

CERTIFICATION OF SCHOOL TECHNOLOGY PLAN



PRESENTED TO
2855, Mississinewa Community School Corp
7/1/2013 - 6/30/2016

The above referenced school corporation's technology plan is hereby certified for purposes of participation in the Universal Service Fund (USF) discount program. This means that the technology plan meets or exceeds the requirements set forth by the Schools and Libraries Division of the Universal Services Administrative Company (USAC).* The plan includes:

- Clear goals and a realistic strategy for using telecommunications and information technology to improve education;
- A professional development strategy that ensures staff know how to use the technologies to improve education;
- An assessment of the telecommunications services, hardware, software, and other services that will be needed to implement the strategy;
- Provisions for sufficient budget to acquire and maintain the hardware, software, professional development, and other services needed to implement the strategy; and
- Evaluation processes designed to monitor progress toward the specified goals and that allow mid-course corrections in response to developments and opportunities.

A handwritten signature in black ink that reads "Joshua Towns".

Joshua Towns, Director of Information Technology

May 17, 2013



The Technology Plan for Mississinewa Community School Corp (2855)
Approved Original Plan effective 7/1/2013 to 6/30/2016

Primary Contact

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Section I: Corporation Technology Trends Survey

Corporation Technology Policies

1. What is your district policy involving student-owned cell phones?
 - We have no policies regarding student-owned cell phones.**
 - Policy generally prohibits student use of cell phones during school hours.
 - Policy allows limited student use of cell phone for non-instructional purposes.
 - Policy allows limited student use of cell phones including use for instructional purposes.
2. What if any social media are you formally using as a school corporation? (Check all that apply.)
 - No formal use**
 - Facebook
 - MySpace
 - Twitter
 - Other
3. Which best describes your corporation's stance toward providing/sanctioning teacher web pages or a class web sites?
 - Corporation does not provide/sanction a service for teacher web pages
 - Google Sites
 - Word Press
 - School Wires
 - Learning Connection
 - Edline
 - Teacher Web
 - Corporation provides a locally developed option for teacher pages**
 - Corporation's Learning Management System or Student Information System
 - Corporation provides/sanctions a variety of services
4. Which of the following best describes the corporation's provision of wireless network access (LANS) for end users?
 - None of our schools have wireless access
 - Some schools (= 50%) have wireless access
 - Most schools (> 50%) have wireless access
 - All schools (100%) have wireless access**
5. On your school campus or campuses, what devices does your corporation allow to access the school network?
 - School-owned or Provided Devices**
 - Teacher/staff owned**
 - Student/parent owned**
 - Guest owned**
6. Which of the following options describe the kinds of access parents and students in your corporation have to the following online services. (Check all that apply.)
 - Class assignments and grades. If yes, using what technology? Powerschool**
 - Digital curricular content (e.g. subscription-based services, online content collections) If yes, using what technology?
 - Historical information about students including performance data from prior years (e.g., ISTEP+, grades, local assessment scores) If yes, using what technology? Powerschool**
 - No such services are provided

7. Which of the following option(s) describe(s) your district's current position with regard to student e-mail. (Check all that apply.)
- Corporation does not provide student e-mail at any level or allow for use of personal e-mail for learning purposes.
 - Corporation does not provide student e-mail at any level but students may use personal e-mail for learning purposes.
 - Corporation provides student e-mail accounts for some portion of elementary (K-5) students? If yes, using what technology?
 - Corporation provides student e-mail accounts for some portion of secondary (6-12) students? If yes, using what technology?

8. Computer Labs

- How many stationary labs do you have? 10
- What is the average number of computers per lab? 28
- How many mobile labs (e.g. COWs)? 16
- What is the average number of computers per mobile lab? 20

9. **Non-lab computers for student use:**

On average, how many internet capable devices are available in classrooms for students to use?

	Number of classroom devices available for student use (Select)	What types of devices? Check all that apply
Kindergarten	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
1st Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input checked="" type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
2nd Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input checked="" type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
3rd Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input checked="" type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
4th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input checked="" type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
5th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input checked="" type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch

6th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input checked="" type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
7th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input checked="" type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
8th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input checked="" type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
9th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
10th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
11th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch
12th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> iTouch

10. **Teacher computers:**

Teachers in our corporation typically have :

- Laptops
- Desktops**
- No dedicated computer

11. **Technology Refresh:**

For each type of device that the corporation provides for student learning indicate (in years) the typical/planned refresh rate. If your corporation does not provide a particular technology, select not provided

- **Desktops** **Greater than or equal to 6 years**
- **Laptops** **Greater than or equal to 6 years**
- **Netbooks** **Greater than or equal to 6 years**
- **iTouches**
- **Cell Phones**

12. Which of the following describe 1-to-1 implementations/structure in your corporation?(Check all that apply.)

We have no 1-to-1 initiatives

Initiatives	Structure of 1-to-1	Corporation provides off-campus Internet access
<input type="checkbox"/> New Tech Implementation	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
■ Grade Level Based	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="checkbox"/> Content Area Based	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
<input type="checkbox"/> Other	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

13. Are you applying for Priority 2 E-Rate discounts in the upcoming year?

- Yes
- No**

Infrastructure Management

14. Corporation Web Site:

Select from the following options to describe the design, technology, and hosting scenarios that best describe your corporation's web site.

