Badger Independent School District No. 676

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Technology Plan
July 1, 2012 to June 30, 2015

Technology Plan Badger Independent School District #676

Technology Needs Assessment

Organization Technology Leadership
The Badger School's technology committee was organized in 1992 to give advice to the superintendent about the need for various types of technology in the district. In 1997, the committee was reorganized because of the increase in technology requirements, including computer needs and internet access. Their main purpose is assessment of technology in the district and long range planning to keep abreast of the ever changing technology needs to best serve the students.

The technology committee consists of the district's Technology Coordinator, Superintendent, Dean of Students, one board member, and two licensed teachers. This committee meets quarterly. They are responsible to make decisions about the purchase of hardware and software for the building. The district employs a full-time technology coordinator whose responsibilities include individual computer/network instruction for teachers, chairing the technology committee, coordinating routine system maintenance and new installations, serving as a resource to the staff on technology usage and implementation, as well as being a liaison to administration and school board.

District Demographics
Badger Independent School District #676 is a rural school with a K-12 student population. Badger is a small community located in the northwest corner of the state. It is located approximately 13 miles from the county seat, Roseau, Minnesota. The district has not experienced a significant change in demographics in many years. The only notable change has been a significant increase in enrollment. This increase has had an impact on budget needs for additional technology that was necessary to be purchased due to increasing class sizes.

Needs Assessment
The next technology survey is scheduled to be conducted in the fall of 2012. This survey will be given to district staff, students, and parents. Critical components of this assessment include our current state of technology and the development of goals for meeting our technology needs in the future.

Goals and Strategies

Technology Integration

The mission of Badger Independent School District No. 676 is to ensure that all students are prepared to function successfully in the ever-expanding world of technology once they leave our educational facility. We believe that our educational system must make our students aware of the fast paced changes of technology in the world and be able to adapt to these changes. We also believe that technology is a vital part of the learning and educational process. Badger School also believes that learning is a lifelong process. Therefore, the school offers opportunities for the entire community population to continue upgrading their technology skills.

Improve Communication

Badger Independent School District No. 676 recognizes the importance of communications to run efficiently. We use several different mediums to effectively communicate with parents, students, and community members.

Most important of these is school's website. We work hard to keep this site up to date with information on extracurricular activities, school cancellations, and other important announcements. Each staff member has a web page within the school's website that they are responsible to keep up to date with classroom activities and daily lesson plans.

Each staff member also has a school e-mail address to better communicate with students, parents, and community members, as well as other outside sources.

Other methods of communication that the school utilizes are the student published school newspaper that is sent out monthly to all households in the district; local newspapers including the Greenbush Tribune, Middle River Honker, and Roseau Times Region; weekly radio program; AlertNow telephone alert system; and our school phone system.

Badger Independent School District No. 676 strives to maintain and update these methods to constantly improve communication.

Enhance Student Achievement

Badger Independent School District No. 676 utilizes many forms of technology throughout the district. Students at all grade levels will have exposure to technology that is integrated into our curriculum. At each grade level, students will begin to be able to:

Grades K-2:
- Turn on computer/iPad
- Use computer/iPad for educational applications in the classroom
- Use computerized catalog in the media center
- Operate mouse
- Control computer/iPad volume
- Take Accelerated Reader tests
- Scan Accelerated Math work
- Begin to manipulate a SMART Board
- Take Measures of Academic Progress (MAP) Primary tests
- Take on-line Minnesota Comprehensive Assesment (MCA) tests

Grades 3-6:
- Know the basics of Microsoft Word
- Use internet search engines for basic searches
- Basic Keyboarding
- Take Measures of Academic Progress (MAP) tests
- Operate a digital camera
- Save files to server

Grade 7-8:
- Use internet search engines for extensive searches
- Use Microsoft Office Word, Excel, and Powerpoint
- Begin using the basics of AutoDesk Inventor through our PLTW program

Grade 9-12 (dependant on elective classes taken):
- Use digital camera extensively
- Use Adobe Photoshop and other photo editing software
- Use Adobe PageMaker
- Use digital scanner
- Use accounting software
- Use PLTW software extensively

- Compose and receive e-mail
- Develop web pages
- Use Friesen's software to create yearbook
- Use video editing software
- Use interior design software
- Use digital video camera