ongoing	Ongoing	
D.	Develop a mechanism to track software licensing and use metering applications software to reduce costs and improve license compliance.			\$20,000
	Task 1: Annually ensure software and appropriate licenses are on file.	Ongoing	Ongoing	
	Task 2: Implement Citrix metering software to maintain appropriate licensing and reduce the overall costs of software by sharing/limiting the number of users that can access an application at the same time.	Ongoing	Ongoing	
E.	Update and maintain the WISD Web presence.			\$200,000
	Task 1: Maintain the Web presence for the agency.	Ongoing	Ongoing	
	Task 2: Review Web software to be used, hardware platform, etc.	Ongoing	Ongoing	
	Task 3: Continue working with each individual department to assist in the development of specific pages.	Ongoing	Ongoing	
	Task 4: Train additional people in each department in the publishing of information.	Ongoing	Ongoing	
	Task 5: Develop and implement web database ACCESS system for agency employees and district-wide customers.	July09	June 10	
F.	Expand consolidated county wide services			\$75,000
	Task 1: Identify county wide consolidated application services	Ongoing	Ongoing	
	Task 2: Implement consolidated services as identified.	Ongoing	Ongoing	
Total Cost:				\$575,000

Area:	Technical Infrastructure and Support - Technical Support Model			
Goal:	<i>Provide and support equitable and sustainable educational technology, including virtual learning technologies that enhance teaching and learning for improving student achievement.</i>			
Objective:	Develop, implement and maintain a support model for the technology services of the WISD, constituent districts and out-center classrooms.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Continue to refine a technical support model for the agency and local districts as well as specialized back up for the locals and out centers as needed.			
	Task 1: Review current end user support model and make adjustments as needed on a regular basis.	Annually	Annually	
B.	Develop and implement a standardized back-up, hardware maintenance and system downtime process to create a fault tolerant computer environment.	Ongoing	Ongoing	
	Task 1: Review emergency shutdown procedures.	Annually	Annually	
	Task 2: Test emergency power backup system.	Annually	Annually	
	Task 3: Refine disaster recovery plan	Annually	Annually	
	Task 4: Explore and plan for off site disaster recovery options	Nov 08	Dec 10	\$50,000
Total Cost:				\$50,000

Area:	Technical Infrastructure and Support - Administrative Services			
Goal:	<i>Provide and support equitable and sustainable educational technology, including virtual learning technologies that enhance teaching and learning for improving student achievement.</i>			
Objective:	Install administrative systems that will allow the agency to better manage its financial and student information while making it easier to share information among local districts.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Review agency financial administrative systems on a regular basis to ensure that they are meeting the needs of the agency.	Annual	Annual	
B.	Develop and implement a county wide plan for data warehousing information to ensure appropriate data is available for decision making.	Jan 08	Dec 10	\$200,000
	Task 1: Install SIF appliances	Dec 10	June 11	
C.	Review all student management information systems and make recommendations on more efficient methods of maintaining and reporting necessary information.	Ongoing	Ongoing	
	Task 1: Review current applications for general and special education to recommend ways to integrate systems.	Ongoing	Ongoing	
	Task 2: Implement and maintain PowerSchool student management systems	Dec 07	Ongoing	

STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
D.	Assess the functionality needs for Individualized Educational Plans (IEPs) and recommend application management systems as appropriate.	Jan 10	Dec 11	\$250,000
E.	Review current student assessment mechanisms and plan for ongoing assessments including data storage	June 08	Dec 10	\$100,000
F.	Explore document imaging for agency and county wide use.	Jan 08	March 09	
Total Cost:				\$550,000

Appendix D: Wide Area Network (WAN) Diagram



Washtenaw ISD Cisco 6509 All district routers Cisco 3560 11/29/2007 WISD WAN w/o class C old

