McClusky Public School Technology Plan
2018-2021

A. Contact Information

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B. Planning Process

The school's technology plan has been updated for the McClusky School by the Technology Committee through input received from staff, students and parents throughout the year. The state technology plan template provided direction and guidance useful to developing the foundations for the plan. A survey was given during the year to develop an understanding for the availability and use of the school's technology for both staff and students. While the framework for the first year is established, the committee will review the document and update it on an annual basis with our focus on the future and where we need to direct that focus. The plan will be presented to the School Board for review and adoption on May 8, 2018 and will be reviewed on an annual basis by the Technology Committee for validation of the plan's successes and to appropriately adjust and enhance the plan as needed. Review of the plan will be incorporated into an orientation session for staff prior to the school year starting, as well as sharing it with students, parents and community members at the annual "Back to School Bash".

Members of the Technology Committee include:
- Dale Ekstrom, Superintendent
- Sarah Beck, Principal
- Andrea Lauer, Technology Coordinator / Business Manager
- Lucas Senske, High School Instructor / Leadership Team Member
- Brandi Hinson, Elementary School Instructor / Leadership Team Member
- Tristan Schipman, Elementary School Instructor
- Beverly Faul, High School ITV Advisor
- Connie Herman, K-12 Counselor
- Kassidee Logsdon, High School Student
- Baylee Parsons, High School Student

The technology plan will be provided for review on the school district's website. Hard copies will be available in the High School office for those requesting review during their visit to the school.

C. Technology Vision Statement
Students and staff members will develop the competency necessary to use technology as a tool to create, access, synthesize, evaluate, and communicate information.

We deliver 21st century technology learning opportunities that foster academic excellence leading to global collaboration, digital citizenship, and a love for learning.

D. Goals, Strategies and Timelines
GOAL 1: Development of Individual Student and Staff Skills
In this goal we will strive to ensure that all students and staff have the opportunity for individual and group skills growth by updating and expanding the 3 computer labs in both the high school and elementary buildings. We plan to maintain a 4-year rotation on student computers and a 3-year rotation on staff computers. Our goal is to have the equipment to deal with all emerging technologies. Every teacher and paraprofessional will receive a school-supplied laptop computer for use in their classroom. Before staff is issued a laptop computer, there will be an agreement signed which specifies the responsibilities the staff member has in relation to their computer.

With the exception of a couple of classrooms, all classrooms have SmartBoards installed for the teachers use in classroom presentations. Uses include educational videos, PowerPoint displays and a variety of other educational delivery options. Software for our SmartBoards will be updated every three years.

To support and enhance technology usage, Keyboarding skills will be taught at incremental stages starting in grade 3 and continuing through grade 8. This training will be coupled with an infusion of training regarding digital citizenship. The students in grades 7-9 will receive the opportunity for additional training with emphasis in application programs.

We will be assessing our 8th grade students to assure that they will meet the standards set forth for Research, Developing Projects, Technological Systems, Collaborative and Independent Skills, and Ethical, Legal and Social Usage. Our goals and targeted activities will guide us in our path for student and staff technology literacy attainment.

The school district has a technology coordinator that provides technical support that ensures the reliability of technology for students and educators. McClusky has also utilized Edutech as a technical resource to ensure reliability.

The McClusky School District has a fiber optic and wireless technology in its infrastructure. It is important for the school district to maintain a current file that indicates the number of licenses for individual software packages in compliance with licensing requirements.

If fiscally possible, when staff requires new technologies to improve their teaching, the technology coordinator will conference with the administrators to provide the technology needed. A portion of the technology budget will be reserved for this purpose.

GOAL 2: Expanding Internet Capabilities
The schools and their respective classrooms are wired for internet access and have wireless access points set up within each of the buildings. To provide a uniform coverage for internet access, whether it would be wired or wireless, we will start the process of updating our wireless network so that the footprint of the school will be fully accessible regardless of the connectivity platform. With the infusion of smart phones, school and student laptops and other wireless devices, we targeted this goal to open up opportunities for all students and staff.

GOAL 3: Enhancing Curriculum Opportunities
We currently house 2 ITV studios and provide classes for students in high school for advanced elective high school coursework, college classes, dual credit coursework and AP coursework. We plan to expand our supply of laptop computers for students to use with online instruction through ND Center for Distance Education. To expand on this goal in the future, we would like to have each student participate and then successfully complete a minimum of 1 online semester course in high school after participating in a precursor course on the junior high level.

