

**GRAFTON PUBLIC SCHOOLS**  
GRAFTON, NORTH DAKOTA

**TECHNOLOGY PLAN**  
2017-2018, 2018-2019, 2019-2020, 2020-2021



**July 2020**

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# **TECHNOLOGY PLAN 2016-2020**

## ***GRAFTON PUBLIC SCHOOL DISTRICT #3***

### **INTRODUCTION**

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Grafton's population of 4,300 is located in the heart of potato and sugar beet country in northeastern North Dakota. It is a progressive community that promotes growing businesses and new industries. The city has high expectations and promotes its community development. A priority is the school system. Approximately 950 students attend Kindergarten through twelfth grade classes at four schools; Century Elementary, Central Middle School, Grafton High School, and the North Valley Technical and Career Center. The Upper Valley Special Education Unit is located in Grafton and supports nine member schools and preschool education. Grafton school system is considered a regional support for area school districts and is a member of the Red River Valley Education Cooperative Joint Powers Agreement. The school district has one central administrative site.

The school system continues to excel in academics, fine arts, and athletics. The district is home to a high school hockey team and a host of Class "B" sports, as well as several clubs. Technology specific activities include Robotics and Lego League. A defining characteristic of the student population is its diversity. Grafton Public School District has a large migrant population. The district operates a Title I Schoolwide program, an English Language Learners program (ELL) (English as a second language), an Extended School Program (ESP), a preschool, and a Parent Resource Center. All programs enhance student educational opportunities and have noteworthy parent involvement. All programs have significant student participation.

The school system is highly supported by an enriched community, numerous intervention programs, academic liaisons, involved parents, and an approachable and responsive School Board. Providing a safe and academically successful learning environment for all students is the essential issue.

The average income in the city of Grafton ranks among the lowest in North Dakota. The diversity of the student population presents equity and student achievement challenges.

Grafton Public School is seeking new and effective approaches to teaching and learning. The Grafton technology plan integrates technology with educational goals, values and objectives that are pertinent to students and proven in classroom learning situations. Students benefit when educational technology is used to support challenging curricula and take advantage of advanced learning strategies such as collaborative learning, problem solving, critical thinking, and project-based learning. These learning strategies allow students to become active participants and managers of their own learning experience. Education technology is also an important tool for research, communicating, and sharing information, not only between teachers and students, but individuals as they progress in life situations.

### **TECHNOLOGY PLANNING PROCESS**

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The Grafton School District Wide Technology Committee met during the 2017-2018 school year to collect, identify, and analyze data from a variety of resources to update the new three-year Grafton Technology.

The committee reviewed a Vision Statement, and outlined attainable and meaningful goals as well as future Technology Plans.

***Grafton Public School Technology Committee Team Members:***

Darren Albrecht – Superintendent	Michael Hanson – NVCTC Director
Cal Kaste – Technology Director	Randy Rice – Junior & Senior High School Principal
Cameron Lentz – Technology Coordinator	Krystle Thiele – MS Instructional Coach
Stephanie Baldwin – HS Librarian/HS Instructional Coach	
Robin Holt – Elementary Librarian	Joseph Demers – NVCTC Instructor
Jackie Midgarden – ES Instructional Coach	Sherri Hurt – ES Technology Educator/Facilitator

2015-2016 Preliminary stages of preparing to develop a district wide technology plan, the Grafton Technology committee members reviewed the previous local technology plan, the North Dakota Technology Plan from the Department of Public Instruction, and EDUtech. The technology plan is a strand in a strategic school wide plan. This plan aligns with the AdvancED School Improvement Process, North Dakota Education Standards, local surveys and resources, the Title I Schoolwide Planning and programming, Professional Development, as well as the District Long Range Strategic Planning Goals.

Using the results of this data, the committee selected the technology planning method to be used (North Dakota State Department Template), determined the criteria to be evaluated in the technology plan, and generated a list of prioritized technology issues to be researched. The committee evaluated the technology planning process and made recommendations on any changes or modifications required to augment the process.

