

Technology Plan Cover Sheet

2016-2018 (July 1, 2015 – June 30, 2018)

Organization Information

District/Agency/School (legal name): Le Sueur-Henderson Public Schools

District Number: 2397

Technology Plan Status

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

XX Yes No

2016-2018 Technology Plan Date of Creation: June 2015

Identified Official with Authority

Name: Richard Hanson

Title: Superintendent of Schools

Address: 115 ½ North Fifth Street

Phone: 507-665-4600

E-mail: rhanson@isd2397.org

Technology Contact

Name: Jason Borglum

Title: District Technology Director

Address: 901 Ferry Street

Phone: 507-665-5832

E-mail: jborglum@isd2397.org

2016-18 Technology Plan Template

Instructions: Add your responses by typing into the document below.

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:

ISD 2397 used a multi-prong approach to determining the needs for the ISD 2397 2016-2018 Technology Plan.

During the 2010-2011 school year, ISD 2397 conducted a Media and Technology Curriculum Review. This process led the ISD 2397 District Technology Council to update the technology goals and the Media and Technology curriculum for ISD 2397.

Due to the results of the 10-11 Media and Technology Curriculum Review, ISD 2397 began an exhaustive process that led to the implementation of an 1:1 iPad deployment for grade 4-8 during the 2012-2013 school year.

As part of the evaluation of the 1:1 implementation, ISD2397 plans conduct, during the 2015-2016, a re-evaluation of the 1:1 program to determine successes and possible expansion.

ISD 2397 conducted 3 surveys of the various district stakeholders to determine technology use and needs.

- Clarity Brightbytes Surveys – May 2014 and March 2015 – Surveys (issued to all stakeholders: staff, students and parents) used to determine instructional practices and attitudes as related to technology use in the classroom. Also used to determine staff development goals and identify areas within technology staff development needing improvement.
- Technology Equipment Needs Assessment Spring 2015 – Survey used to determine technology equipment needs and determine instructional goals and practices once equipment is obtained.
- Building Level Parent Input Surveys – Survey used to determine parent perceptions and attitudes on educational programming and technology use within ISD 2397.

By conducting the various surveys, the following needs were identified:

Hardware

- Increased access to technology resources at the elementary level, inclusive of updated student devices and sound amplification systems in each elementary classroom from PreK-5.
- Updating of ISD 2397 wireless network to meet the device density requirements to allow for staff access to instructional resources at the K-3 level. (Category 2 E-rate)
- Refresh staff and faculty computers.

- Increase Internet bandwidth from 125 Mb to 1000 Mb in order to provide adequate access to support the digitization of instructional resources and online testing support. (Category 1 E-rate)
- Increase Wide-Area-Network (WAN) capacity from 100 Mb to 1000 Mb in order to support increased Internet bandwidth. (Category 2 E-rate)
- Increased access to technology resources to support assistive technology requirements.
- Expansion of 1:1 efforts to be inclusive HS students.
- Continue current hardware refresh cycles, despite budget pressures.

Software

- Access learning management system to support blended and online learning opportunities.
- Continued student implementation of Google Apps for Education, moving away from desktop productivity software.
- Identify software and apps that meet identified assistive technology needs.

Staff Development

- Tech Fest – Conduct Tech Fest in August to capture largest possible audience.
- Focus professional development on instructional strategies using technology in the classroom.
- Increased training in the use of data for the PLCs.
- Staff and faculty members must develop professional growth plans with supporting technology goals.
- Establish clear and concise expectations for technology integration and corresponding teacher evaluation standards.
- Professional development opportunities in the area of blended learning and instructional design.

E-Rate Funding

In the spring of 2015, ISD 2397 applied for both Category One services as follows:

- Category One:
- Cellular Voice Services
- Primary Rate Interface (PRI)
- Gigabit Wide Area Network (WAN)/Local Area Network(LAN)

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:

Goal 1: Increase access and reliability to technology for learning.

- Develop a four to five-year schedule as a guideline for updating and planning for replacement of computers and mobile devices to ensure ongoing functionality dependent on available funding.
- Routine and preventative maintenance will be conducted in order to provide reliable equipment and networks to support educational services.
- Respond to all technical support requests promptly, maintaining communication with those requesting support regarding actions to troubleshoot and remedy any issues.
- Continue to enhance wireless networks to support additional mobile devices throughout all of our schools. Additional wireless access points will be added to support areas of the greatest traffic, including common areas and elementary classrooms that will have increased numbers of personal mobile devices.
- Regularly review technology procedures to foster simple computer, network, and Internet access with the goal of creating student centric learning environments.
- Develop strategies to provide ongoing access to technology and learning tools during computer-based testing.

