

**NORTH JUDSON-SAN PIERRE SCHOOL CORPORATION
#7515**

Three-Year Technology Plan



July 1, 2013 – June 30, 2016

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North Judson-San Pierre Schools Tech Plan 2013-2016

North Judson-San Pierre Schools Technology Vision

North Judson-San Pierre Schools envision sustained technology integration to expand and enhance communication and the learning process. An evolving technological infrastructure supports 21st century teaching and learning. Technology tools support a learning environment that empowers students to develop their potential, take responsibility for their own success, and become life-long learners.

North Judson-San Pierre Schools Technology Mission

North Judson-San Pierre Schools are committed to providing a technology-rich environment that enhances teaching and learning. Equitable access to technology resources prepares students to become responsible users of technology in the workplace and in their personal lives.

Connection / Correlation to Existing School Improvement Plans

The North Judson-San Pierre Technology plan and its building components are closely aligned to the School Improvement Plans of each building. It also supports the Corporation goal of increased reading comprehension.

North Judson-San Pierre Schools Tech Plan 2013-2016

Introduction to Goals, Strategies and Metrics

The digital age in which we live, our students who learn differently than we did, and the technology now available to us demand and require changes in teaching and learning strategies. Various CAI programs provide tools for teachers to differentiate instruction for remediation, as well as to add depth to the curriculum for high ability students. The implementation of My Big Campus (MBC) beginning in the fall of 2013, gives K-12 teachers the ability to flip their classes, manage class content and include online digital resources, use safe social media tools, and guide and oversee student learning in a digital environment. Collaborative tools within My Big Campus and Google Docs expand the opportunities for student involvement outside of the school day and to manage their own learning to a certain extent. The ability of teachers to tie individual questions in assignments and tests to standards within MBC, provides additional data and opportunities for immediate feedback and remediation.

Many North Judson-San Pierre (NJ-SP) High School students have taken advantage of online courses for AP, remediation, credit recovery, and classes not offered or that will not fit in student schedules. NJ-SP teachers take advantage of online courses for professional development. Reading comprehension is the focus of all three school improvement plans and technology allows for individualized practice at the individual student's lexile level. Reading comprehension growth data is managed through various diagnostic tests, computer-assisted instruction, and comprehension tests.

As NJ-SP moves to the RISE rubric in the fall of 2013 for teacher evaluation, documentation of technology use and the effectiveness of that use, encourages teachers to become more proficient in the integration of technology as a teaching tool and as a student learning management tool. The libraries record computer use for research in the library proper, in computer labs, and in classrooms with the COWs. Students have access to several online databases and encyclopedias via *Inspire*, *Grolier Online*, *Newsbank*, *Infotrack*, and *SIRS*. The bibliographies and works cited pages of student research projects render additional data of technology integration. A variety of assessments, such as mClass, Scholastic Reading Inventory, End-of-Course Assessments, Acuity, and ISTEP, yield further data concerning the effectiveness of CAI and other digital teaching and learning tools.

The Corporation Technology Plan was formulated with the input of the Corporation Technology Committee and the three Building Technology Committees. The 2013-2016 Three-Year Plan will be overseen by the Corporation Technology Committee and the Corporation Technology Director. The Corporation Tech Committee will gather data from each of the Building Technology Committees to evaluate the effectiveness of the Plan and to make changes that may become necessary.

North Judson-San Pierre Schools Tech Plan 2013-2016

Corporation Technology Goals

Goal 1: North Judson-San Pierre students increase proficiency in an information-age, technological environment.

- Strategies:
- periodic training of K-9 teachers for effective use of reading programs
 - peer workshops, peer mentoring, online training, self-training
 - utilize CAI to increase reading comprehension
 - utilize online applications to increase overall proficiency across the curriculum
- Metrics:
- mClass (DIBELS, Text Reading Comprehension - TRC)
 - Scholastic Reading Inventory (SRI)
 - Indiana End-of-Course Assessments (ECA)
 - Acuity
 - ISTEP

Goal 2: North Judson-San Pierre students utilize a variety of technology tools to solve problems and communicate ideas.

- Strategies:
- peer workshops, peer mentoring and coaching, online training, self-training
 - utilize online databases for research to solve problems
 - communicate ideas and findings via Google Docs
 - utilize My Big Campus and other Web 2.0 tools
- Metrics:
- number and type of student projects
 - library records of usage
 - student works cited / bibliography pages
 - teacher lesson plans
 - RISE observations and forms
 - teacher activities on Google Docs
 - student activities on Google Docs

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Goal 3: North Judson-San Pierre teachers and students engage in learner-centered interactive collaboration.

