

**Technology Plan
2017-2018
Montpelier Public School
214 7th Avenue
Montpelier, ND 58472**

Process:

Our technology plan was developed through the collaboration of the technology planning committee members. The technology coordinator developed a base plan which was then read and modified by the technology planning committee through a series of meetings. After the technology planning committee was satisfied with the plan, it was published to the school website for review by the community.

Technology planning committee:

James Bear: Tech Coordinator
Jerry Waagen: Superintendent
Richard Wright: Business Teacher
Kayleen Anselment: 2nd Grade Teacher
John Peterson: Math Teacher

Vision:

Technology will be used in Montpelier Public School as a tool to enhance the educational process. There will also be a teaching of technology for the sake of technology, but every measure will be taken to ensure that the learning experiences are valid and realistic. These goals will be developed in accordance with the school's mission statement.

Equipment

There will be at least 25 laptop computers for use in the elementary. In addition, there will be internet connected computers in every classroom for teacher use and for student use when needed as determined by teachers, administration, and the tech coordinator. The business room at Montpelier High School will also have laptop computers with Microsoft Office installed. Students in grades 7-12 will each have a chromebook which will be able to be taken home provided they have signed the agreement. There will be a location in the technology coordinator's office for storage of chromebooks if students are required to or choose to leave them at the school. This location will also be a location for charging chromebooks.

Our goal is to have the equipment to deal with all emerging technologies. Every teacher will have the option of a school-supplied laptop computer for use in their classroom and a mounted LCD projector. Before a teacher is issued a laptop computer, there will be an agreement signed which specifies the responsibilities the teacher has in relation to their computer.

The school will monitor individual student needs using the IEP process and determine whether or not different technologies are needed depending on individual student needs if

an IEP is already in place. If needs are determined, conferences will be held between the technology coordinator, administrators, and school board.

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

All technical support is provided by Montpelier Public School's technology coordinator unless it is determined that it cannot be handled in a timely manner without outsourcing.

STAGEnet

The State of North Dakota's Information Technology Department along with STAGEnet partners will continue to develop and enhance a statewide network to service its educational facilities. STAGEnet exists to provide a secure, reliable, and cost-effective network that has the scale and flexibility to support the convergence of data, voice, and video to meet and surpass the objectives of education.

Professional Development

If financially possible, the school will provide professional development opportunities when available for teaching staff. Also, the technology coordinator will be on-call to provide assistance to teaching staff.

Administrators will use their annual staff evaluation process including surveying teachers to assess technology skills and needs of educators.

We will ensure that educators possess the technology skills they need by combining the annual staff evaluation process including surveying and the professional development opportunities that are available.

The administration and the professional development committee are responsible for professional development.

There will be in-house professional development provided by staff members and students and teachers will be made aware of any professional development opportunities that are communicated to administrators from outside sources.

Professional development will be funded through federal REAP dollars and local funds.

Technology Enrichment

Teachers utilize presentation software to present lessons. Teachers use websites to communicate learning material to students. Teachers use digital projectors to present learning material to students. Teachers requesting interactive projector technologies, if financially possible, will be appeased. Students have the ability to take courses over the state IVN system through the CDTC consortium. And online through the NDCDE.

Our goal is to ensure that all teachers will have the equipment and training necessary to provide technology-enriched learning opportunities to students. This will be achieved through annual teacher evaluations combined with administrative conferencing. Our students will be able to type proficiently by the end of the 7th grade. They will be technologically proficient by the end of the 8th grade. Technology proficiency will be maintained throughout the high school career.

Our school will assess individual student needs as they arise and make certain that all enhanced instructional strategies are in compliance with the abilities of these students. Our school will provide technology to all content areas and will provide requested teacher- training so that educators can facilitate the teaching of technology skills in content area environments.

Our school does provide a variety of courses over Distance Education, including but not limited to: Spanish, Veterinary Science, EMT training, and Art. There will also be online courses available through the Department of Independent Study.

Assessment

Our school uses the NWEA testing environment to track student achievement and analyze student and school data to improve teaching and learning outcomes for all students.

We will continue to implement NWEA testing and PowerSchool for student data incorporating changes as they become available. Administration will evaluate the NWEA testing results to determine in which areas our students are deficient or proficient. Our technology resource implementation will be assessed through administrative evaluation.

School principals are responsible for assessing the results of instructional strategies in our school.

Each of our technology plan's goals and strategies will be assessed through the annual administrative teacher evaluation process and surveying combined with the annual technology plan updating.

Our technology plan will be updated on an annual basis when the technology coordinator calls a meeting of the technology planning committee.

Internet Safety

Internet is provided to Montpelier School through ITD. Funding is provided by e-rate. Edutech provides internet filtering to ensure that students are not accessing inappropriate materials. The Montpelier School Technology Planning Committee has been provided with different filtering categories which they feel should be filtered. These categories are as follows: Child Pornography, Explicit Art, Obscene/Tasteless, Pornography/Adult Content, R-rated, Gambling, Games, Criminal Skills, Dubious/Unsavory, Chat, Instant Messaging (IM), Online Communities, Adware, Malicious Code/Virus, Spyware, Web-based Proxies/Anonymizers, Alcohol, Dating/Personals, and Weapons.

Starting with kindergarten education, internet safety and online privacy education coursework will be implemented. The technology coordinator will annually hold lessons with elementary classrooms and give follow-up material to elementary teachers. High school students will be instructed by the business/computer teacher, but an effort will be made to reach all students whether they are in a business/computer course or not.

Upcoming Changes

In three years' time, the following will change:

- Grades 5-12 will have a 1:1 device to student ratio
- There will be added wireless access points
- New business notebooks will be needed in one year with old business machines going to the elementary
- Continued professional development will occur to help staff provide training to students to help ensure their online safety

Budgets:**2017-2018:**

Item	Price
Chromebooks	65@\$200 each
Interactive Projectors	2@\$1800 each
Administrative Desktop	\$650
Microsoft Office and Windows	\$600
Calculators	\$100
Unanticipated Needs	\$2300
Total	\$20,250

2018-2019

Item	Price
Chromebooks	10@\$200 each
Notebooks for Business Classroom	15@\$600 each
Interactive Projectors	2@\$1800 each
Microsoft Office and Windows	\$600
Unanticipated Needs	\$3000
Total	\$19,200

2019-2020

Item	Price
Chromebooks	20@\$200 each
Interactive Projectors	2@\$1800 each
Microsoft Office and Windows	\$600
Unanticipated Needs	\$3000
Total	\$11,200