

3- Year Technology Plan Checklist

(This form must be filled out completely and sent with the Plan)

Corp#: 3180

Corp Name: North Harrison

New Plan Period: **7/1/08 to 06/30/11**

Contact Name: **D.J. Hanen**

Date Plan Written: **April 11, 2008**

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Description			
Section I - A corporation overview that is aligned with local corporation initiatives (not more than three pages) that addresses:			
<ol style="list-style-type: none"> 1. the school corporation's technology vision, mission and goals; 2. the corporation's current technology infrastructure and infrastructure plans; 3. how technology will be used to support teaching and learning; 4. telecommunication services, (such as PBX, VOIP, etc...) that fall outside of basic telephone services. 			
Section II - An individualized building plan, for each building in the corporation, that is aligned with local PL221 plans (not more than three pages per building) that includes:			
<ol style="list-style-type: none"> 1. a description of how the school will integrate technology and the Internet into the curriculum; 2. a description of the professional development strategies to be used in providing in-service to teachers and staff; 3. a process of how the need for the Internet, telecommunication and other technology in the school will be assessed; 4. a strategy of how the overall program will continuously be assessed and evaluated; 			
Section III - The amount budgeted EACH YEAR for technology.			
	2008-09	2009-10	2010-11
Hardware:	\$200,000	\$200,000	\$200,000
Software:	\$75,000	\$75,000	\$75,000
Professional Development:	\$25,000	\$25,000	\$25,000
Telecommunications	\$0	\$30,000	\$10,000

Please submit your technology plan to:
 Mark Broderick
 Office of Learning Resources
 Room 229, State House
 Indianapolis, IN 46204-2798

or, if using Federal Express or UPS:
 Mark Broderick
 Office of Learning Resources
 151 W. Ohio Street
 Indianapolis, IN 46204-2798

Every school corporation must have an approved current three-year technology plan. In accordance with Indiana Code Title 20 Chapter 20:

IC 20-20-13-7

Technology plan

Sec. 7. (a) Notwithstanding any other law, a school corporation is not entitled to:

- (1) receive any money under this chapter or IC 20-20-15;
- (2) use money from the school corporation's capital projects fund for educational technology equipment under IC 21-2-15-4; or
- (3) receive an advance from the common school fund for an educational technology program under IC 21-1-5; unless the school corporation develops a three (3) year technology plan.

North Harrison Community School Corporation Technology Implementation Plan 2008 - 2011

Section I

Technology Vision Statement

All students and staff of North Harrison Community School Corporation will have access to technology. The effective use of technology at North Harrison Community Schools will:

- Promote and support best practices for technology integration.
- Provide tools for creating and managing information in all areas of the curriculum.
- Empower teachers to meet the individual learning needs of their students.
- Prepare students for a lifetime of learning and employment.

Technology Mission Statement

The technology mission of North Harrison Community School Corporation is to incorporate technology in the educational curriculum at all levels so that the school district will:

- Empower all students to become creative, critical thinking, lifelong learners able to compete in a technologically adept society.
- Provide faculty, staff and administration with encouragement, training, time and resources enabling them to effectively use new technologies in their profession.
- Create an educationally positive technology environment capable of accommodating the varied learning styles of a diverse school population.
- Promote cooperation with community and business leaders by developing educated and productive citizens.

Technology Goals

In an effort to realize this vision, our district will focus on the following goals:

- Install, maintain and upgrade technology resources that will enhance productivity and the education process.
- Make technology an integral part of the curriculum in order to enhance academic achievement and lifelong learning.
- Plan, develop and implement an ongoing technology integration training program.

Current Technology Infrastructure and Infrastructure Plans

The technology infrastructure of North Harrison Community Schools goes well beyond computers sitting in classrooms and labs.