Designed by	Technology	Hosting
<input type="radio"/> Students <input type="radio"/> School Staff <input checked="" type="radio"/> Third Party	<input type="radio"/> Primarily HTML <input checked="" type="radio"/> Content Management	<input type="radio"/> Hosted by Corporation <input checked="" type="radio"/> External hosting Service

15. Cloud Computing/Virtualization:

Choose from the following options to describe your corporation's position on utilizing cloud-based services to store data or to provide services? (Check all that apply.)

Currently	Future (Next 12-18 months)
<input type="checkbox"/> Do not use cloud-based services <input type="checkbox"/> Utilize a private (local) cloud <input checked="" type="checkbox"/> Utilize a third-party provider (e.g., Google Docs, Live@edu) <input type="checkbox"/> Have not implemented virtualization <input type="checkbox"/> Utilize virtual servers	<input type="checkbox"/> No plans in this area beyond current use <input type="checkbox"/> Will implement a private cloud <input type="checkbox"/> Will utilize a third-party provider (e.g., Google Docs, Live@edu) <input type="checkbox"/> Will implement virtual servers <input type="checkbox"/> Will implement virtual desktops

16. Shared Services:

Choose from the following options to describe cost saving measures your corporation is taking in the area of technology.

Joint Purchasing	Personnel Sharing	Outsourcing
<input checked="" type="radio"/> Do not purchase assets or services cooperatively <input type="radio"/> Purchase assets or services in cooperation with other corporation, municipalities, etc. (Provide at least 1 example)	<input checked="" type="radio"/> Share no personnel with other entities <input type="radio"/> Share personnel with other corporations, municipalities, etc. (Provide at least 1 example)	<input type="radio"/> Have not outsourced technology services <input checked="" type="radio"/> Outsource some technology services (Provide at least 1 example)
Example(s)	Example(s)	Example(s) copiers

17. Technology Energy Management:

Does your school corporation utilize energy management services to power down/power up and otherwise manage energy consumption of technology resources?

- Yes
 No

18. Bandwidth:

What is the total (from all providers) internet bandwidth at the corporation level (does not include WAN)? megabytes/second (Mbps)

- What is the total (from all providers) internet bandwidth at the corporation level (does not include WAN)? megabytes/second (Mbps)** **78**
- During most recent month of September, what is peak utilization during the school day? megabytes/sec. (Mbps)** **34**
- During most recent month of September, what is the average utilization during the school day? megabytes/sec. (Mbps)** **10**

19. **Software:**

What software packages or services are provided through your school corporation? (Check all that apply.)

Student Management System

- Power School
- Harmony
- STI
- SDS
- Skyward
- Lighthouse
- Other

Office/Productivity Software

- MS Office
- Open Office
- Work Perfect
- Google Docs
- Other

Learning Management System

- Angel
- Blackboard
- Moodle
- Other

Electronic Gradebook

- Gradebook provided through student information system
- Other

Remediation software

- Read 180
- Plato
- Study Island
- Other

20. **Online Instruction:**

Describe your corporation's current utilization of online courses. (Check all that apply.)

This corporation does not utilize online courses and are not currently considering online options

- Currently considering online options
- Offer Advanced Placement online
- Use online courses for credit recovery
- Use online courses for Core 40 courses
- Use online courses for Non-core 40 courses

21. **Digital Curriculum Resources:**

Indicate what digital curriculum resources you are using

Corporation does not provide digital content/curriculum resources to students or teachers.

Company	Product	Description
<i>CTB</i>	<i>Acuity</i>	<i>Prescriptive Diagnostic Testing</i>
<i>Learning Tree</i>	<i>Orchard</i>	<i>Assessment</i>
<i>Renaissance Learning</i>	<i>Waterford</i>	<i>Early Learning</i>
<i>Aleks Corp</i>	<i>Aleks</i>	<i>math remediation</i>

22. **Digital Curriculum as Alternatives to Textbooks:**

For which of the following subjects has the corporation taken advantage of the blanket waiver for textbook adoption by adopting digital content not on the textbook adoption list? (Check all that apply—including for subjects where some courses utilized digital resources but not others.)

