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TECHNOLOGY PLAN SUMMARY SHEET

District: Carney-Nadeau Public School   School Code: 55010

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Years Covered by this plan: July, 2009 to June, 2012

Date of next state review (3 years from start date) 2012

Intermediate School District: Menominee ISD

URL for Technology Plan: www.cnps.us

Table of Contents   Page:

Carney Nadeau Public Schools

District Profile

Carney Nadeau Schools

- 151 U.S. Highway 41, Carney, Michigan
- 265 students K-12
- 65% Free and Reduced Lunch
- 95% Caucasian, 5% Native American
- Rural, sparsely populated very small public school district

School Buildings

- *Carney-Nadeau Elementary: 9 classrooms, 9 full time teachers, 140 students K-6*

- *Carney-Nadeau High School, 9 classrooms, 9 full time & 1 part time teachers, 115 students 7-12*

District Mission Statement

The Carney-Nadeau Public School is committed to excellence for all students. We believe that the school must provide a safe and orderly environment in which learning can occur. Through the partnership of school and community, we will form a positive attitude toward education. We will strive to educate all students and to instill the basic and the technological skills that lead to intellectual, social, emotional, physical, and cultural development.

Carney Nadeau Public Schools
VISION AND GOALS

Background:

The Technology Committee has been meeting throughout the past three years revising and updating the schools technology plan and technology goals over the past three years. The previous plan covered the years 2006 to 2009.

District technology vision/mission statement:

Our vision at Carney-Nadeau Public School is to allow all students to acquire the necessary technological skills to allow them to maximize their educational experience while in school. Our further mission is to give them the necessary skills to enter the job force or to go on for further schooling or training. We hope to enrich the lives of students, faculty, staff and community members through our technology plan.

How the technology plan ties in with the district mission and school improvement plan:

The technology plan is designed to support the school improvement plan and provide for the technology necessary to ensure the goals of the school improvement plan can be met. The Technology Plan is also designed to help guide and teach the students using the most recent technology possible.

Major goals and strategies of the technology plan:

The District's intent is to highly integrate technology into teaching and learning to facilitate increased student achievement while addressing the State and Federal Standards.

- Teaching staff will continue to undertake training to help them become more informed and effective educators through the use of up-to-date technology.
- Teaching staff will continue to encourage and facilitate student-directed learning through technology.
- Teaching staff will utilize problem-based learning, using technology to solve real life problems using real world data with an authentic outcome for a real world audience.
- We will utilize technology to facilitate and improve communication via e-mail and web-based sites, etc. between all persons involved in our school and our community.

Goals for district teachers and students:

- Teaching staff will continue to undertake training to help them become more informed and effective educators through the use of up-to-date technology.
- The District's intent is to highly integrate technology into teaching and learning to facilitate increased student achievement.
- The District's intent is to train students in basic and ethical technology use so it can be utilized while the students are in high school.

DISTRICT TECHNOLOGY PLANNING TEAM

Name	Position
• Steven Martin	Superintendent
• Steven Martin	Principal
• Randolph Severinsen	High School Social Studies teacher.
• Paul Polfus	Sixth Grade Teacher
• Pauline Poupore	Fourth Grade Teacher.
• John Eichhorn	High School Math teacher.
• Dana Dziedzic	High School Technology teacher.
• Jeanne Foster	Executive Secretary.

CHANGE 2010-2011

Rob Willman   Principal

Radolph Severinsen   HS Teacher

Paul Polfus   Elem Teacher

Rani Hoffman   Elem Teacher

Dana Dziedzic   HS Tech Teacher

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CURRICULUM

A.   **Students leaving Carney-Nadeau Public Schools will have attained the technology content standards as defined by the State of Michigan.**

K-2 Educational Technology Content Standards and Expectations:

Basic Operations and Concepts
- Use of classroom student computers (Typing, Games, computer learning centers)

Social, Ethical and Human Issues
- Class discussion and practice of proper uses of technology

