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

Organization Information

District/Agency/School (legal name): Minnesota Valley Education District

District Number: 6027

Technology Plan Status

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

☒Yes ☐

2016-2018 Technology Plan Date of Creation: May 2015

Identified Official with Authority

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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:

The technology needs in the Minnesota Valley Education District (MVED) were assessed by a ten person planning team, whose membership was comprised of two classroom teachers, three paraprofessionals, two itinerent staff, one office staff, the information-technology coordinator and the district technology director.

The planning team conducted a comprehensive survey of staff regarding 65 technology related focus points to determine the level of satisfaction by staff and program climate regarding current technology resources and practices. The survey specifically addressed technology satisfaction, technology climate, technology access, and training needs for using technology.

Overall, there is above average satisfaction and support for technology resources in both the instructional and non-instructional areas of MVED. Areas of concern identified through the staff survey included mobile device connectivity, Internet speed, reliability of printers and student access to devices. The survey results indicate strong support by staff for use of technology by teachers and staff in their practice, and that the use of technology in the classroom can enhance student learning.

In addition to the satisfaction and climate survey, information from an inventory of technology hardware and the network infrastructure were used in the creation of this technology plan.

This planning document reflects the vision for technology implementation in five major areas: Curriculum and Instruction, Stakeholder communication, data management and analysis, system support and infrastructure. For each area, MVED will establish expectations, measures of implementation success, and implementation milestones to support the goals established in this technology plan. Some of the questions that were addressed in the planning process include:

- How will school-based teaching and learning needs be identified and supported?

- What are the expectations for the impact of classroom technology use on student performance indicators?

- How will lesson plans that incorporate technology be aligned with local, state, and national content standards?

- How will student performance be assessed when technology use is a component of that performance?

This technology plan is intended to mesh with all of MVED's educational initiatives, as well as to support MVED's mission and strategies. The plan was developed based on the belief that technology can enhance the learning environment and improve teaching and learning. Technology is seen as a critical component of our efforts to adequately prepare our students

and accomplish our goals. This technology plan defines the vision and objectives for providing students and staff at MVED the resources that are required to prepare students to be college and career ready.

The implementation of this technology plan will focus on the following areas:

- Provide professional development for instructional and non-instructional staff

- Match technology to curricular and job-related needs

- Maintain a reliable and flexible infrastructure to be able to support emerging and evolving technology

- Increase the Internet bandwidth and enhance the network infrastructure to deliver high speed connectivity to all devices at 801 Davis Street campus.

Goals and Strategies. List the specific goals and strategies for 2016-2018 that address how your LEA will use technology to deliver education and assist with school administration:

This plan outlines four recommendations for the 2016-2018 technology plan years:

1. Provide direct support for technology focused professional development that aligns with MVED's professional development plan. Increase the impact of the training programs by providing more on-site training through professional learning communities and peer training.

2. Build upon the connections between the Minnesota State Learning Standards and the International Society for Technology Education standards for students, teachers and administrators. Provide additional opportunities and in-house professional development for teachers to create lessons and units that incorporate technology and share those learning experiences via the Internet, team, department and faculty meetings.

3. Align additional hardware and infrastructure purchases with MVED's instructional technology vision and technology refresh plan.

4. Focus on further implementing the instructional technology vision and proposed design. Continue to strengthen the technology support for newly purchased equipment, network management and maintenance.

In continuing its commitment to technology in education, MVED will implement the following purchase plan over the 2016-2018 technology plan years to facilitate the increase of using technology to enhance instruction and student learning experiences.

- Increase Internet bandwidth to 100 Mb.
- Upgrade wired and wireless networks to provide campus wide coverage and reliable connectivity.
- Continue to replace staff computers on a 5 year refresh cycle.
- Purchase mobile labs to increase student device access.

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:

Professional development for MVED staff will include the following strategies:

- Small group awareness sessions

- Workshops for staff utilizing hands-on training and follow-up training

- Train the trainer approaches where selected staff receive training and then train other staff through both small informal groups and more formal structured classes

- Use of outside consultants and trainers for on-site, in-district and off-site training

- Distance learning, interactive video-conferencing and webinars

- Attendance at workshops, seminars and courses provided by professional organizations, vendors and colleges

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 implementation of this technology plan will be reviewed on an annual basis, but it may be updated at any time during the year based on information provided through progress monitoring. The Technology Planning Committee will evaluate the technology implementation process using the following criteria:

- Number of teachers and staff members engaging in professional development activities supporting technology use

- Observations by administrators of lessons integrating technology into instruction

- Use of rubrics to evaluate and improve technology integration practices by teachers

- Overall use of district technology equipment

The following types of tasks will be completed to indicate the degree of implementation:

- Annual review of the technology plan and related updates

- Survey staff to determine technology support needs

- Research comparable districts to determine patterns and models of technical support

- Integrate technology into the curriculum to improve learning and teaching, and promote students' responsibility for their own learning

- Teachers' observations of students' computer skills including word processing and proficiency with Internet use

- Evaluate the level of technological proficiency gained by students, teachers and administrators

- Document use of technology within the curriculum

- Assess students' technological needs

- Develop a diverse process to formally and informally evaluate the impact of technology on student achievement

- The technology plan is a working document that will be evaluated on an ongoing basis

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:

Stakeholder Technology Survey – https://docs.google.com/a/stpeterschools.org/forms/d/12XkGuyqR4XcdkTUNhUZ4jFGPAMEnQFfV8VnmVYPSc1Y/viewform#start=publishanalytics

Stakeholder Technology Results – https://docs.google.com/a/stpeterschools.org/forms/d/12XkGuyqR4XcdkTUNhUZ4jFGPAMEnQFfV8VnmVYPSc1Y/viewanalytics#start=publishanalytics

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.mnved.org/index.cfm?pID=13559

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.mnved.org/index.cfm?pID=13559

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.