Our corporation has not utilized the blanket waiver in order to substitute digital resources for textbooks.

	K	1	2	3	4	5	6	7	8	High School
English/LA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Math	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social Studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. **Textbook and Instructional Material Fees:**

For each of the following grade levels, indicate the most recent per student textbook rental and fees/costs (whole dollars) for non free/reduced lunch students. If the amount varies by school or grade level, please provide a district average.

- a. K \$ \$110
- b. 1 \$ \$111
- c. 2 \$ \$109
- d. 3 \$ \$101
- e. 4 \$ \$87
- f. 5 \$ \$98
- g. 6 \$ \$129
- h. 7 \$ \$134
- i. 8 \$ \$144
- j. High school \$ \$180

24. **Online Assessment:**

What types of computer, online or technology based assessments are used in your school corporation? (Check all that apply)

This corporation does not utilize online or technology-based assessments

ISTEP+

Acuity

Wireless Generation

End of Course Assessments

NWEA

Terra Nova

Local Assessment:

Student and Staff Capacity to Use Technology

25. Technology Standards:

Describe your corporation's approach to technology standards for the following populations.

Students	Teachers	Administrators
<input checked="" type="checkbox"/> <i>Have not formally adopted standards for students</i>	<input checked="" type="checkbox"/> <i>Have not formally adopted standards for teachers</i>	<input checked="" type="checkbox"/> <i>Have not formally adopted standards for administrators</i>

26. Does your school corporation formally address 21st Century Learning Skills in its curriculum?

Yes

No

27. Does your school corporation formally address Information Literacy Standards (AASL) in the curriculum?

Yes

No

28. Keyboarding:

Use the following options to describe your corporation's approach to keyboarding.

Does your school corporation teach computer keyboarding?

Yes

If yes,

Corporation does not require mastery of keyboarding by all students

Corporation requires mastery of keyboarding by grade

No

Section II: Goals, Strategies and Metrics

Introduction to Goals Strategies and Metrics:

Our mission at Mississinewa Community School Corporation is to provide opportunities for staff to integrate quality digital content into an exciting curriculum that challenges students to higher standards. The technology facilitates students in activities that can motivate in-depth/higher order analytical thinking, inspire creativity, stimulate curiosity, and promote innovative skills. Staff development encourages teachers to utilize current technologies into the curriculum in order to foster student learning.

Goal:

Students will utilize a digital device with a 1-1 ratio. Students will be taught to use tools to become proficient in 21st Century Skills. 21st Century education skills will be introduced and encouraged. Classrooms may be "flipped" to allow for maximum guidance from educators.

Strategies:

Students will be given a tablet to use both on and off campus. Teachers will be given training to teach them how to create activities for students to maximize utilization of the cloud.

Metrics:

Through the use of testing, teacher observations, and a Mobile Device Manager, reports of students' usage will be shared with a committee of teachers who will help direct the pace of the project. This committee of teachers will also help assist other staff in the implementation of our technological philosophies.

Progress:

Surveys and extensive faculty training has taken place and is ongoing. Teachers were issued tablets and training prior to the beginning of the school year in anticipation that the following year a 1 to 1 implementation for students would occur. Extensive infrastructure upgrades were added, including new cabling, switches, wireless access points and increased bandwidth, to ensure the program will function properly when students come online next year.

Goal:

Provide teachers with classroom equipment that will allow interactive teacher-led activities.

Strategies:

Purchase and install interactive projectors, interactive boards, to be used in the classrooms.

Metrics:

Actually count the number of classrooms with interactive devices.

Progress:

Purchases will be made during summer to allow us to sample which solution is most viable for our schools. These devices will be trialed in the fall of 2013.

Goal:

Provide staff development opportunities for teachers to become familiar and comfortable with interactive devices in the classrooms.

Strategies:

Conduct training sessions from tech staff. Provide opportunities for teachers to share ideas and successful strategies. Provide support for off-campus PD for staff.

Metrics:

Records of teachers attending training opportunities.

Progress:

Mississinewa High School has conducted approximately 200 training sessions detailing about 40 various topics for staff to help learn strategies in implementing 21st Century skills in their classroom.

Goal:

Every classroom will have a mounted large screen LCD and AppleTV to allow the teacher to direct student learning activities. Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Strategies:

Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Metrics:

Through observations and teacher and student surveys, the effectiveness, levels of student participation, and levels of excitement will be measured.

Progress:

Large screen LCD TVs and Apple TVs have been purchased and extensively utilized. Formal observations already take effective usage into account. Also, surveys have been conducted to assess effectiveness and training needs.