North Harrison utilizes *AlphaSmart 3000* and *Neos* for use in grades 5 – 8 to introduce keyboarding earlier and develop writing skills. *Unitedstreaming* videos on demand are available for use by K – 12 teachers and their students. *SMART Board* technology has been introduced creating the opportunity for interactive and collaborative access to technology in the classroom. Classroom response systems from eInstruction as well as Renaissance Learning are now being introduced in the classroom to provide feedback and assessment for classroom teachers.

All of the buildings on the school corporation's Ramsey campus are conjoined into a wide area network via a one-gigabit fiber optic backbone delivering 100 megabits to the workstation. Morgan Elementary School, the only outlying building in Palmyra, is tied into the wide area network via a wireless connection. With the exception of equipment housed at Morgan, the other corporation buildings all feed back to one central data center located in the technology office at North Harrison High School. The corporation installed an HP blade server system along with a storage area network two years ago which has consolidated the data center servers and storage area into one device with room for future expansion. Redundancy has been built into the system in order to achieve optimal up time and availability to staff and students. The network attached storage system provides for data backups to hard drive and are stored both in the data center and off site in another building.

To help achieve optimal up time and availability of the computer system for corporation users, North Harrison has implemented a number of Novell ZenWorks products to help achieve this goal. The ZenWorks imaging and remote control solution allows the technology staff to monitor and react to issues from any point in the corporation. The desktop package deployed to school computers is configured based on user policies and what the user needs to access on the network.

The technology department maintains annual support agreements with critical software providers including:

- *Microsoft* (various productivity packages)
- *Novell Netware and Linux* (fileserver operating systems)
- *Sophos* (anti-virus scanning software)
- *unitedstreaming*© (videos on demand)
- *Cymphonix* (internet content monitoring software)
- *Renaissance Learning* (web-based educational software)
- *VersaTrans* (school transportation software)
- *Sagebrush Corporation* (library circulation system)

In the upcoming calendar year, North Harrison will replace the core Cisco switch that powers the data network with a newer Cisco switch. The existing switch is at the end of life cycle. Once the core switch is replaced based on best Cisco practices then we will turn our attention to the switches at the edge of the network to update and configure those switches used to connect our computers to the network to once again insure optimal up time and availability.

The upcoming calendar year will also see North Harrison migrate to the Harmony school management system developed and supported by Logic Key for both student data and cafeteria systems. The move will allow North Harrison to bring various school data into one database and provide the school corporation with a system wide online grade book plus a portal in which parents can access school and their child's individual information.

Another important infrastructure project for North Harrison will be the ongoing installation of the Extron Pole Vault System which provides a turnkey solution of the installation and deployment of classroom projectors, SMART Boards, and document cameras in the classroom. Currently we are working to install these systems available in each core content area in grades K-12. The pole vault system provides a wall mounted controller making it easy for the teacher to use technology in their classroom without using a variety of remote controls. The systems also allow for the expansion of amplification in the classroom because of the ceiling mounted speakers.

In order to keep everything up and running North Harrison has partnered with Five-Star Technology Solutions through a service level agreement in which for a certain yearly cost Five-Star will provide unlimited technology support for our school system.

North Harrison is also working with Education Networks of American (ENA) to upgrade the Internet connection into North Harrison from 2 T-1 lines to a 10 MB fiber connection. This install should be complete in the summer of 2008.

Supporting Teaching and Learning with Technology

Technology at North Harrison Community School Corporation is used to support teaching and learning by providing:

- High quality content and teaching resources via the Internet.
- District supported and licensed software applications.
- Access to computer workstations in every classroom.
- Multimedia technology tools for educators and students to present and view content information.
- Grade and student management systems that increase teaching time and reduce administrative task time.
- Planning, assessment and curriculum alignment tools connecting best practices to standards based accountability.
- Opportunities for ongoing technology integration training arranged by the corporation Technology Integration Specialist.

Telecommunication Services

The telecommunications service at North Harrison currently consists of basic telephone service with no voice mail service. North Harrison is currently seeking proposals from vendors on upgrading the phone system to a VOIP network which we hope to accomplish in the next 2-3years. The school corporations goal is to install a robust phone system that can be expanded and provide phone service to individual classrooms while at the same time reducing the monthly recurring cost for phone lines.