Technology Productivity Tools
- Computer use in class
- Accelerated Reader

Technology Communication Tools
- Class discussion and practice

Technology Research Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science
- Accelerated Readers

Technology Problem Solving and Decision Making Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science
- Accelerated Readers

3-5 Educational Technology Content Standards and Expectations:

Basic Operations and Concepts
- Use of classroom student computers (Typing, Games, computer learning centers)
- Increase use of technology in class work. (Typed writing assignments and Social Studies and Science Projects)

Social, Ethical and Human Issues
- Class discussion and practice of proper uses of technology
- Application through class projects

Technology Productivity Tools
- Computer use in class
- Accelerated Reader
- Accelerated Math

Technology Communication Tools
- Class discussion and practice
- Online Grades (Student and Parent Access)
- Email communication

Technology Research Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science
- Accelerated Readers

Technology Problem Solving and Decision Making Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science
- Accelerated Readers
- Accelerated Math

6-8 Educational Technology Content Standards and Expectations:

Basic Operations and Concepts
- Use of classroom student computers (Typing, Games)
- 6th grade typing and intro class
- Tech 7&8: Focus on ethical and practical use of technology (Microsoft Office, PowerPoint, Movie Maker)
- Increase use of technology in class work. (Typed writing assignments and all Class Projects)

Social, Ethical and Human Issues
- Class discussion and practice of proper uses of technology (Unit provided in 6th grade class and Tech 7 & 8
- Application through class projects

Technology Productivity Tools
- Computer use in class
- Accelerated Reader
- Accelerated Math

Technology Communication Tools
- Class discussion and practice

- Online Grades (Student and Parent Access)
- Email communication

Technology Research Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science
- Accelerated Readers

Technology Problem Solving and Decision Making Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science
- Accelerated Readers
- Accelerated Math

9-12 Educational Technology Content Standards and Expectations:

Basic Operations and Concepts
- Use of classroom student computers (Typing, Games, computer)
- Increase use of technology in all class work.
- Opportunity for advanced tech use in HS Tech and Yearbook
- Use of digital images, photography and ethical usage

Social, Ethical and Human Issues
- Class discussion and practice of proper uses of technology (Units from previous classes reviewed. Posted in Student Handbooks)
- Application through class projects

Technology Productivity Tools
- Technology use in class
- Online Course offerings (MI Virtual HS)
- Online Dual Enrollment Classes (State and Local Community Colleges)
- Accelerated Reader
- Accelerated Math

Technology Communication Tools
- Class discussion and practice
- Online Grades (Student and Parent Access)
- Email communication
- Assignment Postings and Application through MOODLE
- Class work Postings on Staff Websites

Technology Research Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science

- Accelerated Readers

Technology Problem Solving and Decision Making Tools
- Class discussion and practice of proper uses of technology
- Use of technology in Social Studies and Science
- Accelerated Readers (Special Ed and Additional Help)
- Accelerated Math (Special Ed and Additional Help)

B. **We will utilize available audio-visual technology, objective-based mastery learning, and problem-based learning to integrate technology into our curricula. Our timelines for implementing technology integration into curriculum and instruction is in progress and will continue until the end of this plan.**

C. **Accelerated Math and Accelerated Reader** are objective-based learning strategies that will continue to be used.
- **Virtual High School and Online Dual Enrollment Courses** (from various community colleges and state universities) will continue to be used.
- The district will implement **a Fifth and Sixth Grade keyboarding course.**

D. **The district will continue to improve its web site to facilitate communication by parents with teachers.**
- The newsletter, which includes information on important events including Parent-Teacher conferences, PTO meetings etc. currently published in the local paper will also be posted on the school web site.
- The district will continue to utilize the web based grade book that allows students and parents to check grades and attendance online.
- The district will continue to post board minutes, annual reports and the school improvement plan.
- This technology plan will also be posted in this web site, including information on how it will be used with their students.

E. **Adult Ed and GED Programs:** CNPS currently works with North Menominee County Community Schools in an effort to provide adult and alternative learners with completion of Alternative diplomas and GEDs. CNPS does not offer these programs because of our small size; however, CNPS will continue to provide support to both the NMCCS and its local learners.