Appendix E: Monitoring and Evaluation

PY2011 through PY2014				
Area:	Monitoring and Evaluation - Student Achievement			
Goal:	<i>Monitor and evaluate the success of achieving the objectives of this plan and provide a method for making midcourse corrections to any unmet goals.</i>			
Objective:	Evaluate the extent to which the county wide services provided to local districts are effective for constituents in reaching both state and national academic standards.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Inventory current student assessments of achievement	March 08	August 08	
B.	In conjunction with local districts, plan and implement additional county wide student assessment services for ongoing assessment of student achievement.	Sept 08	August 10	\$50,000
C.	Provide training for local district constituents in data analysis and interpretation	Ongoing	Ongoing	
Total Cost:				\$50,000
Area:	Monitoring and Evaluation - Technology Plan Goals			
Goal:	<i>Monitor and evaluate the success of achieving the objectives of this plan and provide a method for making midcourse corrections to any unmet goals.</i>			
Objective:	Evaluate the extent to which the WISD is effective in reaching the technology plan goals stated in the plan.			
STRATEGY	ACTION PLANS	START DATE	COMPLETE DATE	BUDGET
A.	Develop a structure evaluating the plan's effectiveness as it relates to county activities including people, process and reporting.	Ongoing	Ongoing	\$25,000
	Task 1: Prepare monthly reports on the availability of Internet access.	Ongoing	Ongoing	
	Task 2: Review data on types, frequency and participants in professional development activities offered by the agency.	Ongoing	Ongoing	
	Task 3: Review and report data on the local use of the United Streaming video streaming project implemented by REMC.	Annually	Annually	
	Task 4: Review, report and adjust the process for WISD participation in MISTreatment.	Annually	Annually	
	Task 5: Review the key measures being evaluated to allow for adjustments to the technology plan goals, objectives, strategies or action plans.	Annually	Annually	
	Task 6: Following annual review of key evaluation components, adjust plan as necessary to address unmet local district needs including program and infrastructure changes.	Annually	Annually	
Total Cost:				\$25,000

Appendix F: Acceptable Use Policy (AUP)

IJN-R

Network and Internet Access & Acceptable Use Rules Washtenaw Intermediate School District

Acceptable Use Agreement

The purpose of this agreement is to provide access to Technology for educational purposes to the staff and students. As such, this access will (1) assist in the collaboration and exchange of information, (2) increase productivity, efficiency and effectiveness of employees/students, and (3) enhance information gathering and communication skills. Technology resources are to support the instructional/administrative programs and operations, telecommunications, general information WISD. The intent of this agreement is to ensure that the Employee/Student will comply with all the acceptable use policies. In exchange for the use of the WISD resources, I understand and agree to the following.

- A. The use of technology is a privilege, which may be revoked by the District. Appropriate reasons for revoking privileges include, but are not limited to, the altering of system software, or introduction of harmful programs on or through the computer system in either public or private files or messages. The District reserves the right to remove files; limit or deny access.
- B. The District may require demonstrated proficiency on district technology prior to authorizing use.
- C. The District reserves all rights to any material stored in files and will remove any material which the District, as its sole discretion, believes may be unlawful, obscene, pornographic, or discriminatory. An Employee/Student will not use his/her District approved computer access to create, obtain, view, download, or otherwise gain access to such materials.
- D. Technology resources are intended for the official District business use by its registered users and any use of these resources for commercial-for-profit or other unauthorized purposes (i.e. advertisements, political lobbying not authorized by the district), in any form is expressly forbidden.
- E. The District resources are intended for the exclusive use by their registered users. The Employee/Student is responsible for the use of his/her account/password and/or access privilege. Use of an account by someone other than the registered account holder is prohibited.
- F. Misuse of the account may result in suspension of account privileges and/or other disciplinary action determined by the District. Misuse shall include, but not be limited to, seeking information on, obtaining copies of, or modifying files, other data, or passwords belonging to others or misrepresenting oneself as another user; disrupting the operation of the technology through abuse of the hardware or software and/or interfering with others' use of the technology; illegal installation of copyrighted software or unauthorized downloading, copying, or use of licensed or copyrighted software (See addendum).
- G. The District does not warrant that the functions of technology 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.
- H. The District reserves the right to monitor computer use and fileserver space utilization by users and reserves the right to remove user accounts.
- I. The District agrees that in the event an employee/student is disciplined due to a violation of this agreement, it will provide access to all information gathered or recovered by the District to facilitate processing a grievance, including any deleted files recoverable by the District.
- J. Employee/students may not disclose, use and disseminate personal identification information regarding minors via the Internet.

K. In compliance with the Children’s Internet Protection Act (CIPA) and Michigan PA212, the agency may filter Internet access that protects children from child pornography, obscene materials or materials harmful to minors, and adults from child pornography and obscene materials at schools and libraries.

L. **Students:** The following activities are prohibited under this agreement.

- a) Access to inappropriate materials on the Internet and the Web.
- b) Unauthorized disclosure, use and dissemination of personal identification information when using the Internet including electronic communications such as e-mail and chat rooms.
- c) Unauthorized access, including “hacking”, and other unlawful activities.

In consideration for the privilege of using District Technology, and in consideration for having access to the information contained on the Network, I hereby release the District, the Network operators and administration from any and all claims of any nature arising from my use, or inability to use technology resources. I agree to abide by such rules and regulation of system usage as may be further added from time to time by WISD.

Signature of Staff Member _____ Date _____

Printed Name of Staff Member _____

Signature of Student&/or Guardian _____ Date _____

Printed Name of Student&/or Guardian _____

Date: 10/17/05