Section II

North Harrison Elementary

Description of how the school will integrate technology and the Internet into the curriculum

North Harrison Elementary will work to integrate technology and the Internet into the curriculum by utilizing technology to engage and challenge students on their own skill level.

Technology to accomplish this task will include the following resources:

- Connectivity for all learners. All teachers and students will have access to multimedia computers in their classrooms to access the Internet and applications.
- Renaissance Place is a web based software package that consists of Accelerated Reader, Accelerated Math, STAR Reading, STAR Math, STAR Early Literacy, and Math Facts in a Flash. This software is utilized in all K-12 buildings at North Harrison. The STAR pieces of this package allow teachers to evaluate students periodically through the year. The results of these assessments will be used to customize curriculum to fit the student needs.
- Homework Hero, an online homework information service, is used by 5th grade teachers to inform students and parents of curriculum, lessons, activities and homework.
- Unitedstreaming.com subscription to access videos, writing prompts, images, sounds, articles, speeches and lessons. Unitedstreaming.com has high quality content and teaching resources aligned to Indiana academic standards.
- Mobile laptop cart will assist teachers to integrate writing into their classrooms. The laptop cart will also provide mobile opportunities for student learning through large and small group instruction. Students will use the laptops to conduct research on the Internet and complete essays in Word and presentations in PowerPoint for a variety of topics related to their curriculum.
- AlphaSmart devices are used by teachers and students for focused writing exercises and essays. The devices also used with a keyboarding curriculum, called Keywords, by fifth grade students.
- At the end of the calendar year each K-5 classroom at North Harrison Elementary will have a projector and SMART Board installed which will allow teachers to integrate lessons created in SMART Notebook, using unitedsteaming.com and Internet content, engaging students in active learning experiences.

Description of the professional development strategies to be used in providing in-service training to teachers and staff

North Harrison Elementary has at its disposal a full time technology integration specialist who will provide training and assistance to teachers and staff. The technology integration specialist works in all four corporation buildings and is also a licensed K-6 Indiana teacher who is responsible for coordinating all technology professional development activities in the corporation.

The professional development of teachers and staff will take place in the school corporation Professional Development Center (PDC) which is a modular classroom that is centrally located on the main campus. The PDC provides a quiet environment for teacher training and learning to take place. Many of the PDC activities occur during the school day as substitute teachers are provide for classroom teachers so they can learn and enhance their technology skills. Class sizes are kept small to allow for one on one attention.

Trainings taught in the PDC include but are not limited to the following: Windows, email, Internet, word processing and district supported and licensed software. As classroom teachers have SMART Board technology available in their classroom they will receive initial SMART Board training after the SMART Board is installed and will then receive a follow up training 4-5 weeks after the initial training. Teachers will receive additional training each year to learn new tips about the SMART Board and to provide an opportunity to network and develop SMART Board lessons with other corporation teachers.

Aside from the formal training in the PDC, North Harrison technology staff provides just in time training for all teachers and staff. The technology integration specialist and technology support specialist rotate mornings at North Harrison Elementary in what is termed as a "building walkthrough" to assess and respond to any technology concerns in the buildings. This eliminates the need for a formal help desk solution and allows issues to be dealt with immediately instead of accumulating. The technology integration and technology support specialist are also available by appointment during planning times for teacher training and support.

Process of how the need for the Internet, telecommunications and other technology in the school will be assessed

The technology staff uses a number of ways to assess and evaluate the technology used at North Harrison Elementary and actively seeks input from classroom teachers regarding their technology needs.

With the technology staff present in the building, open communication between school staff and the technology staff occurs. When suggestions are received, the technology staff actively seeks out solutions by contacting vendors, attending technology conferences, and by staying current with best classroom technology practices through journals and magazines.

