

Technology Plan Cover Sheet
2016-2018 (July 1, 2015 – June 30, 2018)

Organization Information

District/Agency/School (legal name): Independent School District #676

District Number: 676

Technology Plan Status

The District/Agency/School has an approved 2013-15 technology plan:

☒ Yes ☐ No

2016-2018 Technology Plan Date of Creation: 2/5/2015

Identified Official with Authority

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2016-18 Technology Plan

Technology Needs Assessment. *Describe the processes(s) used to determine the technology needs for the LEA for 2016-2018 and briefly summarize the needs that have been determined. Make sure to include any technology needs that will be supported through E-rate discounts, such as telephone, telecommunications access, Internet, and other E-rate eligible services:*

The Badger School's Technology Committee was organized in 1992 to give advice to the superintendent regarding 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. The Technology Committee's 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. An integral part of this needs assessment includes the maintenance of all forms of communication between administration, staff, parents, and students through the district's website, e-mail, telephone and voicemail systems to function effectively on a daily basis.

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.

Badger Independent School District #676 implements periodic technology surveys to gather information on technology needs for the district. The next technology survey is scheduled to be conducted in the fall of 2015. 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. *List the specific goals and strategies for 2016-2015 that address how your LEA will use technology to deliver education and assist with school administration:*

The goal of Badger Independent School District #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 procedure, and that learning is a lifelong process. Therefore, the school offers opportunities for the entire community population to continue upgrading their technology skills through community education classes.

Badger Independent School District #676 recognizes the importance of communications to function 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 district in-house phone and voicemail system. Badger Independent School District #676 strives to maintain and update these methods to constantly improve communication.

Badger Independent School District #676 utilizes many forms of technology throughout the district to educate our students. Students at all grade levels will have exposure to technology that is integrated into our curriculum. At each grade level, students will be able to:

Grades K-2:

- 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

Grades 3-6:

- Know the basics of Microsoft Word
- Use internet search engines for basic searches
- Basic Keyboarding
- Take on-line Minnesota state tests
- Log in to the districts network and access the server
- Print files
- 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
- Begin basic robotics programming through our PLTW program
- Keyboard fluently

Grade 9-12 (dependant on elective classes taken):

- Use digital camera extensively
- Use Adobe Photoshop and other photo editing software
- Use Adobe PageMaker
- Use a graphing calculator
- Use digital scanner
- Access and utilize online College In the High School curriculum
- Use accounting software
- Use PLTW software extensively
- Compose and receive e-mail
- Develop web pages
- Use online software to create yearbook
- Use video editing software such as Window Live MovieMaker and iMovie
- Use interior design software
- Use digital video camera

Professional Development Plan. *Describe the professional development strategies you have in place for 2016-2018 to ensure LEA staff are prepared to use the technology infrastructure, software programs, and online resources provided:*

Badger School District #676 has organized Professional Learning Communities (PLCs) that meet, at a minimum, monthly to discuss strategies for implementation of new curriculum and programs. Members of each PLC are grouped into common areas of education so that each group has a similar interest in items that may be discussed. PLC groups consist of 3-6 teachers. Through these PLCs, After School Specials are also put in place so faculty can meet after school hours to discuss the implementation and utilization of new technology including hardware and software that the district may have acquired.

Evaluation. *Explain the evaluation process for your technology plan for 2016-2018, including timeline, roles and responsibilities, and information gathered to assess how the technology plan goals and strategies are being met:*

The Technology Committee is responsible for the evaluation and implementation of the district's technology plan. This evaluation includes both informal and formal assessments. Informal assessments include staff feedback through need-based technology requests including hardware, software, and training. Formal assessments include evaluations that are conducted through district generated surveys. These surveys are performed once every three years.

Technology inventory is taken annually. Technology requests are accepted every April. The Technology Committee places the major technology needs on the district capital expenditure list. This expenditure list projects district needs for the next five years. Staff trainings are held twice a year on two of the four designated staff workshop days throughout the school year.

The Technology Committee meets quarterly to assess needs and evaluate the current status of our technology plan. The implementation of this plan is ongoing.

IMPLEMENTATION PLAN

ACTION STEP	TIMELINE
Equipment Installation	June, July, August (2015-2018)
Equipment Maintenance	As needed
Technology Committee Meetings	August, November, February, May (2015-2018)
Staff Technology Training	August, November, January, May (2015-2018)
Needs Assessment	March (2016-2018)
Inventory	February (2016-2018)
Telecommunications Contract	January (2016-2018)
Requisition of Equipment	April (2016-2018)
Requests of Software	April (2016-2018)

Optional Links. Provide links to district strategic planning documents, survey instruments, policies, or other resources that were used to provide data and help prepare the technology plan:

Provide additional links to support your technology plan; document will expand to fit.

Link to Current Technology Plan. *Provide the link on the LEA website where the technology plan will be posted and updated throughout the planning period:*

<http://www.badger.k12.mn.us/cms/lib3/MN01001727/Centricity/Domain/154/2018SchoolTechPlan.pdf>

Children's Internet Protection Act (CIPA)

This LEA has an Internet Safety/Acceptable Use Policy in place.

☒ Yes ☐ No

If yes, please provide a link to access the policy at the LEA website:

<http://www.badger.k12.mn.us/cms/lib3/MN01001727/Centricity/Domain/157/AcceptableUseAgreement.pdf>

This school district deploys an Internet filter to protect minors from material that is pornographic or otherwise harmful to them.

☒ Yes ☐ No

*Submit the cover sheet and template in PDF or Word (not a scan) by e-mail to:
mde.schooltechplan@state.mn.us.*