Goal:

Provide classroom equipment that will allow interactive student activities.

Strategies:

Purchase 5 digital tablets per classroom for student use.

Metrics:

Verify with P.O. and survey teachers regarding effectiveness.

Progress:

Purchases will be made Summer of 2013.

Goal:

Every classroom will have a mounted projector to allow the teacher to direct student learning activities. Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Strategies:

Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Metrics:

Records of which classrooms and when projectors are mounted will be kept. Through teacher and student surveys, the effectiveness, levels of student participation, and levels of excitement will be measured.

Progress:

All general instruction classroom are equipped with a projector to allow students and teachers to display content from their computer, laptop, or digital device.

Goal:

Each classroom and lab has a network infrastructure that ensures connectivity and the ability to use current and future technologies. The building has high-speed Internet connection allowing for all learners, educators, and communities to access on-line resources and information anytime. In addition to the traditional "wired" network, the building also has complete Wi-Fi coverage. The school provides appropriate school information and resources to the public, including parents and families, via our student developed and maintained web site and the PowerSchool parent portal. This portal allows parents and students to access grades and assignments anytime from school or home. Students have access to educational multimedia resources for classroom learning opportunities. Novell Client properties will be used to access student work-in-progress. Two of the computer labs at R. J. Baskett Middle School are set up to coordinate with class activities and the curriculum. Every Language Arts, Mathematics, Science, and Social Studies classroom has a 4 to 11 station computer lab (most rooms are 7), with printer, that students are able to use in class for research, publishing, academic reinforcement, etc. Students are able to use technology to demonstrate their mastery of many skills. Students and teachers at R.J. Baskett Middle School have access to appropriate software such as Acuity, MicroType Multimedia, Accelerated Reader, Coin Jr., Open Office, and Microsoft Office. Much additional content is provided by textbook publishers via on-line access and provided CDs. Content taught in the lab environment at R. J. Baskett Middle School have high standards that encompass higher level thinking, problem solving, and information processing skills. Each principal and teacher has access to student achievement data to guide and support teaching and learning. The PowerSchool administrative software allows teachers, administrators, counselors, parents, and students to better track student outcomes. PowerSchool allows for an electronic grade book to be integrated into the student information system. Each teacher has a networked workstation for classroom use. Interactive whiteboards and tablets, document cameras, and instant response systems are used along with LCD projectors in many classrooms to engage students in the classroom curriculum through the use of technology. R.J. Baskett Middle School has fully networked labs for each grade level and the Industrial Technology Department. Technology staff works collaboratively with staff to maintain, install and utilize the equipment. State proficiencies and essential skills are being taught using technology. All 8th grade students complete a Keyboarding/Literacy course, as well as an Industrial Technology class which require students to use specific computer skills. Students learn to use a variety of software applications through various class offerings and will be provided opportunities to demonstrate proficiencies in areas of the curriculum or through interdisciplinary or cooperative teaching situations. Students will report their learning and research findings by various means, which may include written reports, oral presentations, data base/spreadsheets, pamphlets, graphics, multimedia presentations, etc.

Strategies:

The school provides ongoing professional development opportunities for educators. A variety of staff development opportunities are provided through expert-led training sessions by way of in-house workshops, Region 8 workshops, conference workshops, and one-on-one help and training by peer coaches and technology staff. Through newsletters, memos, email, direct contact, and the school web site, teachers are made aware of traditional, electronic, and online resources which provide lesson plans, resources, and ideas for technology-based instruction.

Metrics:

Surveys will be completed to determine implementation and growth of technology applications through the curriculum and project future needs. Technology personnel monitor lab sign-up sheets to determine usage. Technology personnel will meet with subject area teams at least once each school year to solicit information about the use of technology within the various curricular areas. Evaluative critiques of the available technology used to complete each project will be compiled for planning purchases of additional hardware, software, and training. Professional development/technology training opportunities will be documented and evaluated upon completion.

Research/technology-related activities will be documented and evaluated by staff and participants when accomplished. Assessment and evaluation of the overall program will be made by the following methods:

- Staff, students, and parents will be surveyed each year to measure the significance of the use of technology in the provision of student learning.
- A checklist will be maintained for each step in the Action Plan as implemented and evaluated by those involved.
- Professional development/technology training opportunities will be documented and evaluated upon completion.
- Research/technology-related activities planned in collaboration with mentors and/or technology department will be documented and evaluated by staff and participants when accomplished. A simple and brief evaluation form will be developed to promote uniformity.