The technology staff in cooperation with the classroom teacher seeks to find ways to streamline the process of using technology in the classroom so that the teacher can teach without concerns that the technology is going to work or not. When a solution is found the technology staff then works quickly to implement this solution for other classroom teachers.

The technology staff will conduct a survey to assess our facility and its technology needs. This assessment will allow us to stay current with emerging technologies, collect end user input, gather information about end user utilization and determine professional development needs.

The technology staff along with a committee of staff members from the building will develop and distribute a survey to staff to identify hardware and software needed to improve technology integration. This survey will also include an assessment of the effectiveness of technology that is currently in use and an assessment of end user technology training needs.

The survey data will be compiled and analyzed to identify opportunities for improvement in hardware, software and training to support North Harrison's school improvement goals and align with Indiana Academic Standards. The need for additional services, hardware, software and training will be reviewed. Staff will be encouraged to attend workshops based on the results of this survey. This training will enable teachers to utilize best practices for integration of technology into their curriculum. The technology plan will be revised to meet these needs.

Strategy of how the overall program will be assessed and evaluated

The North Harrison technology staff is responsible for the overall assessment and evaluation of the district technology plan. The technology staff is constantly assessing and monitoring the use of technology in the school determining what is working and what is not working.

Strategies used to assess and evaluate the overall technology program include:

- Continuation of an ongoing school community and district technology user committee to promote dialogue centered on technology literacy and K – 12 technology curriculum.
- Ongoing evaluation of K – 12 curriculum and staff development using National Technology Standards for Students and Teachers.
- Annual review of the district technology plan including the technology budget, disaster recovery plan, hardware/software inventory and maintenance plan.
- Application of research and best practices knowledge.
- Evaluation of technology needs survey results.
- Review of post-course written evaluation forms.
- External evaluation by professionals in the field.

Section II

Morgan Elementary

Description of how the school will integrate technology and the Internet into the curriculum

Morgan Elementary will work to integrate technology and the Internet into the curriculum by utilizing technology to engage and challenge students on their own skill level.

Technology to accomplish this task will include the following resources:

- Connectivity for all learners. All teachers and students will have access to multimedia computers in their classrooms to access the Internet and applications.
- Renaissance Place is a web based software package that consists of Accelerated Reader, Accelerated Math, STAR Reading, STAR Math, STAR Early Literacy, and Math Facts in a Flash. This software is utilized in all K-12 buildings at North Harrison. The STAR pieces of this package allow teachers to evaluate students periodically through the year. The results of these assessments will be used to customize curriculum to fit the student needs.
- Homework Hero, an online homework information service, is used by 5th grade teachers to inform students and parents of curriculum, lessons, activities and homework.
- Unitedstreaming.com subscription to access videos, writing prompts, images, sounds, articles, speeches and lessons. Unitedstreaming.com has high quality content and teaching resources aligned to Indiana academic standards.
- The school computer lab will assist teachers to integrate writing into their classrooms. Students will use the laptops to conduct research on the Internet and complete essays in Word and presentations in PowerPoint for a variety of topics related to their curriculum.
- AlphaSmart devices are used by teachers and students for focused writing exercises and essays. The devices will be used with a keyboarding curriculum, called Keywords, by fifth grade students.
- The Reading Lab which is responsible for Title I implementation uses several software packages to instruct and assess student achievement. The software packages utilized are Essential Skills, Destination Reading, and Top Club Readers.
- At the present time grades 4 and 5 at Morgan Elementary have a projector and SMART Board installed that allows teachers to integrate lessons created in SMART Notebook, using unitedsteaming.com and Internet content, engaging students in active learning experiences. By the end of the calendar year grade 2 will also have a projector and SMART Board installed in their classrooms.

Description of the professional development strategies to be used in providing in-service training to teachers and staff

Morgan Elementary has at its disposal a full time technology integration specialist who will provide training and assistance to teachers and staff. The technology integration specialist works in all four corporation buildings and is also a licensed K-6 Indiana teacher who is responsible for coordinating all technology professional development activities in the corporation.