PROFESSIONAL DEVELOPMENT

F.   The technological skill levels of our teaching staff are in a state of continuous improvement. It has improved greatly within the last 10 years, as outlined in the former district technology plan. The following strategies will improve curriculum integration of technology and support required competencies regarding state and federal standards for all staff.

Carney-Nadeau Public Schools will continue to provide:
- Direct staff technology training in-house
- Direct staff technology training via the ISD
- Direct staff technology training as offered throughout the Upper Peninsula
- Staff will maintain a log for the Principal on their professional development hours.

These strategies are in progress and will continue until the end of this plan.

G.   The plan includes a variety of basic supporting resources such as the following:

- A section of the school library will be devoted to technology, providing resources to both students and the community.
- The district will continue to utilize the support services of Teck Solutions to ensure the technologies remain in working order.
- The software the district uses will continue to be updated to keep pace with contemporary developments.
- The district will continue to maintain an informational school web site, which is updated daily, weekly and monthly.
- The district provides access to REMC, including video streaming.
- The district will obtain video conferencing services that will be used to support learning and operational goals, including virtual field trips. This will be obtained with the ISD and surrounding local districts.

The majority of these goals have been implemented and need only to be maintained and updated. All other goals will be implemented immediately as funding becomes available.

INFRASTRUCTURE/TECH SUPPORT
HARDWARE – SOFTWARE

H. The current available infrastructure includes the following:
- Internet delivered via the network is a T1 connection provided by AT&T over copper wire to the district.
- Tech Ed room consisting of 30 computers all purchased in 2008.
- An elementary lab consisting of 20 computers approximately 1 year old.
- A six-year old wireless lab supporting 30 laptop computers. (In 2009 these computers will be replaced with new laptops.
- Al classrooms have at least one computer and one ink jet printer.
- Telephone system was updated in 2007 with extensions in all classrooms and the entire central office.
- 12 data projectors and 2 electronic document projectors.
- Each classroom has a "Carney Cable TV" connection, but not all classrooms have a television.
- Scanners are available to support Accelerated Math.
- Four networked laser printers.
- Central Technology room that hosts the districts four servers.
- After school tutoring allows opportunities for students who do not have Internet or computer access at home to complete school homework, online courses and college applications.
- The entire community has access to the school facilities through appointments that can be scheduled in the front office.
- Tech support is provided through contracted services each year.

The following infrastructure items need to be acquired:

Timeline/Estimated Cost	Item
As funding becomes available/ $5000 per year	Replacement of Laptops for wireless lab.
• As funding becomes available/$15,000/year	Ongoing computer replacement timeline.
• 2009 (Or when cable becomes available) /$3,000	Video conferencing equipment.
• Progressive, as funding becomes available/$5,000	Wireless system building-wide.
As funding becomes available/ $2000 per year	Replacement of teacher desktops with laptop computers.
• As funding becomes available/ $20,000	Software upgrades
• As funding becomes available/ $20,000	Computerized learning labs Including video microscopes.
• As funding becomes available/$6,000 per year	Upgraded printer

Timeline/Estimated Cost	Item
As funding becomes available/ $4000 per year	Additional digital document projectors for all classrooms
As funding becomes available/ $400	Digital Cameras for school wide and yearbook use
• As funding becomes available/ $500	Digital Scanners for school wide and yearbook use
• As funding becomes available/ $1,000 per year	Assistive technologies for students with special needs as they are Identified.

Total Cost over course of plan implementation: $81,900

I. The above strategies will increase access to technology for all students and all teachers.

FUNDING AND BUDGET

J. **Timeline and budget covering the acquisition, implementation, interoperability provisions, maintenance and professional development related to the use of technology to improve student academic achievement.**

Projected Spending
2009-2010:
Salaries and Benefits: $65000
Licensing: $3000
Hardware: $5000-$8000
Contracted Services: $12000

2010-2011:
Salaries and Benefits: $66000
Licensing: $3000
Hardware: $5000-$8000
Contracted Services: $12000

2011-2012:
Salaries and Benefits: $67000
Licensing: $3000
Hardware: $5000-$8000
Contracted Services: $12000

Total for all Three Years:
Salaries and Benefits: $198000
Licensing: $9000
Hardware: $15000-$24000
Contracted Services: $36000

Total: $258000

K. **Coordination of Resources**

Strategies that will be employed to coordinate state and local resources to implement activities and acquisitions prescribed in the technology plan.