Technology meetings are held with technology integration goals and objectives. The Grafton Public School's Technology Committee surveyed and collected data from staff, students, and parents. The committee gathered input through observations of teachers and students and used parent and community input from a long-range goal-setting meeting held in the winter of 2016. The committee also used the AdvancED Needs Assessment documentation and student achievement data disaggregated from the North Dakota State Assessment. Specific input was requested from the technology coordinator and the administrative staff to develop the district wide technology plan. Also much discussion with the stakeholders was held one-on-one. Much of the communication and development was done electronically to avoid conflicts with meetings. The following areas were determined as Target Areas and goals:

**Increase Student Achievement, Improve Classroom Instruction, and Advance Technology Education**

The draft plan was sent to all administrators, technology planning team, community stakeholders and selected teachers for further review and input. Revisions were made and the final plan was submitted to the Grafton School Board and was approved at their monthly board meeting on April 8, 2013. After board approval, the technology plan was given to administrators and presented and discussed at staff meetings. The current technology plan is available on the Grafton Public School website. The plan will be communicated to parents and community members through a link posted on the website.

Spring 2018, a needs assessment was conducted district wide. See attachment at the end of the document.

## **VISION STATEMENT**

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### ***Grafton School District Mission Statement:***

*“Inspiring Confidence, Building Character”*

With this mission statement in mind, the Grafton School District approaches technology as one of the essential means for students to achieve success, acquire knowledge and become 21st Century learners. Technology opportunities allow students to gain skills and proficiencies that enable them to use technology as a facilitating factor within the life-long learning process. The Grafton School District School Improvement Committee identified student achievement as a priority. In an effort to improve student achievement, the use of technology in the school environment through both direct instruction and student application can help accomplish this goal.

Technology continues to evolve; changing the way we learn, provide instruction, and communicate. Students and staff should understand and be comfortable using the power technology has to enhance the teaching and learning process, to stimulate creativity and self-discovery, to communicate more effectively, to work more efficiently, to solve problems and to access and analyze information. In providing technology opportunities, the district expects its educators in all areas of responsibility and across all areas of the curriculum to utilize technologies to facilitate the teaching and learning process.

***Vision Statement:*** To provide educators, staff, and students with the best available educational technology and best practices technological education to improve teaching and learning and ultimately raise student achievement.

### **The Technology Plan: Purpose and Objectives:**

- To understand, practice and encourage the legal and ethical use of technology
- To promote effective learning through effective teaching.
- To integrate technology into the all curricular areas.
- To make current technology available and accessible to all students, faculty, staff, and administration.
- To establish and maintain minimum required competencies for students, faculty, staff and administration.
- To periodically re-evaluate the district’s commitment to technology to ensure that the most effective teaching and learning tools are provided to our students and staff.

### **Competencies for Faculty:**

- Communicate electronically.
- Prepare materials for teaching with available technology
- Offer student instruction through various media related devices
- Use devices and desktop computer applications and the school’s network
- Use the school’s student information system: PowerSchool

- Understand and use the equipment in the school's 1:1 devices policy and be able to use a lab for teaching a class.

### ***Twenty-First Century Skills***

In order to thrive in a digital economy, students will need digital age proficiencies. It is important for the educational system to make parallel changes in order to fulfill its mission in society, namely the preparation of students for the world beyond the classroom. Therefore, the educational system must understand and embrace the following 21<sup>st</sup> century skills within the context of rigorous academic standards.

