

3- Year Technology Plan Checklist

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

Corp#: _____

Corp Name: _____

New Plan Period: 7/1/09 to 06/30/12

Contact Name: _____

Creation Date of Technology Plan DRAFT:

Phone: (____) _____ Ext. ____

_____ (Date your plan was first written - Before filing 470 in any year)

E-Mail: _____

Description

Section I - A corporation overview that is aligned with local corporation initiatives (not more than three pages) that addresses:

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:

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.

	2009-10	2010-11	2011-12
Hardware:	\$ _____	\$ _____	\$ _____
Software:	\$ _____	\$ _____	\$ _____
Professional Development:	\$ _____	\$ _____	\$ _____
Telecommunications	\$ _____	\$ _____	\$ _____

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.

Technology Plan 2009 - 2012

School Town Of Speedway

Corporation Number: #5400

**5335 West 25th Street
Speedway, Indiana 46224**

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I. Corporation Overview

1a. District Mission

It is the mission of Speedway Schools to inspire and prepare students to embrace the responsibilities of today and the possibilities of tomorrow.

1b. Technology Mission

The community of learners for the School Town of Speedway will be productive members of society able to use current and emerging technologies as tools for lifelong learning.

1c. Technology Vision

We believe technology should be implemented when it enhances the teacher's ability to meet the needs of all students in the classroom, enhances curriculum in a way that allows students to be more successful at accessing and using information, motivates students to be more actively involved in the learning process, provides specific solutions for specific needs and provides opportunities for staff to research and develop new applications of technology.

Our vision in Speedway is to educate all students so they will meet or exceed state and local standards. We see technology as becoming a support tool to open new ways to gather, process, and present information. Our community of learners will continue to change, as new technology becomes available. We will be proficient in researching, evaluating, and implementing ideas and processes that help us accomplish our goals. We see technology as a way to improve what we do and open new arenas to explore.

1d. Goals

Technology will be used to ensure that the needs of all Speedway students are met regardless of their background, ability, and/or learning style.

Technology will be used to support teachers in their instructional and non-instructional duties to maximize efficiency and student learning.

Continued professional development will provide the Speedway staff the expertise to fully utilize the technology provided by our corporation.

2a. Technology Infrastructure - Hardware

As educational technology has matured into a more "mission critical" component of the modern school system, system reliability, and data security become more important than ever. Every system, whether providing student information, curricular enhancement, staff services or cafeteria point-of-sale, have to be working when and where they are needed to limit disruptions to a tightly scheduled school day.

By regularly replacing workstations, servers, network electronics, and power protection equipment, we are able to increase the speed, capacity and reliability of technology services and control maintenance costs through warranty coverage. For servers, we require redundant power supplies, RAID storage, and backup memory processing capabilities. For network electronics we utilize redundant equipment and communications channels when feasible and keep spare equipment on hand. Workstations are replaced every 3-5 years and are covered by extended warranties, spare parts supplies and spare units for the most critical applications.

The current minimum specifications for workstations used by students and staff are as follows: Intel Pentium 4 2.8 GHz processor, 512 MB RAM, 40 GB hard disk drive, CD-ROM drive and a 15" LCD flat screen monitor. The latest workstations purchased are: Intel Core2 1.866 GHz processor, 2 GB RAM, 80 GB hard disk drive, DVD-ROM drive and a 17" LCD flat screen monitor. New workstations also include gigabit Ethernet adapters.

Our district-wide fiber optic network continues to provide gigabit data connections for each building to an enterprise level, Cisco 4500 routable switch located in the high school data center. We have recently added a Cisco Wireless Access Controller and a limited number of wireless access points for specific areas of each building. At the present time, the wireless is used only by teachers and administrators with notebooks and hand-held devices.

Elementary portable labs have, for the time being, been replaced by fixed labs of desktop computers. Four elementary labs were recently upgraded to include the newest computers and rewired for direct, gigabit data connections to each workstation.

The consolidation of servers to a shared data center is complete. Rack mount servers with redundant power supplies, RAID arrays and dual processors provide all data and services to 1600 students and 200 staff members spread across five locations. The data center is also the demarcation point for the three T-1 circuits used to access the internet.

2b. Technology Infrastructure – Software

Although most of the workstations purchased in the last year include licenses for Windows Vista, we continue to use a standard configuration based on Windows XP Professional. The stability of the XP platform along with software and hardware compatibility issues means that it will remain our primary operating system for the near future. We utilize the windows components Internet Explorer and Windows Media Player for most web browsing and multi-media applications. All workstations are connected to the network and configured for Internet access.