The Mississinewa Technology Director, in conjunction with the building principal and the computer coordinator, review, evaluate, maintain, and update three-year technology plans that include integration of technology into the curriculum, professional development strategies, and future directions.

Progress:

Major building updates and network overhauls have been ongoing, with future upgrades planned. All sections of the building will be updated at the beginning of the 2014-2015 school year. Students and teachers will have access to collaborative software, allowing for the sharing of information and documentation used in the instructional process. A majority of instruction will be done digitally at the completion of the building upgrade, and the distribution of digital devices to all students.

Goal:

Each day, each student is provided 30-60 minutes of individualized, curriculum-based electronic learning programs.

Strategies:

Provide a computer lab of at least 28 workstations for allow each classroom time, every day, to use an individualized, tutorial program with students

Metrics:

File the lab sign up sheets.

Progress:

This goal has been extremely successful to date.

Section III: Technology Budget

Has your school corporation established a School Technology Fund as required in IC 20-40-15-2?

Yes

No

Please estimate the expenditures planned in each category for all three years of the plan. Use whole dollar values.

	2011-2012					
	Capital Projects	Technology Fund	Textbook Funds	Grants	Other	Sub Total by Category
Salary	0	0	0	0	151700	151700
Hardware	60500	0	339000	50000	121000	570500
Software	20000	0	0	10000	2000	32000
Professional Development (non salary; expenditures are required)	0	0	0	0	1500	1500
Telecommunications	15000	0	0	0	0	15000
Contract/Professional Services for Technology	0	20000	0	0	0	20000
Sub Total by Source	95500	20000	339000	60000	276200	Total: 790700
% of Total By Source*	12%	3%	43%	8%	35%	

** Percentages could be slightly above or below 100% due to rounding of calculations*

	2012-2013					
	Capital Projects	Technology Fund	Textbook Funds	Grants	Other	Sub Total by Category
Salary	0	0	0	0	156200	156200
Hardware	60500	0	339000	50000	121000	570500
Software	20000	0	0	10000	2000	32000
Professional Development (non salary; expenditures are required)	0	0	0	0	1500	1500
Telecommunications	15000	0	0	0	0	15000
Contract/Professional Services for Technology	0	20000	0	0	0	20000
Sub Total by Source	95500	20000	339000	60000	280700	Total: 795200
% of Total By Source*	12%	3%	43%	8%	35%	

** Percentages could be slightly above or below 100% due to rounding of calculations*

	2013-2014					
	Capital Projects	Technology Fund	Textbook Funds	Grants	Other	Sub Total by Category
Salary	0	0	0	0	161000	161000
Hardware	60500	0	50000	0	121000	231500
Software	20000	0	0	0	2000	22000
Professional Development (non salary; expenditures are required)	0	0	0	0	1500	1500
Telecommunications	15000	0	0	0	0	15000
Contract/Professional Services for Technology	0	20000	0	0	0	20000
Sub Total by Source	95500	20000	50000	0	285500	Total: 451000
% of Total By Source*	21%	4%	11%	0%	63%	

** Percentages could be slightly above or below 100% due to rounding of calculations*

Budget Summary by Category

	2011-2012	2012-2013	2013-2014
Salary	\$151,700.00	\$156,200.00	\$161,000.00
Hardware	\$570,500.00	\$570,500.00	\$231,500.00
Software	\$32,000.00	\$32,000.00	\$22,000.00
Professional Development (non salary; expenditures are required)	\$1,500.00	\$1,500.00	\$1,500.00
Telecommunications	\$15,000.00	\$15,000.00	\$15,000.00
Contract/Professional Services for Technology	\$20,000.00	\$20,000.00	\$20,000.00
Total	\$790,700.00	\$795,200.00	\$451,000.00

Budget Summary by Source

	2011-2012	2012-2013	2013-2014
Capital Projects	95500	95500	95500
Technology Fund	20000	20000	20000
Textbook Fund	339000	339000	50000
Grants	60000	60000	0
Other	276200	280700	285500
Total	790,700.00	795,200.00	\$451,000.00

Grant County Special Ed Coop

Goal:

Provide teachers with classroom equipment that will allow interactive student activities.

Strategies:

Purchase and install interactive projectors, interactive boards, to be used in the classrooms.

Metrics:

Actually count the number of classrooms with interactive devices. - 17

Progress:

* *

Goal:

Provide staff development opportunities for teachers to become familiar and comfortable with interactive devices in the classrooms.

Strategies:

Conduct training sessions from tech staff. Provide opportunities for teachers to share ideas and successful strategies. Provide support for off-campus PD for staff.

Metrics:

Records of teachers attending training opportunities. - 17

Progress:

Mississinewa High School has conducted approximately 200 training sessions detailing about 40 various topics for staff to help learn strategies in implementing 21st Century skills in their classroom.