1. Digital Age Literacy – Today's Basics
  - Basic, Scientific, and Technological Literacies
  - Visual and Information Literacy
  - Cultural Literacy and Global Awareness
2. Inventive Thinking – Intellectual Capital
  - Adaptability/Managing Complexity and Self-Direction
  - Curiosity, Creativity and Risk-taking
  - Higher Order Thinking and Sound Reasoning
3. Interactive Communication – Social and Personal Skills
  - Teaming and Collaboration
  - Personal and Social Responsibility
  - Interactive Communication
4. Quality, State-of-the-Art Results
  - Prioritizing, Planning, and Managing for Results
  - Effective Use of Real-World Tools
  - High Quality Results with Real-World Application

## **PRINCIPLES: GOALS, OBJECTIVES, STRATEGIES, AND TIMELINES**

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The implementation of the technology vision will be accomplished by aligning all technology initiatives to one or more of the following technology principles. Principles are identified for both students and teachers.

### **STUDENTS**

- Principle #1: Empowered Learner
- Principle #2: Digital Citizenship
- Principle #3: Knowledge Constructor
- Principle #4: Innovative Designer
- Principle #5: Computational Thinker
- Principle #6: Creative Communicator
- Principle #7: Global Collaborator

#### **PRINCIPLE #1: Empowered Learner**

Student Goal: Students leverage technology to take an active role in choosing, achieving and demonstration competency in their learning goals, informed by the learning sciences. Students:

1a

- Students articulate and set personal learning goals, develop strategies leveraging technology to achieve them and reflect on the learning process itself to improve learning outcomes.

1b

- Students build networks and customize their learning environments in ways that support the learning process.

1c

- Students use technology to seek feedback that informs and improves their practice and to demonstrate their learning in a variety of ways.

1d

- Students understand the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies.

## PRINCIPLE #2: Digital Citizenship

Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical. Students:

2a

- Students cultivate and manage their digital identity and reputation and are aware of the permanence of their actions in the digital world.

2b

- Students engage in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.

2c

- Students demonstrate an understanding of and respect for the rights and obligations of using and sharing intellectual property.

2d

- Students manage their personal data to maintain digital privacy and security and are aware of data-collection technology used to track their navigation online.

## PRINCIPLE #3: Knowledge Constructor

Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others. Students:

3a

- Students plan and employ effective research strategies to locate information and other resources for their intellectual or creative pursuits.

3b

- Students evaluate the accuracy, perspective, credibility and relevance of information, media, data or other resources.

3c

- Students curate information from digital resources using a variety of tools and methods to create collections of artifacts that demonstrate meaningful connections or conclusions.

3d

- Students build knowledge by actively exploring real-world issues and problems, developing ideas and theories and pursuing answers and solutions.



#### PRINCIPLE #4: Innovative Designer

Students use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions. Students:

4a

- Students know and use a deliberate design process for generating ideas, testing theories, creating innovative artifacts or solving authentic problems.

4b

- Students select and use digital tools to plan and manage a design process that considers design constraints and calculated risks.

4c

- Students develop, test and refine prototypes as part of a cyclical design process.

4d

- Students exhibit a tolerance for ambiguity, perseverance and the capacity to work with open-ended problems.

#### PRINCIPLE #5: Computational Thinker

Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions. Students:

5a

- Students formulate problem definitions suited for technology-assisted methods such as data analysis, abstract models and algorithmic thinking in exploring and finding solutions.

5b

- Students collect data or identify relevant data sets, use digital tools to analyze them, and represent data in various ways to facilitate problem-solving and decision-making.

5c

- Students break problems into component parts, extract key information, and develop descriptive models to understand complex systems or facilitate problem-solving.

5d

- Students understand how automation works and use algorithmic thinking to develop a sequence of steps to create and test automated solutions.

## PRINCIPLE #6: Creative Communicator

Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals. Students:

6a

- Students choose the appropriate platforms and tools for meeting the desired objectives of their creation or communication.

6b

- Students create original works or responsibly repurpose or remix digital resources into new creations.

6c

- Students communicate complex ideas clearly and effectively by creating or using a variety of digital objects such as visualizations, models or simulations.

6d

- Students publish or present content that customizes the message and medium for their intended audiences.

