

# TGU School District #60

## Technology Plan

2010-2013

Respectfully Submitted by  
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Revised:

**TECHNOLOGY PLAN  
TGU SCHOOL DISTRICT  
2010 – 2013**

**B. [Technology Planning Process] - Technology planning process  
How was your plan developed? What planning process did you use?**

**1. How did you get input from a variety of the school's internal and external publics (stakeholders)?**

TGU School District has surveyed students, parents, staff, and community through the school education improvement process. The School Wide Planning Committee has also completed a needs assessment to gain information. Questions on the survey included but were not limited to: technology needs, filtering, Internet safety, using technology across the curriculum, etc.

**2. Who was on your school's planning team? What were their roles?**

The TGU School District Technology plan was developed by the district technology coordinators with input from the TGU Superintendent and the TGU Education Coordinator.

Name	Position	School
Jennifer Zachmeier	Technology Coordinator	TGU Towner
Kasey Mohagen	Technology Coordinator	TGU Granville
Debby Marshall	Superintendent	TGU
Tracie Welk	Education Coordinator	TGU

**3. How was your plan approved and by whom?**

Mrs. Debby Marshall, Superintendent of TGU School District and the TGU School Board approved the 2010 – 2013 Technology Plan.

**4. How were your Internet filtering decisions made and by whom?**

TGU Internet filtering decisions are made according to the districts Acceptable Use Policy. Adjustments to the Internet filtering policy are submitted to the districts technology coordinators and building administrators for approval.

**5. How did you document that your school's Internet filtering decisions were discussed at a public meeting, such as the school board?**

TGU School District Internet filtering decisions and Acceptable Use Policy were approved at a public school board meeting. The Internet filtering and Acceptable Use Policy are reviewed and amended annually prior to the beginning of each

school year.

**6. How was your plan communicated to the school's internal and external publics (stakeholders)?**

The technology plan is communicated through the TGU Towner and TGU Granville School websites to both internal and external stakeholders. The district Technology Plan is also presented at a public school board meeting.

**C. [Vision Statement] - School technology vision statement.  
How and why will technology be used in your school?**

It is the vision of the TGU School District to provide all of the students enrolled in and graduating from TGU School District with a working knowledge and understanding of those technology resources that will allow for their success in higher education or post-secondary vocational/technical education and subsequent procurement of employment. The districts technology resources will also improve the ability of students, teachers, administrators, and community members to obtain, utilize, distribute, receive, and assess information and knowledge more efficiently and effectively.

**D. [Goals, Strategies and Timelines] - How your school will realize its vision for technology and learning.**

**1. How will your school create learning environments that include effective technology resources for educators and students?**

TGU will create learning environments that include effective technology resources by implementing interactive technology equipment into each instructional classroom.

**i. What goals, strategies and timelines have been identified in your education improvement plan related to creating learning environments that include effective technology resources for educators and students?**

(see table on page 4)

Goal	Strategy	Timeline
All instructional	TGU will continue to	Present – 2011

classrooms will be equipped with an interactive whiteboard.	install promethean boards in classrooms that currently do have them.	
Student response systems will be available for all instructional classrooms	TGU will continue to purchase student response systems for classroom use as requested.	Present – 2013
Others according to Technology Advisory Committee		

**ii. How will your school decide which hardware, software, telecommunications and other services will be needed to improve education?**

The Technology Advisory Committee will decide which hardware, software, telecommunications, and other services that will be needed by analyzing the results of the TGU Technology Survey.

**iii. What specific technologies will your school use to reach the goals of improved teaching and learning (hardware, software, telecommunications, the Internet)?**

The TGU School District implements the following technologies:

- Mobile Computer Labs
- Stationary Computer Labs
- Teacher Computers
- 4Mat Lesson Planning
- Student Electronic Portfolios
- Learn 360
- Interactive Whiteboards
- Interactive Response Systems
- LCD Projectors in instructional classrooms
- Curriculum Mapping
- PowerSchool- to be implemented Spring 2010
- Scheduled Freshman Computer Applications Class
- Instant Alert
- Document Cameras
- Digital Cameras
- Digital Video Cameras
- Scanners
- E-Mail
- TGU Listserv
- Microsoft Office
- NWEA MAP
- ITV System Stationary
- Mobile ITV Systems