The professional development of teachers and staff will take place in the school corporation Professional Development Center (PDC) which is a modular classroom that is centrally located on the main campus. The PDC provides a quiet environment for teacher training and learning to take place. Many of the PDC activities occur during the school day as substitute teachers are provide for

classroom teachers so they can learn and enhance their technology skills. Class sizes are kept small to allow for one on one attention.

Trainings taught in the PDC include but are not limited to the following: Windows, email, Internet, word processing and district supported and licensed software. As classroom teachers have SMART Board technology available in their classroom they will receive initial SMART Board training after the SMART Board is installed and will then receive a follow up training 4-5 weeks after the initial training. Teachers will receive additional training each year to learn new tips about the SMART Board and to provide an opportunity to network and develop SMART Board lessons with other corporation teachers.

Aside from the formal training in the PDC, North Harrison technology staff provides just in time training for all teachers and staff. The technology integration specialist and technology support specialist rotate mornings at Morgan Elementary in what is termed as a "building walkthrough" to assess and respond to any technology concerns in the buildings. This eliminates the need for a formal help desk solution and allows issues to be dealt with immediately instead of accumulating. The technology integration and technology support specialist are also available by appointment during planning times for teacher training and support.

Process of how the need for the Internet, telecommunications and other technology in the school will be assessed

The technology staff uses a number of ways to assess and evaluate the technology used at Morgan Elementary and actively seeks input from classroom teachers regarding their technology needs.

With the technology staff present in the building, open communication between school staff and the technology staff occurs. When suggestions are received, the technology staff actively seeks out solutions by contacting vendors, attending technology conferences, and by staying current with best classroom technology practices through journals and magazines.

The technology staff in cooperation with the classroom teacher seeks to find ways to streamline the process of using technology in the classroom so that the teacher can teach without concerns that the technology is going to work or not. When a solution is found the technology staff then works quickly to implement this solution for other classroom teachers.

The technology staff will conduct a survey to assess our facility and its technology needs. This assessment will allow us to stay current with emerging technologies, collect end user input, gather information about end user utilization and determine professional development needs.

The technology staff along with a committee of staff members from the building will develop and distribute a survey to staff to identify hardware and software needed to improve technology integration. This survey will also include an assessment of the effectiveness of technology that is currently in use and an assessment of end user technology training needs.

The survey data will be compiled and analyzed to identify opportunities for improvement in hardware, software and training to support North Harrison's school improvement goals and align with Indiana Academic Standards. The need for additional services, hardware, software and training will be reviewed. Staff will be encouraged to attend workshops based on the results of this survey. This training will enable teachers to utilize best practices for integration of technology into their curriculum. The technology plan will be revised to meet these needs.

Strategy of how the overall program will be assessed and evaluated

The North Harrison technology staff is responsible for the overall assessment and evaluation of the district technology plan. The technology staff is constantly assessing and monitoring the use of technology in the school determining what is working and what is not working.

Strategies used to assess and evaluate the overall technology program include:

- Continuation of an ongoing school community and district technology user committee to promote dialogue centered on technology literacy and K – 12 technology curriculum.
- Ongoing evaluation of K – 12 curriculum and staff development using National Technology Standards for Students and Teachers.
- Annual review of the district technology plan including the technology budget, disaster recovery plan, hardware/software inventory and maintenance plan.
- Application of research and best practices knowledge.
- Evaluation of technology needs survey results.
- Review of post-course written evaluation forms.
- External evaluation by professionals in the field.

Section II

North Harrison Middle School

Description of how the school will integrate technology and the Internet into the curriculum

North Harrison Middle School will work to integrate technology and the Internet into the curriculum by utilizing technology to engage and challenge students on their own skill level.