## PRINCIPLE #7: Global Collaborator

Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally. Students:

7a

- Students use digital tools to connect with learners from a variety of backgrounds and cultures, engaging with them in ways that broaden mutual understanding and learning.

7b

- Students use collaborative technologies to work with others, including peers, experts or community members, to examine issues and problems from multiple viewpoints.

7c

- Students contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.

7d

- Students explore local and global issues and use collaborative technologies to work with others to investigate solutions.

## **TEACHERS**

All classroom teachers should be prepared to meet the following standards and performance indicators:

## I. Technology Operations and Concepts

*Teachers demonstrate a sound understanding of technology operations and concepts.*

*Teachers:*

- demonstrate introductory knowledge, skills, and understanding of concepts related to technology.
- demonstrate continual growth in technology knowledge and skills to stay abreast of current and emerging technologies.

Strategy	Timeline
Provide ongoing staff development through technology professional learning activities. This ongoing staff development will ensure our instructors success in utilizing technology in the classroom as they deliver digital instruction to our students.	Yearly staff needs assessment survey. Before school technology PLC one time per week will ensure that employees receive necessary technology training.
Staff instructional support in technology provided by a technology instructional coach	2018 - Equipment 2019 - Professional Development Ongoing

## II. Planning and designing learning environments and experiences

*Teachers design effective learning environments and experiences supported by technology.*

*Teachers:*

- design developmentally appropriate learning opportunities that apply technology-enhanced instructional strategies to support the diverse needs of learners.
- apply current research on teaching and learning with technology when planning learning environments and experiences.
- identify and locate technology resources and evaluate them for accuracy and suitability.
- plan for the management of technology resources within the context of learning activities.
- plan strategies to manage student learning in a technology-enhanced environment.

Strategy	Timeline
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GPS will begin to phase out computer labs district wide as we move toward a student to computer ratio of 1:1. Chromebooks will be provided for all students when they enter seventh grade. Students will keep Chromebooks throughout high school career.	High School (9-12) 2018-2019 1:1  Middle School (7-8) 2018-2019 1:1 2018-2019 - 1:1 7-12 and Equipping Elementary classrooms
Chromebooks in every classroom	2016-2017 2-6: Chromebooks associated with each grade
GPS and NVCTC will collaborate to create a MakerSpace for all schools. MakerSpace will include, but not limited to; items and tools used to program, design and build.	2017-2018 - NVCTC Ongoing

### III. Teaching, Learning, and the Curriculum

*Teachers implement curriculum plans that include methods and strategies for applying technology to maximize student learning.*

*Teachers:*

- facilitate technology-enhanced experiences to address content standards and student technology standards.
- use technology to support learner-centered strategies that address the diverse needs of students.
- apply technology to develop students' higher order skills and creativity.
- manage student learning activities in a technology-enhanced environment.

Strategy	Timeline
GPS endorses the National Educational Technology Standards for Teachers and School Administrators (NETS) and the ND State Technology Standards and used them in developing standards for teachers, students, and administrators. Technology standards are used as a guide for providing professional development opportunities in the district.	Ongoing
Teachers will facilitate students' use of digital resources to locate and evaluate media, build background knowledge, and review content.	Update annually

Teachers will facilitate students' use of tools to create, collaborate, and communicate their learning.	Ongoing
Teachers will ensure students are able to produce, publish and share digital media using current technology.	Ongoing
Teachers will implement standards-based learning opportunities that use technology-enhanced instructional strategies to meet the learning styles/needs of students, including students with disabilities. Electronic "portfolios" will be used to store technology integration projects created by students K-12 and stored in student accounts. Projects are based on district technology standards for each grade level.	Ongoing
Technology Teaching Position shared with the Career and Technical Center focused on 21st Century Learning.	Ongoing - Norby, Shuley
Teachers will provide students with the opportunity to develop higher order thinking skills and creativity through curriculum relating to STEM, Robotics, LEGO Mindstorms	Ongoing
Grafton Public Schools will continue to provide extra-curricular technology activities such as LEGO League, STEM Academy Summer Camp, and Vocational opportunities through ESP.	Ongoing
Grafton Public School students have the opportunity to take technology related classes (Drafting, Construction, Marketing, Health Careers, Machine Tool Technology, Welding, Video Editing, Emerging Technology, Auto Technology, Multimedia, and Sports Entertainment Marketing) at the North Valley Career and Technology Center.	Ongoing