- Strategies:
- peer workshops and collaboration, on-campus summer professional development, online training, peer mentoring and coaching
 - completed collaborative projects and assignments using Google Docs
 - completed assignments, quizzes, tests, and projects through My Big Campus
 - utilize other Web 2.0 tools

- Metrics:
- training session count, feedback
 - teacher lesson plans
 - RISE observations and forms
 - teacher My Big Campus activities
 - student My Big Campus activities
 - email usage reports from Achieve3000
 - MBC reports of standards-based scores

Goal 4: North Judson-San Pierre teachers and students are aided in their endeavors with effective technology support, purchases and infrastructure.

- Strategies:
- Tuesday Tips newsletter contains helpful technology tips and responses to technology questions for teachers and staff
 - Help Desk response time decreases
 - Bandwidth expanded as traffic increases
 - purchases made to increase access and ensure infrastructure stability
 - BYOD and 1:1 initiatives projected for 2013-2016

- Metrics:
- Tuesday Tips issues
 - Help Desk records
 - purchase orders
 - inventories
 - AUP amended for BYOD and/or 1:1

North Judson-San Pierre Schools Tech Plan 2013-2016

BUILDING LEVEL PLANS

North Judson-San Pierre High School Technology Goals

Goal 1: North Judson-San Pierre students increase proficiency in an information-age, technological environment.

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 - utilize CAI to increase reading comprehension
 - utilize online applications to increase overall proficiency across the curriculum
- Metrics:
- Scholastic Reading Inventory (SRI)
 - Indiana End-of-Course Assessments (ECA)
 - Acuity

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 - utilize other Web 2.0 tools
- Metrics:
- training session count, feedback
 - teacher lesson plans
 - RISE observations and forms
 - teacher My Big Campus activities
 - student My Big Campus activities
 - email usage reports from Achieve3000
 - MBC reports of standards-based scores

Support for Teaching and Learning

To prepare students of the digital age, the classroom needs to implement digital age tools. NJ-SP High School technology will support teaching and learning through:

Hardware such as

- Laptops (COWs)
- Library computers
- Computer labs

Sites and apps such as

- My Big Campus
- Google Docs
- Prezi
- Slide Rocket
- other tools to make teaching and learning portable.

My Big Campus offers a wide variety of options to keep learning an ongoing experience and to provide insight into topics for both the teacher and students. The ability to collaborate, communicate, and create in real time will open up a world of opportunities and learning experiences for teacher and student.

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Professional Development

In order to integrate and maximize technology in the classroom, teachers and students need to develop a working knowledge of what is to be used. The best way to do this is to provide training to the necessary stakeholders. The Technology Director, in conjunction with the Corporation Tech Committee, will organize a core of peer Technology Trainers to provide services necessary and set up the training sessions.

- Peer Tech Trainers teaching teachers on a simple one to one basis, training at work sessions or before/after school, or more intense training during the summer.
- Students as teachers-utilize students who are good with technology to teach and assist the teacher and other students
- Workshops/conferences- these will be utilized by teacher Tech Trainers to gain knowledge to bring back to teach peers

Assessment and Evaluation

A good technology plan should be a living document. An initial assessment of teachers and students will provide the framework for implementation of training and technology usage in the classroom. A mid-year check will determine whether the technology plan is being implemented, to what extent it is being used, and if training is necessary. A final assessment will determine if the implementation of the technology plan is successful and if teachers/students feel they have been given the tools and use of technology to accomplish the school's goals. The core of technology trainers will be provided with the training they need to stay current and "ahead of the game". As new technology is available to improve what is currently being used, teachers and students will implement that as well.

- Track lessons and logins of activity on MBC, Google Docs for teacher and student use
- Survey-staff & students-pre & post survey to determine the level of expertise and technology usage in and out of school; the professional development support needed; quality/quantity of technology usage;
- A mid year check for staff usage through a quick survey that gets information on usage comfort level, training needs, and quality of student work as a result.

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North Judson-San Pierre Middle School Technology Goals

Goal 1: North Judson-San Pierre students increase proficiency in an information-age, technological environment.

- Strategies:
- periodic training of K-9 teachers for effective use of reading programs
 - peer workshops, peer mentoring, online training, self-training
 - utilize CAI to increase reading comprehension
 - utilize online applications to increase overall proficiency across the curriculum

- Metrics:
- Scholastic Reading Inventory (SRI)
 - Indiana End-of-Course Assessments (ECA)
 - Acuity
 - ISTEP

Goal 2: North Judson-San Pierre students utilize a variety of technology tools to solve problems and communicate ideas.