Technology to accomplish this task will include the following resources:

- Connectivity for all learners. All teachers and students will have access to multimedia computers in their classrooms to access the Internet and applications.
- Renaissance Place is a web based software package that consists of Accelerated Reader, Accelerated Math, STAR Reading, STAR Math, STAR and Math Facts in a Flash. This software is utilized in all K-12 buildings at North Harrison. The STAR pieces of this package allow teachers to evaluate students periodically through the year. The results of these assessments will be used to customize curriculum to fit the student needs.
- Homework Hero, an online homework information service, is used by teachers to inform students and parents of curriculum, lessons, activities and homework.
- The Harmony school management program to be implemented this calendar year will give parents online access to their child's grades, attendance, discipline, and cafeteria account. This access will allow teachers and parents to work more closely together for the best interest of the child.
- Unitedstreaming.com subscription to access videos, writing prompts, images, sounds, articles, speeches and lessons. Unitedstreaming.com has high quality content and teaching resources aligned to Indiana academic standards.
- The two school computer labs will assist teachers to integrate writing into their classrooms. Students will use the labs to conduct research on the Internet and complete essays in Word and presentations in PowerPoint for a variety of topics related to their curriculum.
- All computer labs in the middle school are equipped with a software program called SynchronEyes which allows teachers to demo and display student work to all computers in the computer lab. This provides an easy way for teachers to present a lesson to all students simultaneously and also keep students focused and on task.
- SMART Boards and projectors are currently installed in grades 6 along with English/Language Arts classrooms in grades 7-8. At the beginning of the 2008-09 school year each special education teacher in the building will be able to utilize a SMART Board and projector in their classroom.
- AlphaSmart devices are used by teachers and students for focused writing exercises and essays in 7th and 8th grade.
- Sixth grade uses a software program called KeyQuests to enhance computer and keyboarding skills. Sixth grade teachers also use the eInstruction Classroom Performance Systems – clickers – in their classroom to assess student achievement and effective instructional techniques.

Description of the professional development strategies to be used in providing in-service training to teachers and staff

North Harrison Middle School has at its disposal a full time technology integration specialist who will provide training and assistance to teachers and staff. The technology integration specialist works in all four corporation buildings and is also a licensed K-6 Indiana teacher who is responsible for coordinating all technology professional development activities in the corporation.

The professional development of teachers and staff will take place in the school corporation Professional Development Center (PDC) which is a modular classroom that is centrally located on the main campus. The PDC provides a quiet environment for teacher training and learning to take place. Many of the PDC activities occur during the school day as substitute teachers are provide for classroom teachers so they can learn and enhance their technology skills. Class sizes are kept small to allow for one on one attention.

Trainings taught in the PDC include but are not limited to the following: Windows, email, Internet, word processing and district supported and licensed software. As classroom teachers have SMART Board technology available in their classroom they will receive initial SMART Board training after the SMART Board is installed and will then receive a follow up training 4-5 weeks after the initial training. Teachers will receive additional training each year to learn new tips about the SMART Board and to provide an opportunity to network and develop SMART Board lessons with other corporation teachers.

Aside from the formal training in the PDC, North Harrison technology staff provides just in time training for all teachers and staff. The technology integration specialist and technology support specialist complete what is termed as a "building walkthrough" to assess and respond to any technology concerns in the buildings. This eliminates the need for a formal help desk solution and allows issues to be dealt with immediately instead of accumulating. The technology integration and technology support specialist are also available by appointment during planning times for teacher training and support.

Process of how the need for the Internet, telecommunications and other technology in the school will be assessed

The technology staff uses a number of ways to assess and evaluate the technology used at North Harrison Middle School and actively seeks input from classroom teachers regarding their technology needs.

With the technology staff present in the building, open communication between school staff and the technology staff occurs. When suggestions are received, the technology staff actively seeks out solutions by contacting vendors, attending technology conferences, and by staying current with best classroom technology practices through journals and magazines.

The technology staff in cooperation with the classroom teacher seeks to find ways to streamline the process of using technology in the classroom so that the teacher can teach without concerns that the technology is going to work or not. When a solution is found the technology staff then works quickly to implement this solution for other classroom teachers.