#### IV. Assessment and Evaluation

*Teachers apply technology to facilitate a variety of effective assessment evaluation strategies.*  
*Teachers:*

- apply technology in assessing student learning of subject matter using a variety of assessment techniques.
- use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning.
- apply multiple methods of evaluation to determining students’ appropriate use of technology resources for learning, communication, and productivity.

Strategy	Timeline
Grafton Public Schools is a North Dakota Statewide Longitudinal Data System (SLDS), a data warehouse. This system enables teachers and administrators to triangulate data derived from multiple assessment sources. Reports from SLDS gives teachers and administrators academic and behavioral data to make data driven decisions regarding student programming.	GPS will continue to update, train staff and maintain SLDS.

GPS utilizes several student performance software suites which enhance student achievement. The software GPS currently uses includes, NWEA, FASTBridge, Odyssey Ware and IXL.	GPS will continue to utilize, update and maintain the student performance software suites.
GPS uses Web-based Electronic Individual Education Plans (IEP) through Tienet to assist teachers with individualized programming for special education programs.	Ongoing
GPS will utilize the SDLS District team to view and disseminate data. Instructional Coaches will facilitate benchmark assessment and progress monitoring of students who fall on the needs based schedule.	2013-2014 Ongoing

## V. Productivity and Professional Practice

*Teachers use technology to enhance their productivity and professional practice.*

*Teachers:*

- use technology resources to engage in ongoing professional development and lifelong learning.
- continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning.
- apply technology to increase productivity.
- use technology to communicate and collaborate with peers, parents, and the larger community in order to nurture student learning.

Strategy	Timeline
GPS will promote 21st Century Learning environments, such as blended, flipped, or web-based classrooms.	Ongoing
GPS has a Google Domain for staff and student use.	Implemented 2012-13 Ongoing
GPS will continue the development of websites for the district and individual schools. The websites will include calendars, events, policies and procedures, links to teachers, and other topics as needs arise.	Ongoing

GPS will continue to implement digital signage to broadcast school related news and events throughout the school building.	Ongoing
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## VI. Social, Ethical, Legal, and Human Issues

*Teachers understand the social, ethical, legal, and human issues surrounding the use of technology in PK-12 schools and apply that understanding in practice.*

*Teachers:*

- model and teach legal and ethical practice related to technology use.
- apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.
- identify and use technology resources that affirm diversity.
- promote safe and healthy use of technology resources.
- facilitate equitable access to technology resources for all students.

Strategy	Timeline
Adult Education opportunities are provided monthly through the North Valley Career and Technology Center.	Ongoing
The district teaches internet safety K-12. The plan includes instruction by teachers, librarians, and counselors.	Ongoing
Appropriate technology and applications are incorporated into the classrooms for diverse learners.	Ongoing



## **PROGRAM EVALUATION AND ACCOUNTABILITY**

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Program evaluation and accountability is focused on:

1. Improving student achievement through the use of educational technology in the Grafton Public School System.
2. Providing students with enriched learning opportunities.
3. Ensuring all educators are proficient in the use and integration of technology.
4. Providing access to appropriate and effective technology resources for all educators and all students.

The evaluation and accountability will be measured annually and publicly published.

1. The technology planning committee meets annually to assess current practices, problem solve, and plan for the future.
2. A needs assessment to include educators, administrators, board members, students, parents, and community members will be conducted annually.
3. Based on the needs assessment findings, a plan will be developed to address the current and future needs.