- Video Conferencing
- Web Filtering
- Quick Popup (Internal Messaging System)
- Web 2.0 Tools (Edmodo, Google Docs, YouTube, etc.)
- Adobe Creative Suite CS4
- iLife
- All the Right Type
- Finale
- MicroType Pro
- Cell Phones
- JMC Grading Software
- JMC Online Parent
- Easy Grade Pro
- Wireless Internet
- Telephones
- Tumblebooks (online subscription)
- Atomic Learning
- Indistar
- Webinars
- Skype
- Stagenet Upgrade & Improvements
  - Upgrade Endpoint ATM to Ethernet Transport Service (Minimum 5-10 mb)
  - Upgrade End Point Hardware
  - Deploy New Backbone Infrastructure
  - Install New DNS/DHCP
  - 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. The STAGEnet upgrade project will deliver a much needed equipment refresh to the schools and update some of the core network equipment. This upgrade will allow us to significantly increase the bandwidth available to the schools (minimum of 10mb) and have a minimal impact to cost. The initial upgrade for the educational sites should be completed for the 2009-2010 school year.

**iv. How will your school ensure that the learning environments created meet the learning style/needs of all students including students with disabilities and other NCLB subgroups?**

TGU will ensure that the learning environments created meet the learning styles/needs of all student by the implementation of 4MAT lesson plans, electronic portfolios, curriculum standards and benchmarks. 4MAT is a framework for instructional design that is adaptable for all learners. 4MAT leaders have been established as a way to provide support and assistance to teachers when needed. TGU implements electronic portfolios that engage students in learning by showing their performances, encouraging reflection, and providing feedback.

**v. How are technology resources distributed in the school (student to computer ratios and, for example, classroom clusters, one-one initiative, computer labs, mobile lab carts, etc.)?**

TGU stationary labs will strive to remain adequate to accommodate the largest class size by grade.

TGU Granville High School Computer Lab  
TGU Towner High School Computer Lab  
TGU Towner Elementary Computer Lab  
TGU Granville Elementary Mobile Lab  
TGU Towner Netbook Lab

Additional Computers Available:

TGU Towner Library  
TGU Granville Library  
TGU Towner Resource Room  
TGU Granville Resource Room  
Various Classrooms

**vi. How will your school provide technical support to ensure that technology resources are reliable and available to educators and students?**

TGU School District will provide up to date equipment according to our purchasing schedule (See Appendix D), technology assistants, timely technology assistance, and sufficient time for technology duties during the school day. Our purchasing schedule will ensure that up to date technology is provided to both students and teachers. Technology mentors will be assigned to provide additional assistance on a daily basis. Administrators will provide scheduling for technology support staff that will be conducive to an efficient technology environment.

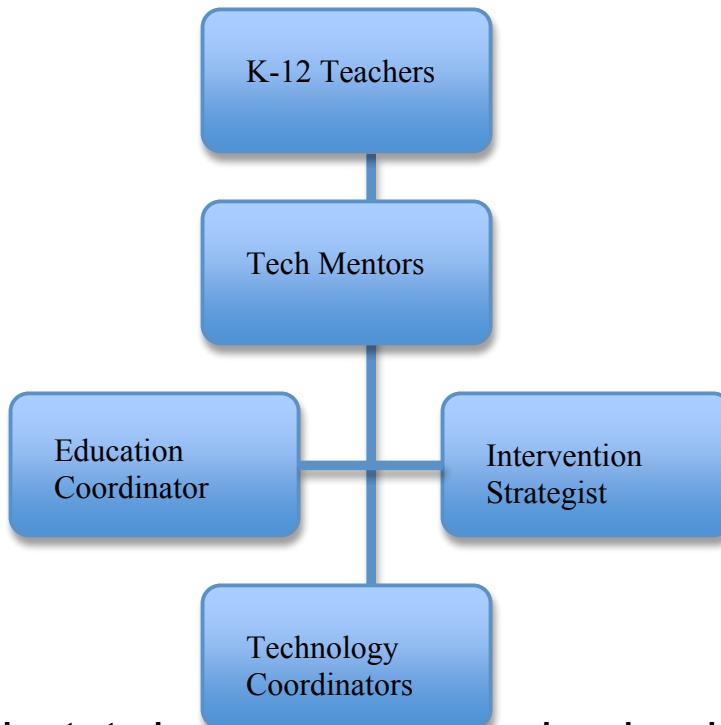
**2. How will your school support educators in their use of appropriate technologies to improve their teaching and other professional practices?**

TGU will support educators in their use of appropriate technologies to improve their teaching and other professional practices with the assistance of the TGU

Education Coordinator, the TGU Intervention Strategist, and District Technology Coordinators. The TGU Education Coordinator, Intervention Strategist, and Technology Coordinators are available on a daily basis to assist teachers as illustrated (Figure 1). Figure 2 illustrates the technology support infrastructure.