The technology staff will conduct a survey to assess our facility and its technology needs. This assessment will allow us to stay current with emerging technologies, collect end user input, gather information about end user utilization and determine professional development needs.

The technology staff along with a committee of staff members from the building will develop and distribute a survey to staff to identify hardware and software needed to improve technology

integration. This survey will also include an assessment of the effectiveness of technology that is currently in use and an assessment of end user technology training needs.

The survey data will be compiled and analyzed to identify opportunities for improvement in hardware, software and training to support North Harrison's school improvement goals and align with Indiana Academic Standards. The need for additional services, hardware, software and training will be reviewed. Staff will be encouraged to attend workshops based on the results of this survey. This training will enable teachers to utilize best practices for integration of technology into their curriculum. The technology plan will be revised to meet these needs.

Strategy of how the overall program will be assessed and evaluated

The North Harrison technology staff is responsible for the overall assessment and evaluation of the district technology plan. The technology staff is constantly assessing and monitoring the use of technology in the school determining what is working and what is not working.

Strategies used to assess and evaluate the overall technology program include:

- Continuation of an ongoing school community and district technology user committee to promote dialogue centered on technology literacy and K – 12 technology curriculum.
- Ongoing evaluation of K – 12 curriculum and staff development using National Technology Standards for Students and Teachers.
- Annual review of the district technology plan including the technology budget, disaster recovery plan, hardware/software inventory and maintenance plan.
- Application of research and best practices knowledge.
- Evaluation of technology needs survey results.
- Review of post-course written evaluation forms.
- External evaluation by professionals in the field.

Section II

North Harrison High School

Description of how the school will integrate technology and the Internet into the curriculum

North Harrison High School will work to integrate technology and the Internet into the curriculum by utilizing technology to engage and challenge students on their own skill level.

Technology to accomplish this task will include the following resources:

- Connectivity for all learners. All teachers and students will have access to multimedia computers in their classrooms to access the Internet and applications.
- Renaissance Place is a web based software package that consists of Accelerated Reader, Accelerated Math, STAR Reading, STAR Math, STAR and Math Facts in a Flash. This software is utilized in all K-12 buildings at North Harrison. The STAR pieces of this package allow teachers to evaluate students periodically through the year. The results of these assessments will be used to customize curriculum to fit the student needs.
- Homework Hero, an online homework information service, is used by teachers to inform students and parents of curriculum, lessons, activities and homework.
- The Harmony school management program to be implemented this calendar year will give parents online access to their child's grades, attendance, discipline, and cafeteria account. This access will allow teachers and parents to work more closely together for the best interest of the child.
- Unitedstreaming.com subscription to access videos, writing prompts, images, sounds, articles, speeches and lessons. Unitedstreaming.com has high quality content and teaching resources aligned to Indiana academic standards.
- The three school computer labs will assist teachers to integrate writing into their classrooms. Students will use the labs to conduct research on the Internet and complete essays in Word and presentations in PowerPoint for a variety of topics related to their curriculum.
- All computer labs in the high school are equipped with a software program called SynchronEyes which allows teachers to demo and display student work to all computers in the computer lab. This provides an easy way for teachers to present a lesson to all students simultaneously and also keep students focused and on task.
- The high school offers a business technology lab which is required of all 9th grade students. The business technology lab aligns to the requirements of the IC3 assessment which is the Internet Core Computing Certification. This program is designed and implemented to teach students digital literacy skills involving basic computer and Internet use.
- SMART Boards and projectors are currently installed in social studies and science. The science teachers also have document cameras that are utilized in the science classrooms. Math and foreign language will have SMART Boards and projectors available for use at the start of the 2008-2009 school year.
- English classes have begun using Flip It video cameras as a way to record video/audio for class projects. Students then take the content from the Flip It video camera and use Windows Movie Maker to create and display their work utilizing the mounted projector in the English classroom.