## BUDGET

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Budget Expenditures	2017-2018	2018-2019	2019-2020
Professional Salaries	130,000.00	120,000.00	130,000.00
Employee Benefits	27,000.00	28,000.00	30,000.00
Purchased & Technical Services	23,500.00	25,000.00	25,000.00
Maintenance of Equipment	10,000.00	10,000.00	25,000.00
Travel	200.00	500.00	500.00
Materials & Supplies	10,000.00	10,000.00	10,000.00
Equipment	100,000.00	100,000.00	100,000.00
Others, Dues, Fees	3,300.00	3,400.00	3,400.00
<b>Total</b>	<b>\$304,000.00</b>	<b>\$296,900.00</b>	<b>\$323,900.00</b>

## TECHNOLOGY THREE-YEAR CYCLE

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2017-2018	
85 GPS III / Google Chromebooks	\$16,381.70
85 Google Console Licenses	\$2,125.00
8 Chromebits – Digital Signage	\$800.00
8 Projectors	\$4,800.00
TV – GHS Instr. Coach	\$700.00
J-Touch – Lillemoen	\$3,000.00
Server Maintenance	\$5,000.00
Damaged Chromebook Replacement	\$15,000.00
Maintenance, Repairs & Supplies	\$48,700.00
<b>Total</b>	<b>\$96,500.00</b>

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**2018-2019**

150 GPS III/Chromebooks & Google Licenses	\$36,660.00
8 Projectors	\$4,800.00
Maintenance, Repairs & Supplies	\$27,100
<b>Total</b>	<b>\$65,500.00</b>

**2019-2020**

150 GPS III/Chromebooks	\$45,500.00
8 Projectors	\$4,800.00
6 Audio Enhancement	\$8,000.00
Maintenance, Repairs & Supplies	\$18,700
<b>Total</b>	<b>\$77,000.00</b>

**2020-2021**

150 GPS III/Chromebooks	\$45,500.00
75 Chromebooks for HS/JH Classrooms	\$29,850.00
267 Century Elementary Chromebooks	\$56,337.00
8 Projectors	\$4,800.00
6 Audio Enhancement	\$8,000.00
28 Chromebook carts	\$15,000.00
Maintenance, Repairs & Supplies	\$18,700
<b>Total</b>	<b>\$178,187.00</b>

**INVENTORY**

<b>Name</b>	<b>Computers</b>	<b>Count</b>
<b>High School</b>	Desktops in library lab (2014/2016)	10
	GPS III (Netbooks/Chromebooks)	300

	Desktops (Business Ed Classroom)	23
	Staff Desktops	8
	Staff Laptops	19
	Desktops (Alt. Ed)	6
	Desktops (Special Ed)	3
	Chromebooks (Special Ed)	8
	<b>Total High School</b>	<b>377</b>
<b>Middle School</b>	Desktops in Keyboarding lab (2006)	30
	Classroom Desktops (2006)	20
	Staff Laptops	23
	Chromebooks on cart	60
	Chromeboxes – Title I Math	10
	Chromebooks – ELL	10
	Chromebooks – GPS III	147
	<b>Total Middle School</b>	<b>300</b>
<b>Elementary</b>	Desktops in Computer Lab	30
	Chromebooks in Library Computer Lab	27
	Classroom Desktops	21
	Staff Laptops	32
	Chromebooks	90
	<b>Total Elementary</b>	<b>198</b>
<b>Other</b>	Chromeboxes - Lunch	4
	Bus Barn/Lunch/Custodians/Technology	5
	Central Office Computers/Laptops	2
	Century Office Computers/Laptops	4

	High School Office Computers	5
	Spare Computers	2
	School Board	7
	Special Education	24
	Digital Signage	7
	<b>Total Others</b>	<b>60</b>
	<b>Total Grafton Public Schools Computers</b>	<b>945</b>