Goal 2: Research, implement, and support technology integration to personalize and improve student achievement.

- The Technology and Curriculum departments will work collaboratively to incorporate technology in best practice instructional strategies and curricular materials where they can positively impact student learning.
- Continue to provide training, tools, and support to guide instruction with real-time data.
- The District Technology Council will regularly review emerging technologies and recommend potential uses within the curriculum and pedagogical approaches in order to engage our learners.
- Technology and media staff will provide support to curriculum review committees in reviewing technologies that may be appropriate in delivering content or facilitating learning in that subject matter, in order to engage our learners and create student centric learning environments.
- Support the review of technology during the IEP process in order to provide assistive technologies that are individualized to the student's disability.
- Review the technology used for delivering assessments annually to determine its effectiveness in delivering assessments and analyzing student data.

- The District Technology Council in collaboration with the District Communications Director will annually review communication technologies and recommend new technologies to further support connection with stakeholders.
- Offer a multi-faceted technology professional development program that provides differentiated learning opportunities for staff and faculty.
- The District Technology Council in collaboration with the Curriculum Director and site faculty leadership teams will provide common instructional tools to promote creativity, collaboration, communication, and critical thinking in learning, as well as professional development needed to use those tools.
- Expand access to personal learning technologies and web-based learning management systems for communication in the elementary grade levels.
- Create and implement digital citizenship tools for students, staff, and families to promote safe and responsible use of technology for learning.

Goal 3: Continue integrate technologies that simplify workflow and assist in administrative tasks and effective communication.

- Continue to implement technologies that provide family access to student information, athletics and activities, extracurricular registration, online payments, and online form completion for permissions and agreements.
- Continue to utilize technologies that increase efficiencies in administrative tasks, reporting, record keeping, collaboration, and access to data as appropriate.
- Continue to utilize technologies that maximize productivity and support best practice in Professional Learning Communities.
- Implement single sign on and directory syncing capabilities between products to allow for simplified access to multiple systems that support teaching and learning.

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:

ISD 2397 continues to implement a differentiated professional development plan for all staff on an ongoing basis to meet the varied needs of our teachers, administrators, and support staff. In addition to providing year-round professional development opportunities, we will continue to support outside learning experiences related to the use of technology to support high levels of student learning and engagement. ISD 2397 continues to deploy a multi-faceted approach to professional development:

- Continue to utilize data including feedback from previous professional development offerings, needs assessments, and surveys such as BrightBytes Clarity and Technology Integration Proficiency Self-Assessment to plan professional development opportunities to meet the needs of staff.
- Continue to send staff and faculty to TIES Conference and provide opportunities for

attendees to reflect and share learning from the conference.

- Continue to provide before and after school technology integration activities, in addition to requested just-in-time professional development training.
- Continue to encourage the staff and faculty to develop personal learning opportunities through the use of Personal Learning Networks.
- Continue to participate on the District Staff Development Team ensuring that Technology and Technology Integration professional development needs are aligned with other district professional development needs and efforts.
- Continue to participate in the district's peer coaching and instructional mentoring efforts by providing technology coaching sessions and encouraging staff and faculty to set corresponding technology goals in addition to professional growth goals.
- Coordinate and deliver summer professional development activities through Tech Fest.

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:

At each District Technology Council Meeting, the District Technology Director reports on the progress being made on yearly goals and the results of any studies or surveys. In addition, the District Technology Director reports to the District School Board on an annual basis or upon request. Administrators are kept aware of technology issues through the District Technology Director's participation in the Administrative Team meetings.

The success of the plan is measured by:

- Completion of annual technology goals.
- Success of students on assessments.
- Ability of the district to complete accurate and timely reporting to the state.
- Results of annual stake-holder surveys.
- Completion of stated technology plan goals.

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:

http://www.isd2397.org/UserFiles/Servers/Server_3116424/File/borglm/11InitiativePlanProposal.pdf

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: Provide the link to your posted technology plan.

http://www.isd2397.org/district/technology/technology_plans/

Children's Internet Protection Act (CIPA)

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

XXYes No

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

<http://isd2397.sharpschool.net/district/policies>

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

XXYes No

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