Description of the professional development strategies to be used in providing in-service training to teachers and staff

North Harrison High School has at its disposal a full time technology integration specialist who will provide training and assistance to teachers and staff. The technology integration specialist works in all four corporation buildings and is also a licensed K-6 Indiana teacher who is responsible for coordinating all technology professional development activities in the corporation.

The professional development of teachers and staff will take place in the school corporation Professional Development Center (PDC) which is a modular classroom that is centrally located on the main campus. The PDC provides a quiet environment for teacher training and learning to take place. Many of the PDC activities occur during the school day as substitute teachers are provide for classroom teachers so they can learn and enhance their technology skills. Class sizes are kept small to allow for one on one attention.

Trainings taught in the PDC include but are not limited to the following: Windows, email, Internet, word processing and district supported and licensed software. As classroom teachers have SMART Board technology available in their classroom they will receive initial SMART Board training after the SMART Board is installed and will then receive a follow up training 4-5 weeks after the initial training. Teachers will receive additional training each year to learn new tips about the SMART Board and to provide an opportunity to network and develop SMART Board lessons with other corporation teachers.

Aside from the formal training in the PDC, North Harrison technology staff provides just in time training for all teachers and staff. The director of technology works out of the high school building and provides most of the front end support for staff and students. The technology integration specialist and technology support specialist complete what is termed as a "building walkthrough" to assess and respond to any technology concerns in the buildings. This eliminates the need for a formal help desk solution and allows issues to be dealt with immediately instead of accumulating. The technology integration and technology support specialist are also available by appointment during planning times for teacher training and support.

Process of how the need for the Internet, telecommunications and other technology in the school will be assessed

The technology staff uses a number of ways to assess and evaluate the technology used at North Harrison High School and actively seeks input from classroom teachers regarding their technology needs.

With the technology staff present in the building, open communication between school staff and the technology staff occurs. When suggestions are received, the technology staff actively seeks out solutions by contacting vendors, attending technology conferences, and by staying current with best classroom technology practices through journals and magazines.

The technology staff in cooperation with the classroom teacher seeks to find ways to streamline the process of using technology in the classroom so that the teacher can teach without concerns that the technology is going to work or not. When a solution is found the technology staff then works quickly to implement this solution for other classroom teachers.

The technology staff will conduct a survey to assess our facility and its technology needs. This assessment will allow us to stay current with emerging technologies, collect end user input, gather information about end user utilization and determine professional development needs.

The technology staff along with a committee of staff members from the building will develop and distribute a survey to staff to identify hardware and software needed to improve technology

integration. This survey will also include an assessment of the effectiveness of technology that is currently in use and an assessment of end user technology training needs.

The survey data will be compiled and analyzed to identify opportunities for improvement in hardware, software and training to support North Harrison's school improvement goals and align with Indiana Academic Standards. The need for additional services, hardware, software and training will be reviewed. Staff will be encouraged to attend workshops based on the results of this survey. This training will enable teachers to utilize best practices for integration of technology into their curriculum. The technology plan will be revised to meet these needs.

Strategy of how the overall program will be assessed and evaluated

The North Harrison technology staff is responsible for the overall assessment and evaluation of the district technology plan. The technology staff is constantly assessing and monitoring the use of technology in the school determining what is working and what is not working.

Strategies used to assess and evaluate the overall technology program include:

- Continuation of an ongoing school community and district technology user committee to promote dialogue centered on technology literacy and K – 12 technology curriculum.
- Ongoing evaluation of K – 12 curriculum and staff development using National Technology Standards for Students and Teachers.
- Annual review of the district technology plan including the technology budget, disaster recovery plan, hardware/software inventory and maintenance plan.
- Application of research and best practices knowledge.
- Evaluation of technology needs survey results.
- Review of post-course written evaluation forms.
- External evaluation by professionals in the field.

Section III

Budget

	2008-09	2009-10	2010-11
Hardware	\$200,000	\$200,000	\$200,000
Software	\$75,000	\$75,000	\$75,000
Professional Development	\$25,000	\$25,000	\$25,000
Telecommunications	-	\$30,000	\$10,000