GOAL 4: Online Assessment for Achievement Gains

We will continue our participation in the fall to spring online assessments for students in grades K-11 using NWEA MAP testing. This will provide data which will assist us in validating successes or pitfalls in our programs of instruction.

GOAL 5: Professional Development for Staff

Provide Positive and Productive Professional Development for Program Improvement goals and Individual personal growth with online support. We have purchased and provided PD360 for all teaching staff, administration and Paraprofessionals. This will require all staff to take specific online training which will specifically address our targeted schools' goals for school program improvement but also enable each individual to receive immediate and specific support for any deficient area that may be recognized in the evaluation process. Our goal is to ensure teachers will have the equipment and training necessary to provide technology-enriched learning opportunities for students.

Teachers will be encouraged to take the online CyberSafety course through EduTech. Throughout the year we plan to bring in presenters from the Attorney General's office, law enforcement and EduTech who present online safety to our 5-12 graders.

The administrators of the school district and the Leadership Team are in charge of professional development. In-services will be selected based upon the district's needs. In addition, local in-services are based upon the requests of teachers through surveys and individual request.

The McClusky School District supports in-service through general fund dollars and Title IIa REAP funds. McClusky School District provides learning opportunities through organizations such as FFA, Acalympic teams and math competitions. These are ongoing activities that students are able to participate in and/or become members of for the duration of their school career. These allow for student growth and student successes.

Our school principal will be responsible for assessing the results of instructional strategies through the evaluation process outlined in our school using the PD360 program. The technology coordinator will also survey teachers to assess technology skills and needs of educators on an annual basis. Our measure of success for our technology plan will be through administrative and teacher approval on a yearly basis. Our school technology plan will be updated yearly in the fall and the technology committee will be responsible for keeping the plan up to date. An annual report to the school board indicating levels of success in reaching goals as well as an update on any corrections or additions to the plan will be provided.

GOAL 6: Communications Goal

Continue to strive to improve and enhance communications with parents, public, students and all other educational stakeholders. The participation of online access for parents under the

PowerSchool program has given them additional opportunities for support for their students. The SwiftK12 announcement system delivers important and timely notices by way of e-mail, text messaging and voicemail based on parents' choice. We have expanded monthly newsletters beyond hard copy with access on our web page and via email to parents.

Upcoming Changes:
In three years' time:
- Grades 5-12 will move closer to a 1:1 device to student ratio with iPads or other tablets
- The wireless network will be updated at both schools
- Staff laptops will be updated and put on the 3-year rotation
- Business lab computers will be updated and put on the 4-year rotation
- Elementary lab computers will be updated and put on the 4-year rotation
- Classroom projectors will be assessed and replaced on an as-needed basis
- Continued professional development will occur to help staff provide training to students to help ensure their online safety

Technology Plan Contact
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McClusky Public School
2018-21 Technology Budget

Budget Expenditures	2018-19	2019-20	2020-21
Professional Salaries	$ 1,600.00	$ 1,900.00	$ 2,000.00
Employee Benefits	$ 125.00	$ 150.00	$ 155.00
Purchased Technical Services	$ 1,000.00	$ 1,000.00	$ 1,000.00
Professional Development	$ 3,000.00	$ 3,000.00	$ 3,000.00
Maintenance of Equipment	$ 1,000.00	$ 1,000.00	$ 1,000.00
Travel	$ 200.00	$ 150.00	$ 150.00
Materials & Supplies	$ 750.00	$ 750.00	$ 750.00
Supplies - SMART Software Update	$ -	$ -	$ 1,100.00
Supplies - Microsoft Office Software	$ -	$ -	$ 580.00
Equipment - Wireless Upgrade	$ Quotes Coming	$ -	$ -
Equipment - Staff Laptops	$ 15,000.00	$ -	$ -
Equipment - Projectors	$ 950.00	$ 1,900.00	$ 1,900.00
Equipment - One-to-One Student Roll-out	$ -	$ 16,500.00	$ 16,500.00
Equipment - Elementary Desktops (Lab)	$ -	$ -	$ 5,650.00
Other Dues & Fees	$ 500.00	$ 500.00	$ 500.00
Total	**$ 24,125.00**	**$ 26,850.00**	**$ 34,285.00**
	(+ upgrade)		

Budget Revenue	2018-19	2019-20	2020-21
Local	$ 20,640.00	$ 23,850.00	$ 31,285.00
State	$ -	$ -	$ -
Federal	$ 3,485.00	$ 3,000.00	$ 3,000.00
Total	**$ 24,125.00**	**$ 26,850.00**	**$ 34,285.00**