Tech Mentors	Education Coordinator	Intervention Strategist	Technology Coordinator
Basic hardware and software troubleshooting For example: printer issues, software downloads, assistance with peripherals etc.	4MAT Student electronic portfolios Learn 360 Curriculum Mapping TGU Listserv	NWEA MAP Testing DIBELS Testing (Reading/Math)	Manage technology For example: technology planning, proposals, purchasing, networking, maintain school website, troubleshooting, server maintenance, training, etc.

Figure 1



**i. What goals, strategies and timelines have been identified in your school's education improvement plan related to supporting educators in their use of appropriate technologies to improve their teaching and other professional practices?**

Goal	Strategy	Timeline
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Improve Teachers Instructional Practice through the use of technology across the curriculum	<ul style="list-style-type: none"> <li>•Implement Curriculum mapping through Atlas Curriculum Mapping</li> <li>•Use of internet as a research tool</li> </ul>	Continuous and ongoing through UEP professional development activities
More efficient communication with community and parents	Introduce Instant Alert to parents and community	Continuous and ongoing

**ii. How will your school assess the technology skills and needs of educators (assessment tools, annual staff evaluation process, etc)?**

TGU School District will team with Atomic Learning by purchasing the Tech Skills Package and 21<sup>st</sup> Century Professional Development/ Tech Integration. Key components of this package include Teacher Assessment that allows for a pre and posttest for each teacher based on 21<sup>st</sup> Century Skills.

**iii. How will your school ensure that educators possess the technology skills they need?**

TGU School District Administration and Technology Coordinators will analyze the results of the 21<sup>st</sup> Century Teacher Skills Assessment. At monthly staff meetings technology issues, lesson plans, strategies, and best practices will be shared. Efforts will be made to provide technology rich professional development opportunities to reflect those skills critical to function as an effective educator.

**1. Who is responsible for professional development in your school?**

TGU School District Superintendent, Principals, and the Education Coordinator are responsible for developing professional development. North Central Education Coordinator also provides professional development. Teachers are responsible for implementation and active participation.

**2. How will you select professional development opportunities to be made available to educators?**

TGU School Administrators assess professional development needs through classroom observations and evaluation as well as teacher input. Administration will make professional development opportunities available to teachers based on this information.

**iv. What types of professional development will be offered by your school (in-house, out of house, online, for credit, which professional development models, hands-on**

TGU provides in-house, out of house, online, for credit, professional development models, hands-on professional development opportunities listed but not limited to the items below:

- Atomic Learning
- North Central Education Cooperative (NCEC)
- NWEA
- Professional Learning Communities
- Book Study
- EDUTECH Trainings and Workshops
- Unified Education Plan (UEP)
- Area University Workshops and Classes
- Webinars
- TGU In-service as required by teacher contract
- ITV

**v. What type of professional development will your school offer to teachers related to Internet safety and responsible use of the Internet?**

TGU adheres to an Acceptable Use Policy and provides continuous professional development to support it such as handouts, speakers, webinars, conferences and workshops.

**vi. How does your school fund professional development?**

TGU School District funds professional development activities through a variety of sources such as the general fund, the technology levy, and state and federal grant dollars. Additional professional development opportunities that meet the needs of our district are provided and funded through NCEC.

**vii. What types of technology resources does your school use to communicate with students and parents (websites, PowerSchool, etc)?**

TGU provides the following technology resources to communicate with students and parents

- Instant Alert
- School websites
- Listserv
- Newsletters
- Calendars
- JMC Online Parent
- PowerSchool
- E-mail

- District cell phones
- Educational Social Networks-Edmodo
- ITV

**3. What kinds of technology enriched learning opportunities will your school offer to students?**

TGU views it as a priority that a wide variety of technology sources be introduced to and utilized by students. Each site is equipped with three interactive television systems. Virtual Career and Tech Courses are also made available to students. By the fall of 2010, all TGU instructional classrooms will be equipped with a mounted projector along with an Interactive Promethean Board and have access to student response systems. Each TGU site also has access to a mobile lab.

**i. What goals, strategies and timelines have been identified in your school’s education improvement plan related to offering technology enriched learning opportunities to students?**

Goals	Strategy	Timeline
All students graduate with a working knowledge and understand of those technology resources that allow for success in their future.	Offered varied experiences with technology such as: Student electronic portfolios, interactive whiteboard and response systems, peripherals, e-mail, listserv	Daily

**ii. What specific learning goals will your school have related to student technology use (8th grade technology literacy, ND Library Technology Literacy/Standards, local technology benchmarks) and how will those student technology skills be assessed?**

TGU School District will team with Atomic Learning by purchasing the Tech Skills Package and 21<sup>st</sup> Century Professional Development/ Tech Integration. Key components of this package include Student Assessment that allows for a pre and posttest for each student based on 21<sup>st</sup> Century Skills.