- Strategies:
- peer workshops, peer mentoring and coaching, online training, self-training
 - utilize online databases for research to solve problems
 - communicate ideas and findings via Google Docs
 - utilize My Big Campus and other Web 2.0 tools

- Metrics:
- number and type of student projects
 - library records of usage
 - student works cited / bibliography pages
 - teacher lesson plans
 - RISE observations and forms
 - teacher activities on Google Docs
 - student activities on Google Docs

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Goal 3: North Judson-San Pierre teachers and students engage in learner-centered interactive collaboration.

- Strategies:
- peer workshops and collaboration, on-campus summer professional development, online training, peer mentoring and coaching
 - completed collaborative projects and assignments using Google Docs
 - completed assignments, quizzes, tests, and projects through My Big Campus
 - utilize other Web 2.0 tools
- Metrics:
- training session count, feedback
 - teacher lesson plans
 - RISE observations and forms
 - teacher My Big Campus activities
 - student My Big Campus activities
 - email usage reports from Achieve3000
 - MBC reports of standards-based scores

Support for Teaching and Learning

The North Judson-San Pierre Middle School will support teaching and learning through:

- Laptops (COWS)
- Library Computers
- Computer Labs
- Interactive white boards

Apps, Sites and Software:

- Google Docs
- My Big Campus
- Prezi
- Scholastic Reading Counts
- Slide Rocket
- Acuity, Education City

Professional Development

Professional development for the stakeholders will include:

- Summer workshops
- Peer Tech Trainers teaching teachers on a simple one to one basis, training at work sessions or before/after school
- Scheduled time during staff meetings

North Judson-San Pierre Schools Tech Plan 2013-2016

Assessment and Evaluation

The progress of the plan at the building level will be determined through:

- monitoring student academic growth with the usage of technology.
- monitoring technology usage by teachers. (i.e., lesson plans, observations)
- monitoring technology usage by students. (i.e. lesson plans, artifacts)
- reviewing the technology integration plan annually.

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North Judson-San Pierre Elementary School Technology Goals

Goal 1: North Judson-San Pierre students increase proficiency in an information-age, technological environment.

- Strategies:
- periodic training of K-9 teachers for effective use of reading programs
 - peer workshops, peer mentoring, online training, self-training
 - utilize CAI to increase reading comprehension
 - utilize online applications to increase overall proficiency across the curriculum
- Metrics:
- mClass (DIBELS, Text Reading Comprehension - TRC)
 - Scholastic Reading Inventory (SRI)
 - Acuity
 - ISTEP

Goal 2: North Judson-San Pierre students utilize a variety of technology tools to solve problems and communicate ideas.

- Strategies:
- peer workshops, peer mentoring and coaching, online training, self-training
 - utilize online databases for research to solve problems
 - communicate ideas and findings via Google Docs
 - utilize My Big Campus and other Web 2.0 tools
- Metrics:
- number and type of student projects
 - library records of usage
 - student works cited / bibliography pages
 - teacher lesson plans
 - RISE observations and forms
 - teacher activities on Google Docs
 - student activities on Google Docs

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Goal 3: North Judson-San Pierre teachers and students engage in learner-centered interactive collaboration.

- Strategies:
- peer workshops and collaboration, on-campus summer professional development, online training, peer mentoring and coaching
 - completed collaborative projects and assignments using Google Docs
 - completed assignments, quizzes, tests, and projects through My Big Campus
 - utilize other Web 2.0 tools
- Metrics:
- training session count, feedback
 - teacher lesson plans
 - RISE observations and forms
 - teacher My Big Campus activities
 - student My Big Campus activities
 - email usage reports from Achieve3000
 - MBC reports of standards-based scores

Support for Teaching and Learning

NJ-SP Elementary technology will support teaching and learning through:

- Hardware: Neos, Chromebooks, imacs, document cameras, digital projectors, interactive whiteboards
- Apps, Sites, & Software: Typing Club, Google Docs, Bean, Expertspace, Prezi, EducationCity, Achieve 3000, Brainpop, Starfall, Read About, Reading A to Z, Reading Counts, Academy of Reading, Acuity

Professional Development

Professional Development will be conducted through:

- Summer workshops
- Scheduled collaboration time
- Scheduled time during staff meetings
- Offering shorter lessons before/after school and during collaboration. (i.e., mCLASS)
- Offering one-on-one assistance through the district's tech department

The Corporation Technology committee will have the responsibility for coordinating professional development.

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Assessment and Evaluation

The progress of the plan at the building level will be determined through:

- monitoring student academic growth with the usage of technology.
- monitoring technology usage by teachers. (i.e., lesson plans, observations)
- monitoring technology usage by students. (i.e., lesson plans, artifacts)
- reviewing the technology integration plan annually.

New technology opportunities will be continuously evaluated through:

- ongoing reviews of professional journals then dissemination of appropriate ideas and or product information
- discussions with colleagues at the Corporation Tech Committee meetings