Carney-Nadeau Public Schools creates a technology budget yearly within its yearly district budget. That budget includes the necessary amount transferred

funds from the General Fund, as well as expenditures from alternative revenue sources that include USF, ARRA, additional grants (2% Hannahville Indian Community) and Federal/Title Funds when appropriate. Each year revenues and possible increases and/or decreases in expenditures are evaluated to determine the priority of needs for the district.

MONITORING AND EVALUATION

L. **The committee will convene quarterly to share anecdotal reports and remarks on the effectiveness of integrating technology into curricula and instruction, increasing the ability of teachers to teach, and enabling students to reach challenging State academic standards. Parents, board members and other community members will also be invited to share successes and areas of improvement.**

- Adjustments to the plan's implementation will be made based on these meetings.
- The committee will evaluate the extent to which the goals have been met, as well as any unexpected outcomes.
- The committee will develop a corrective plan for unmet goals.
- Progress will be measured using a physical accounting as items are acquired.
- Adequate yearly progress will be measured using:
  MEAP tests
  Michigan Technology content standards
  Michigan Framework technology benchmarks

M. **Acceptable Use Policy**

The Carney-Nadeau Acceptable Use Policy for students and staff is included in this document, which is on-line via the school web site and is provided each year with the School Handbook. A sub committee of the Technology Use Policy will review and update the existing policy annually.

Strategies are in place to monitor the district's Acceptable Use Plan for staff and student use of the technologies.

16

Carney-Nadeau Public School
Computer & Internet Contract
Acceptable Use Policy

Use of the Internet provides great educational benefits to students. Access to the Internet is given as a privilege to students who agree to act in a considerate and responsible manner. Unfortunately, however, some material accessible via the Internet may contain items that are illegal, defamatory, or potentially offensive to some people. By way of setting up some guidelines to enforce responsible use of the Internet, please see the following rules. We require that students and parents or guardians read, accept, and sign the following rules for acceptable on-line behavior.

1. Students are responsible for good behavior on the Internet just as they are in school. General school rules for behavior and communications apply.
2. Network storage areas may be treated like school lockers. Network administrators may review files and communications to maintain system integrity and ensure that user s are using the system responsibly. Users should not expect that files would always be private.
3. Students are to keep computer equipment in good condition and handle all components respectfully.
4. The following specifics must be followed:
    a. There is to be no damage to computers, computer systems, hardware, software, system files or computer networks.
    b. No excessive noise.
    c. No downloading of games or music.
    d. No e-mail during class time.
    e. No games during class time.
    f. No chat rooms.
    g. No sending or displaying offensive messages or pictures.
    h. No using obscene language.
    i. No harassing, insulting, or attacking others.
    j. No violating copyright laws.
    k. No using of another's password.
    l. No trespassing in another's folders, work or files.
    m. No sharing files to improve a grade.
    n. No employing the network for commercial purposes.
    o. No intentionally wasting of limited resources, including through the use of "chain letters" and messages broadcasted to mailing lists. No broadcasting messages.
    p. Do not reveal personal address or phone numbers of yourself or another person to unknown persons on the Internet.

5. Violations will result in a loss of access along with the possibility of other disciplinary or legal action.

Carney-Nadeau Public School has a contract with Smart Filter to provide filtering of Internet content to insure students are not exposed to inappropriate materials on the Internet.

> Although we employ this service as a means of assuring compliance with the Child Internet Protection Act, Carney-Nadeau Public School recognizes that adults in charge, i.e., teachers and paraprofessionals, have an obligation to observe and monitor student use of the Internet.