<b>Name</b>	<b>District Activboards with projectors and sound systems</b>	<b>Count</b>
<b>High School</b>		
	Activboards with projectors	<b>13</b>
	InFocus – J-Touch	<b>3</b>
	ActivBoard TV	<b>1</b>
	Sound Systems	<b>19</b>
<b>Middle School</b>		
	Activboards with projectors	<b>18</b>
	Samsung TV's	<b>4</b>
	Sound Systems	<b>19</b>
<b>Elementary</b>		
	Activboards with projectors	<b>38</b>
	Sound Systems	<b>32</b>

## TECHNOLOGY PLAN CONTACT

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(701) 352-1930 (Work)

## ACCOMPLISHMENTS

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Grafton Public Schools technological accomplishments over the past three years:

- 1:1 Netbook Initiative (2016: 7-12)
- Digital Signage
- Google Site - Website
- Infrastructure: Access Points & Switches
  - 10GB Fiber to All Cabinets
  - Security Cameras/Intercom Traffic on own VLAN
- Online Library - ebooks
- Off Site Access to Digital Cameras and Video Cameras
- Helpdesk – ticket system for repairs & improvements
- iPads –Staff
- iPad mobile lab – Middle School
- iPad mobile lab – High School
- Revision of Acceptable Use Policy
- Multiple Student Assessment: NWEA, FASTBridge
- Online Math Curriculum – Saxon & IXL, GoMath
- Online Reading Curriculum
- Schoology
- OdysseyWare – successful credit recovery
- Paperless Board Meetings
- Google Apps for Education School District
- GoGuardian – Filtering and Teacher Observation Software for Chromebooks
- iObservation – Teacher Evaluation – Marzano
- Weblink – Employee Attendance and Requisition Management
- Chromebook Carts in Grades 2-6
- iPad Carts in K-1
- iPads in PreK
- LobbyGuard Secure Door Check In
- Google Classroom
- MakerSpace
- Updated Copiers/Printers
- PaperCut – Print Management
- Mobile Raspberry Pi Lab
- STEAM Classroom

- Rauland IP Intercom – District/NVCTC
- Avaya IP phone system
- Meraki Wireless Access Points and system
- Meraki Security Cameras

## Important School Technology Plan Information For Schools Participating in Applications for Universal Service Fund Discounts

### PLEASE NOTE: Attach This Notice to Your 2013-16 School Technology Plan.

The Schools and Libraries Division (SLD) of the Universal Service Administration Company (USAC) may ask for this information during the E-Rate approval process or during a site visit or program audit.

**School Name:** Grafton School District 3

**School Location:** 1548 School Road, Grafton, ND, 58237-1715

The educational technology plan submitted in October 2013 is approved until June 30, 2016 with the following stipulations:

1. Annually update your technology plan for any new technology initiatives (ex: wireless, videoconferencing, lab upgrades, cellular service, etc).
2. Annually update your technology plan and inventory to reflect equipment and services purchased with e-rate and non-e-rate funding.
3. Annually update your technology plan budget identifying funds coming in and going out for technology and professional development, including any amount shown in the table below as "Local School Funds."
4. Annually update your technology plan regarding any administration, technology staff, and technology committee personnel changes.
5. Annually update your technology plan for any buildings added or closed.
6. Include this notice with your technology plan to ensure you have the following 2014-15 information available if requested by USAC:

The following financial information relates to your school's inclusion in the statewide North Dakota SchoolNet Consortium E-Rate Application

Revenue:		Expenditures:	
ND SchoolNet E-rate Reimbursement	\$8,583.48	STAGNet Connectivity & Internet Access	\$13,411.88
State General Funds	\$4,828.20		
Local School Funds	\$0.00		

The technology plan updates stipulated above may be in the form of addendums and attachments. Based on these stipulations, your technology plan does not need to be resubmitted for approval.

Signature:

*David Skogen*

David Skogen

ND State E-rate Coordinator