Goal:

Every classroom will have a mounted large screen LCD and AppleTV to allow the teacher to direct student learning activities. Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Strategies:

Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Metrics:

Through observations and teacher and student surveys, the effectiveness, levels of student participation, and levels of excitement will be measured.

Progress:

Large screen LCD TVs and Apple TVs have been purchased and extensively utilized. Formal observations already take effective usage into account. Also, surveys have been conducted to assess effectiveness and training needs.

School Level Implementation

We will continue to provide classes and individualized instruction for teachers on a regular basis. Special funding will allow targeted workshops for special needs focused training. Special needs teachers also participate in all regular teacher training. Additionally, we will continue to add to our Olemiss121 Training website. It already contains links to sites, videos, PDFs and resources. In addition to online videos gleaned from other sources, we have added our own to augment what is available on the web. The goal of this site is to provide training and information as needed in addition to the ongoing "live" PD.

Mississinewa High School

Goal:

Provide teachers with classroom equipment that will allow interactive student activities.

Strategies:

Purchase and install interactive projectors, interactive boards, to be used in the classrooms.

Metrics:

Actually count the number of classrooms with interactive devices. - 48

Progress:

Purchases will be made during summer to allow us to sample which solution is most viable for our schools. These devices will be trialed in the fall of 2013.

Goal:

Provide staff development opportunities for teachers to become familiar and comfortable with interactive devices in the classrooms.

Strategies:

Conduct training sessions from tech staff. Provide opportunities for teachers to share ideas and successful strategies. Provide support for off-campus PD for staff.

Metrics:

Records of teachers attending training opportunities. - 45

Progress:

Mississinewa High School has conducted approximately 200 training sessions detailing about 40 various topics for staff to help learn strategies in implementing 21st Century skills in their classroom.

Goal:

Every classroom will have a mounted large screen LCD and AppleTV to allow the teacher to direct student learning activities. Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Strategies:

Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Metrics:

Through observations and teacher and student surveys, the effectiveness, levels of student participation, and levels of excitement will be measured.

Progress:

Large screen LCD TVs and Apple TVs have been purchased and extensively utilized. Formal observations already take effective usage into account. Also, surveys have been conducted to assess effectiveness and training needs.

Goal:

Students will utilize a tablet with a 1-1 ratio. Students will be taught to use tools to become proficient in 21st Century Skills. 21st Century education skills will be introduced and encouraged. Classrooms may be "flipped" to allow for maximum guidance from educators.

Strategies:

Students will be given a tablet to use both on and off campus. Teachers will be given training to teach them how to create activities for students to maximize utilization of the cloud.

Metrics:

Through the use of testing, teacher observations, and a Mobile Device Manager, reports of students' usage will be shared with a committee of teachers who will help direct the pace of the project. This committee of teachers will also help assist other staff in the implementation of our technological philosophies.

Progress:

Surveys and extensive faculty training has taken place and is ongoing. Teachers were issued tablets and training prior to the beginning of the school year in anticipation that the following year a 1 to 1 implementation for students would occur. Extensive infrastructure upgrades were added, including new cabling, switches, wireless access points and increased bandwidth, to ensure the program will function properly when students come online next year.

School Level Implementation

We will continue to provide classes and individualized instruction for teachers on a regular basis. Additionally, we will continue to add to our Olemiss121 Training website. It already contains links to sites, videos, PDFs and resources. In addition to online videos gleaned from other sources, we have added our own to augment what is available on the web. The goal of this site is to provide training and information as needed in addition to the ongoing "live" PD.

R J Baskett Middle School

Goal:

Every classroom will have a mounted projector to allow the teacher to direct student learning activities. Teachers will be able to use their laptop, desktop, or tablet to control the display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Strategies:

Teachers will be able to use their laptop, desktop, or tablet to display of the projected image. This will give the instructor an interactive approach to their lessons. Student will become more engaged as they are able to participate digitally with the presentations. Both the classroom leader and student will be more enthused with how the content is presented. Classroom discussions will be more collaborative.

Metrics:

Records of which classrooms and when projectors are mounted will be kept. Through teacher and student surveys, the effectiveness, levels of student participation, and levels of excitement will be measured.

Progress:

NA

Goal:

Each classroom and lab has a network infrastructure that ensures connectivity and the ability to use current and future technologies. The building has high-speed Internet connection allowing for all learners, educators, and communities to access on-line resources and information anytime. In addition to the traditional "wired" network, the building also has complete Wi-Fi coverage.

The school provides appropriate school information and resources to the public, including parents and families, via our student developed and maintained web site and the PowerSchool parent portal. This portal allows parents and students to access grades and assignments anytime from school or home.