Staff, and students with parental permission, are allowed access to the Internet though Lightspeed Total Traffic Control (TTC). The TTC server provides logging, web filtering, forces "safe search" setting for major search engines as well as protects against virus attacks. For teachers and administrators, TTC filters spam email and provides daily reports on student activities.

The primary server operating system continues to be Novell Netware with Novell eDirectory.

We rely heavily on Novell Zenworks Desktop Management to deliver applications, icons and settings. It also allows us to remotely view and control desktops and deliver new and reconfigured images when needed.

We have recently purchased enough licenses the Microsoft Office 2007 to cover all workstations in the district. This is the first office suite upgrade since 2000. We have currently deployed Office 2003 and will roll out 2007 in the next year. Each workstation also has access to The Academy of Reading, The Academy of Math, and the A+ Applied Learning System. In 2007, we began using Success Maker. These applications provide numerous opportunities for basic and advanced users to improve their skills on an individualized basis. The Junior High supplements books available in the media center with the Accelerated Reader program for reading comprehension tests.

In the summer of 2008, we replaced SASIxp, Integrate Pro, Parent Connect and K12 Datamine programs with PowerSchool Premier. A single, centralized database for all student data saves us time in implementation and support.

2c. Infrastructure Plans

We plan to continue the resume replacing workstations as the five year warranties begin to expire in 2010. Servers and network electronics will be upgraded and replaced as necessary.

Now that we have a wireless controller, we plan to add access points to each of our buildings until we eventually have as close to 100% coverage as possible. Wireless site surveys are planned for the Junior High and High School, the two largest and most complex buildings in the district. The remaining buildings are one-story, smaller structures that can easily be covered by fewer than five access points at each location.

Administrators are already using the wireless network for their notebooks and handheld devices and a project underway to provide wireless notebooks for the High School science and media centers will serve as trial run for additional expansion.

Upgrades and improvements to printing services, café POS software, web services are also planned for upcoming three year plan period.

3. Technology In Support Of Teaching And Learning

We will continue to find ways to increase proficiency with technology for students, staff, and teachers. By identifying and addressing the technology needs of teachers, we hope to increase understanding and application skills for the students. The Technology Leadership Committee will work for all Speedway students to meet the state guidelines for demonstrating technology competencies, which include the ability to:

- Evaluate, select, and apply appropriate technology tools and resources.
Use telecommunications tools and resources to meet needs for collaboration, research, publication, communications, and productivity.

- Use technology tools for managing and exchanging information.
- Use technology tools for information analysis, problem solving, and decision-making.
- Design, develop, publish, and disseminate information, models, or other creative products that include printed information and graphics, charts, tables, or other visual elements.

4. Telecommunications Services

We are currently in the fourth year of a ten year contract with Cinergy Networks where they provide us with a district-wide high-speed fiber-optic network connecting each school to the high school data center. This network allows staff and students throughout the district to share data, applications and services, including internet access through the high school's three T1 lines. Plans for future telecommunications services include upgrading our phone system from POTS lines and T1 interconnects to a PRI based system that will interconnect buildings using VOIP on our current fiber. We are also evaluating web hosting services that will facilitate communication between the school staff and our community.

II. Building Level Technology Plans

Speedway High School School Town of Speedway

How will the school integrate technology into the curriculum?

Goal #1:

High school will provide ability for students and staff to use technology in both home and school to support learning objectives.

Measurable Objectives:

All classrooms will have presentation stations available for interactive learning.

All student and faculty members will have a login that will allow them to access their personal directory from any computer located outside the high school LAN.

Strategies:

Students will use an interactive response system that will allow teachers to quiz, survey, and receive instant feedback from every student on any topic.

Staff will have access to wireless slates that will allow them to teach from anywhere in the classroom and allow more options in making course content interactive.

Staff will have the capability of using remote access for planning and preparing assignments and computing student grades from any computer with Internet access located outside the building.

Students will have the capability of using remote access to help those complete assignments, presentations, and projects from any computer with Internet access located outside the building.

Goal #2:

Provide wireless capabilities throughout the building to increase computer availability.

Measurable Objective:

Students and staff can wirelessly access the network from any location in the building.

Strategies:

Media Center (1st floor) and Science department (2nd floor) will serve as test sites for initial implementation of wireless network.