Students have access to educational multimedia resources for classroom learning opportunities. Novell Client properties will be used to access student work-in-progress. Two of the computer labs at R. J. Baskett Middle School are set up to coordinate with class activities and the curriculum. Every Language Arts, Mathematics, Science, and Social Studies classroom has a 4 to 11 station computer lab (most rooms are 7), with printer, that students are able to use in class for research, publishing, academic reinforcement, etc. Students are able to use technology to demonstrate their mastery of many skills. Students and teachers at R.J. Baskett Middle School have access to appropriate software such as Acuity, MicroType Multimedia, Accelerated Reader, Coin Jr., Open Office, and Microsoft Office. Much additional content is provided by textbook publishers via on-line access and provided CDs. Content taught in the lab environment at R. J. Baskett Middle School have high standards that encompass higher level thinking, problem solving, and information processing skills.

Each principal and teacher has access to student achievement data to guide and support teaching and learning. The PowerSchool administrative software allows teachers, administrators, counselors, parents, and students to better track student outcomes.

PowerSchool allows for an electronic grade book to be integrated into the student information system. Each teacher has a networked workstation for classroom use. Interactive whiteboards and tablets, document cameras, and instant response systems are used along with LCD projectors in many classrooms to engage students in the classroom curriculum through the use of technology.

R.J. Baskett Middle School has fully networked labs for each grade level and the Industrial Technology Department. Technology staff works collaboratively with staff to maintain, install and utilize the equipment. State proficiencies and essential skills are being taught using technology. All 8th grade students complete a Keyboarding/Literacy course, as well as an Industrial Technology class which require students to use specific computer skills.

Students learn to use a variety of software applications through various class offerings and will be provided opportunities to demonstrate proficiencies in areas of the curriculum or through interdisciplinary or cooperative teaching situations. Students will report their learning and research findings by various means, which may include written reports, oral presentations, data base/spreadsheets, pamphlets, graphics, multimedia presentations, etc.

Strategies:

The school provides ongoing professional development opportunities for educators. A variety of staff development opportunities are provided through expert-led training sessions by way of in-house workshops, Region 8 workshops, conference workshops, and one-on-one help and training by peer coaches and technology staff.

Through newsletters, memos, email, direct contact, and the school web site, teachers are made aware of traditional, electronic, and online resources which provide lesson plans, resources, and ideas for technology-based instruction.

Metrics:

Surveys will be completed to determine implementation and growth of technology applications through the curriculum and project future needs. Technology personnel monitor lab sign-up sheets to determine usage. Technology personnel will meet with subject area teams at least once each school year to solicit information about the use of technology within the various curricular areas. Evaluative critiques of the available technology used to complete each project will be compiled for planning purchases of additional hardware, software, and training.

Professional development/technology training opportunities will be documented and evaluated upon completion.

Research/technology-related activities will be documented and evaluated by staff and participants when accomplished. Assessment and evaluation of the overall program will be made by the following methods:

- Staff, students, and parents will be surveyed each year to measure the significance of the use of technology in the provision of student learning.
- A checklist will be maintained for each step in the Action Plan as implemented and evaluated by those involved.
- Professional development/technology training opportunities will be documented and evaluated upon completion.
- Research/technology-related activities planned in collaboration with mentors and/or technology department will be documented and evaluated by staff and participants when accomplished. A simple and brief evaluation form will be developed to promote uniformity.

The Mississinewa Technology Director, in conjunction with the building principal and the computer coordinator, review, evaluate, maintain, and update three-year technology plans that include integration of technology into the curriculum, professional development strategies, and future directions.

Progress:

NA

Goal:

Students will utilize a digital device with a 1-1 ratio. Students will be taught to use tools to become proficient in 21st Century Skills. 21st Century education skills will be introduced and encouraged. Classrooms may be "flipped" to allow for maximum guidance from educators.

Strategies:

Students will be given a tablet to use both on and off campus. Teachers will be given training to teach them how to create activities for students to maximize utilization of the cloud.

Metrics:

Through the use of testing, teacher observations, and a Mobile Device Manager, reports of students' usage will be shared with a committee of teachers who will help direct the pace of the project. This committee of teachers will also help assist other staff in the implementation of our technological philosophies.

Progress:

Surveys and extensive faculty training has taken place and is ongoing. Teachers were issued tablets and training prior to the beginning of the school year in anticipation that the following year a 1 to 1 implementation for students would occur. Extensive infrastructure upgrades were added, including new cabling, switches, wireless access points and increased bandwidth, to ensure the program will function properly when students come online next year.