Students and faculty will have access to laptop carts that can be checked out so computer use is not solely limited to lab situations.

Students and faculty will have more access to technology when researching or producing curriculum-based projects.

What professional development strategies will be used in providing in-service to teachers and staff?

Goal #3:

Acquire new skills and hardware to augment technology integration into the classroom.

Measurable Objective:

The staff will record their classroom integration of technology in their lesson plan books.

Strategies:

Professional Learning Community (PLC) technology committee will present hardware and software informational meetings to the faculty at least once each semester.

Administration will keep teachers up-to-date on workshops that are available involving the use of new technology.

Staff development options will be available to staff for acquiring the needed skills to use the new technologies.

How will the need for the Internet, telecommunication and other technology in the school be assessed?

The school will make recommendations to the District's Technology Leadership Committee (TLC) based on ongoing evaluation of PL221 goals. The TLC will meet monthly, prioritize recommendations from schools and implement the district plan so PL221 goals can be attained.

How will the overall program be continuously assessed and evaluated?

The School Improvement Team (SIT), Professional Learning Community (PLC), and the Faculty Council will assess, evaluate and make recommendations to the administration and members of the Technology Leadership Committee. The only software that will be considered for purchase would be ones that would help us meet our curricular needs and that supports the goals of our school improvement plan. Assessment and evaluation will be ongoing components of SIT, PLC, and Faculty Council.

Speedway Junior High School School Town of Speedway

How will the school integrate technology into the curriculum?

Goal #1:

All staff members will utilize technology as an instructional tool to enhance the presentation of their individual curriculums.

Language Arts and Spanish teachers will become proficient at using the technology and software that accompanied their newly adopted textbook series.

Measurable Objectives:

Through the use of periodic classroom visits Administration will record the use of technology as a learning tool.

Strategies:

As each area of curriculum comes up for textbook adoption, staff will be encouraged to evaluate these new textbooks and materials based on Indiana Standards covered as well as the technology these companies have to offer.

What professional development strategies will be used in providing in-service to teachers and staff?

Goal #2:

Staff will become proficient in using all hardware and software available in the building.

Staff will become proficient at using additional hardware and software as their curricular areas adopt new textbook series.

Measurable Objectives:

More staff members will include a technology component in their Goal Action Plans.

Strategies:

Staff will participate in peer coaching activities to gain knowledge and expertise with technology.

How will the need for the Internet, telecommunication and other technology in the school be assessed?

The school will make recommendations to the Technology Leadership Committee (TLC) based on ongoing evaluations of PL221 goals. The TLC will meet monthly, prioritize the recommendations from the school and implement the district plan so PL221 goals can be attained.

How will the overall program be continuously assessed and evaluated?

Software will be selected that aligns with the Indiana Academic Standards and school improvement goals. When appropriate, we will pilot software and analyze results before recommending purchasing.

**Newby Elementary School
School Town of Speedway**

How will Newby integrate technology into the curriculum?

Goal #1:

Students will receive technology instruction that is tied specifically to their grade level standards and content.

Measurable Objectives:

Completed grade level checklists will show that at least 50% of the technology instruction is specifically tied to grade level standards and content. The other 50% will be general technology instruction.

The technology teacher and the classroom teachers will compile a guide that records technology/content and technology/standards lessons taught during the school year. This

guide can be used as a model and amended each year of the plan.

Strategies:

Staff members will expand the existing technology curriculum map for Grades 1 – 6 by matching standards and adding strategies specifically targeted to the Indiana State Standards and content for each grade level.

A grade level checklist of integrated strategies for each grade 1 – 6 will be created from the curriculum map.

Computer teacher will work directly with staff members, as needed, to plan and deliver technology instruction to students as suggested by the curriculum map.

Students (general education, resource, ESL, and summer program participants) will use classroom workstations and lab workstations as prescribed by teachers to remediate or enrich learning.

GEI teams will employ available software in meeting GEI goals for individual students.

Goal #2:

Teachers will utilize software to individualize instruction.

Measurable Objectives:

75% passing rate on ISTEP+ Math

80% Math RIT scores on NWEA at or above grade level median

80% passing rate on ISTEP+ Language Arts

Strategies:

The Northwest test (NWEA) will be administered K-6 in the fall, 3-6 in the winter, and K-6 in the spring.

Mclass DIBELS, 3D Reading, and mClass math will be administered K-3 in the fall, winter, and spring. Progress monitoring will be ongoing in the interim with weekly assessments given to intensive students (Tier 3), biweekly assessments given to strategic students (Tier 2) and periodic assessments given to benchmark (Tier 1) students on an as-needed basis.

Successmaker reports will provide the third point of electronic data for triangulation.

What professional development strategies will be used in providing in-service to teachers and staff?

Use professional development days to write the curriculum map expansion.

Technology Teacher Leader at Newby will meet, as needed, with the district technology teacher and act as liaison to the staff.

Periodic discussion at staff meetings will provide collaboration opportunity. Technology Teacher Leader at Newby will monitor progress and plan professional development for the staff.

How will the need for the Internet, telecommunication, and other technology in the school be assessed?

The district Technology Leadership Committee works each year toward improvement of the technology status of the School Town of Speedway. The above-mentioned issues are handled at our district level. Newby's technology leadership committee representative is periodically asked to evaluate and extrapolate the future needs of our school. Participating in that district process will provide proper and timely information about our needs.

How will the overall program be continuously assessed and evaluated?

Students are given grades by the Technology Teacher each semester for the class they take called 'Computer' during the school year.

Strong student performance is expected in Computer class.

Informal conversation among staff members will take place during the year.

Teacher examination and use of the technology standards and content guide will be completed each year.

The Technology Teacher will communicate with classroom teachers and the school technology leader on a continuing basis throughout the year.

**Allison Elementary School
School Town of Speedway**

How will the school integrate technology into the curriculum?

Goal #1:

Every student grades 1-6 will utilize technology during computer classes.

Teachers will collaborate with the technology teacher to use the scope and sequence chart to create cross-curricular projects.

Teachers will utilize software to individualize instruction.

Measurable Objectives:

Teachers will track state standards using Vantage Point.

75% passing rate on ISTEP+ Math

80% Math RIT scores on NWEA at or above grade level median

75% passing rate on ISTEP Language Arts

Strategies:

Students will use skills taught through technology education.

The Northwest test (NWEA) will be administered K-6 in the fall, 3-6 in the winter and K-6 in the spring. mClass DIBELS , 3D Reading and mClass math will be administered K-3 in the fall, winter and spring. Progress monitoring will be ongoing in the interim with weekly assessments given to intensive students (Tier 3), biweekly assessments given to strategic students (Tier 2) and periodic assessments given to benchmark (Tier1) students on an as-needed basis.

Successmaker reports will provide the third point of electronic data for triangulation.

What professional development strategies will be used in providing in-service to teachers and staff?

Goal #2:

Every staff member will raise their proficiency with technology standards and implement the standards in the classroom.

Measurable Objectives:

Teachers will track state standards using Vantage Point technology.

Teachers will have working/updated web page by the end of the second month of each beginning school year.

Staff will use the networked computer educational program 3-5% more to help improve scores.

Strategy:

Utilize individual staff talents to support building technology proficiencies.

How will the need for the Internet, telecommunication and other technology in the school be assed?

The school will make recommendations to the Technology Leadership Committee (TLC) based on ongoing evaluation of PL221 goals. The TLC will meet regularly, prioritize recommendations from the schools and implement the district plan so the PL221 goals can be attained.

How will the overall program be continuously assessed and evaluated?

Through assessment vehicles on ISTEP+ Language Arts and Math scores, Northwest testing scores and Teacher observation of student improvements. The School

Improvement Committee will be responsible for assessing and evaluating the technology program in our school.

Wheeler Elementary School School Town of Speedway

How will the school integrate technology into the curriculum?

Goal #1:

Students and staff will use technology to support instruction in and outside of the school.

Measurable Objective:

Students will regularly use technology to research and support mastery learning of academic standards.

Strategies:

- Staff will be trained and have access to a variety of software (i.e. Waterford Early Literacy, Great Leaps math and reading, Success Maker reading, language and math; and, Northwest Assessment).
- Using the Internet to supplement curriculum.
- Using learned technology skills in Writer's and Reader's Workshop.
- Staff will include technology in their written lesson plans.
- Staff and students will have remote access to home directory.

Goal #1:

To provide on-going instruction for students utilizing technology standards.

Measurable Objective: Students will receive instruction in using technology to support learning.

Strategies:

- Students will produce products that demonstrate mastery of technology objectives.
- Students will receive technology instruction throughout the day as appropriate.
- Teachers will be provided professional development in using different forms of technology throughout the school year.

What professional development strategies will be used in providing in-service to teachers and staff?