School Level Implementation

We will continue to provide classes and individualized instruction for teachers on a regular basis. Additionally, we will continue to add to our Olemiss121 Training website. It already contains links to sites, videos, PDFs and resources. In addition to online videos gleaned from other sources, we have added our own to augment what is available on the web. The goal of this site is to provide training and information as needed in addition to the ongoing "live" PD.

Westview Elementary School

Goal:

Provide teachers with classroom equipment that will allow interactive student activities.

Strategies:

Purchase and install interactive projectors, interactive boards, Apple TV units, and any necessary accessories, to be used in the classrooms.

Metrics:

Physically monitor each classroom with interactive devices.

Progress:

Purchases will be made during summer to allow us to sample which solution is most viable for our schools. These devices will be trialed in the fall of 2013.

Goal:

Provide staff development opportunities for teachers to become familiar and comfortable with interactive devices in the classrooms.

Strategies:

Conduct training sessions from tech staff. Provide opportunities for teachers to share ideas and successful strategies. Provide support for off-campus PD for staff.

Metrics:

Records of teachers attending training opportunities, as well as progress monitoring data obtained through questionnaires and or surveys.

Progress:

Mississinewa High School has conducted approximately 200 training sessions detailing about 40 various topics for staff to help learn strategies in implementing 21st Century skills in their classroom.

Goal:

Each day, give each student 30-60 minutes of individualized, curriculum-based electronic programs.

Strategies:

a

Metrics:

a

Progress:

a

School Level Implementation

Each Pre-K, Kindergarten, and first grade classroom will receive new technology designed to allow for greater student-teacher interactivity. This technology will include SMART boards, traditional projectors, interactive projectors, Apple TV units, and any accessories necessary for the most efficient implementation of each device. This new technology which will be integrated with devices such as the iPad, which had been implemented into each classroom at the beginning of the 2012-2013 school year. This integration of existing, and new technologies will expose students to many components of modern technology such as iOS devices, touch screen interfaces, as well as wireless data streaming. Students will acquire and refine many basic technology related skills ranging from typing to iOS navigation through the use of each piece of new technology being implemented, as well as through their continued use of the student computer labs which allow each student access to programs such as the Waterford early learning system.

Professional development will be provided in the form of group training sessions. These training sessions will be accompanied by knowledge assessments as well as survey's designed to gather questions to be covered in future sessions.

Northview Elementary School

Goal:

Provide staff development opportunities for teachers to become familiar and comfortable with interactive devices in the classrooms.

Strategies:

Conduct training sessions from tech staff. Provide opportunities for teachers to share ideas and successful strategies. Provide support for off-campus PD for staff.

Metrics:

Records of teachers attending training opportunities.

Progress:

Mississinewa High School has conducted approximately 200 training sessions detailing about 40 various topics for staff to help learn strategies in implementing 21st Century skills in their classroom.

Goal:

Provide teachers with classroom equipment that will allow interactive teacher-led activities.

Strategies:

Purchase and install interactive projectors, interactive boards, to be used in the classrooms.

Metrics:

Actually count the number of classrooms with interactive devices.

Progress:

Purchases will be made during summer to allow us to sample which solution is most viable for our schools. These devices will be trialed in the fall of 2013.

Goal:

Each day, give each student 30-60 minutes of individualized, curriculum-based electronic programs.

Strategies:

a

Metrics:

a

Progress:

a

Goal:

Students will utilize a digital device.. Students will be taught to use tools to become proficient in 21st Century Skills. 21st Century education skills will be introduced and encouraged. Classrooms may be "flipped" to allow for maximum guidance from educators.

Strategies:

Each classroom will be given 5 tablets to use both on and off campus. Teachers will be given training to teach them how to create activities for students to maximize utilization of the cloud.

Metrics:

Through the use of testing, teacher observations, and a Mobile Device Manager, reports of students' usage will be shared with a committee of teachers who will help direct the pace of the project. This committee of teachers will also help assist other staff in the implementation of our technological philosophies.

Progress:

Surveys and extensive faculty training has taken place and is ongoing. Teachers were issued tablets and training prior to the beginning of the school year in anticipation that the following year a 1 to 1 implementation for students would occur. Extensive infrastructure upgrades were added, including new cabling, switches, wireless access points and increased bandwidth, to ensure the program will function properly when students come online next year.

School Level Implementation

We will continue to provide classes and individualized instruction for teachers on a regular basis. Additionally, we will continue to add to our Olemis121 Training website. It already contains links to sites, videos, PDFs and resources. In addition to online videos gleaned from other sources, we have added our own to augment what is available on the web. The goal of this site is to provide training and information as needed in addition to the ongoing "live" PD.