Goal #2:

To acquire new skills to make the best use of technology for students.

Measurable Objective: Staff will learn and transfer new technology skills to his/her classroom.

Strategies:

- Staff will have a menu of training options based on a coaching model.
- Staff members will support each other in the use of new technology skills.
- Staff will keep web pages updated, as appropriate.
- Wheeler's Computer Liaison will update staff at regular meetings.
- Staff technology links will be added to Wheeler's website as a training resource.
- Teachers will include a technology component, as appropriate, in his/her Professional Goal Action Plan.

What hardware will be available to provide teachers with time efficient means to support skills taught?

Goal #3:

To provide up-to-date technology equipment.

Measurable Objective:

Teachers will maximize use of time by accessing appropriate technology hardware and software on the job.

Strategies:

- Staff will have efficient and accessible ways to print and retrieve materials.
- Staff will have reliable and conveniently accessible technology equipment. (copiers, laminators, recorders, digital cameras, presentation stations)
- Computer repairs will continue to be reported and resolved in a timely fashion.
- The Technology Leadership Committee will continue strategic planning and implementation.
- Accountability and data collection efforts will measure progress of goals.

How will the need for the Internet, telecommunication and other technology in the school be assessed?

Wheeler's Computer Liaison will seek input and data from staff members. The results will be discussed at staff meetings. The school will make recommendations to the Technology Leadership Committee based on ongoing evaluation of PL221 goals. The Technology Leadership Committee will meet regularly to prioritize recommendations from the schools and implement the district plan.

How will the overall program be continuously assessed and evaluated?

- a. Start with basic research by staff using program(s)
 1. Cost; Support of curriculum stated curriculum; Will program operate on current system; Is it upgradeable (free or charge); Training & support supplied; Interview users of software at other schools; Level of thinking; Supplemental supplies; Theme-based or skill-based; Efficient for classroom or individual use; Can it be teacher monitored; Easily accessible by students; Third-party software possible
- b. Model/demonstrate technology program to other staff members
- c. Implement technology
- d. Gather data (student and software) to evaluate success of the program

Fisher Elementary School School Town of Speedway

How will the school integrate technology into the curriculum?

Goal #1:

All staff members will become proficient in using technology as an instructional tool.

Measurable Objectives:

Each teacher will show the use of technology in the curriculum.

Each teacher may demonstrate personal growth throughout the school year by using technology for his or her professional growth plan.

Strategies:

Staff will continue to use technology for instruction (i.e., research projects, SuccessMaker, Acuity, MClass, Reading 3D, and Power School.)

Staff may select and use technology for their professional growth plan (Palm Pilot, Web Page, Power School, etc.)

Goal #2:

Staff will use technology to reinforce reading, writing, and math skills.

Measurable Objectives:

90% of all students meet ISTEP+ standards.

90% of all students meet NWEA Reading RIT scores above grade level

median.

Strategies:

Staff members will provide the necessary technology to students in order to increase reading, writing, and math skills (SuccessMaker, research papers on the computer, 6 + 1 Writing Traits, Reading3D, MClass, Acuity, and Web researching, etc.)

What professional development strategies will be used in providing in-service to teachers and staff?

Goal #3:

Each year, staff members will have the opportunity for staff development in technology.

Measurable Objectives:

Staff will demonstrate the use of technology through workshops.
Staff will incorporate many uses of technology into our staff development.

Strategies:

Staff will have the following technological areas for staff development: Fisher Elementary computer lab, Palm Pilots, Speedway Public Schools web site, Internet, and the Speedway Public Library.

Staff will have peer coaches for one another in implementing different types of technology.

How will the need for the Internet, telecommunication, and other technology in the school be assessed?

The staff members will make recommendations to the Technology Leadership Committee based on ongoing evaluation of the PL 221 goals. The district wide computer teacher will collaborate with the Fisher technology representative to discuss new ideas and new technology for the staff. The Technology Leadership Committee will meet monthly, prioritize the recommendations from schools and implement the district plan so PL 221 goals can be attained.

How will the overall program be continuously assessed and evaluated?

Only software will be selected that coincides with our curriculum,

assessment, and goals. Software will be purchased to meet our goals for reading, writing, and math in our school improvement plan. The school improvement committee will assess and evaluate the technology program.

III. Budget

	2009	2010	2011
Hardware	\$150,000	\$250,000	\$ 300,000
Software	\$120,000	\$50,000	\$65,000
Professional Development	\$30,000	\$30,000	\$30,000