**iii. How will your school ensure that the technology enhanced instructional strategies used in your school will meet the learning style/needs of all students including students with disabilities and other NCLB subgroups?**

TGU School District ensures that technology enhanced instructional strategies that meet the learning style of all students, including students with disabilities and NCLB subgroups, by utilizing the 4MAT lesson-planning model. (See Appendix E)

**iv. How will your school teach students about Internet safety and responsible use of the Internet?**

TGU adheres to an Acceptable Use Policy (See Appendix F) and provides continuous instruction to support it such as handouts, speakers, webinars, leadership conferences, and workshops and utilizes education resources such as iSafe and Netsmartz. TGU also works closely with the Community and Parent Partnership organization to provide information to students and parents

**v. How will your school make available to students learning opportunities that go beyond teaching technology skills toward using technology resources in collaborative, and project, problem and inquiry-based learning activities in all subject areas?**

TGU will make available to students learning opportunities through application of technology skills. As evidenced on Blooms Taxonomy, if only one subject area teaches technology we are at the bottom level (knowledge-remember). Our goal is to empower our students to climb the pyramid in order to be proficient users of technology. (See Appendix B)

**vi. How will your school make distance learning opportunities available to students who may benefit from such experiences?**

TGU Schools are members of a CTE Virtual Center and ITV Consortium. TGU School District has three ITV systems available at each site. Distance opportunities are made available to students in cooperation with the ITV and CTE area coordinator. Students are surveyed by administrators who then collaborate with the coordinator to develop an ITV and CTE schedule based on the results of the survey. Independent online study options are available to students upon request.

**4. What types of data systems will your school use to track student achievement, and analyze student and school data to improve teaching and learning outcomes for all students including those in NCLB subgroups (student information system, data warehouse and analysis tools, online testing, etc)?**

TGU uses NWEA Dynamic Reporting Suite, Jim Stenjehm-Statistically Analyze CTB, JMC, STARS, and Power School (to be implemented Spring 2011) to track student achievement. (See Appendix C)

**i. What goals, strategies and timelines have been identified in your school's education improvement plan related to using data systems?**

Goal	Strategy	Timeline
use data to enhance instructional practices	Analyze data through sub committees	Ongoing

**ii. How will data be used to measure improvements in education in your school?**

TGU utilizes committees and teams to review data on a regular basis to monitor student progress. (See Appendix A)

**5. How will your school use technology systems to help improve classroom practice by assessing and monitoring student achievement and analyzing those results in order to differentiate instruction and improve learning outcomes for each student, including students in NCLB subgroups?**

TGU will use DIBELS and NWEA MAP results to improve classroom practices by analyzing, accessing, and monitoring student achievement. NWEA MAP- small groups are identified through RIT scores to differentiate instruction; progress monitoring can occur through primary checklists, classroom teachers utilize NWEA to identify strengths and weaknesses

DIBELS- one on one progress monitoring that help identify at risk students. Classify students into three groups: benchmark, strategic, intensive

NDMILE and Indistar- guides improvement teams- whether district, school, or both- through a continuous cycle of assessment, planning, implementation, and progress tracking.

**i. How will your school use online adaptive testing such as NWEA MAP?**

TGU will use NWEA MAP testing to identify students who are at risk, set student goals, identify students who will not make benchmark, and to differentiate instruction.

**ii. How will your school use data warehouse/analysis tools such as ViewPoint?**

TGU School District would use a data warehouse or analysis tool to assist in disaggregating data to identify specific needs of our district. We currently do not use a data warehouse/analysis tools.

**iii. How will your school use student information systems such as PowerSchool to track student progress and analyze each student's achievement gaps and needs for differentiated instruction?**

TGU School District Data Committee tracks student progress and analyzes each student's gaps and need for differentiated instruction.

**6. How will your school assess the results of the technology resources implemented in your school?**

Students will be evaluated based on daily classroom performance and final grades along with the results of the 8<sup>th</sup> Grade technology skills assessment.

**i. Who is responsible for assessing the results of instructional strategies in your school?**

TGU Administrators and teachers are responsible for assessing the results of instructional strategies.

**ii. How will your school measure the success of each of your technology plan's goals and strategies?**

TGU will analyze the results from the Atomic Learning Assessments.

**iii. How will your school technology plan be updated on an annual basis and who is responsible for keeping the plan up to date?**

TGU will update our Technology Plan by revising our plan yearly. The district Technology Coordinators and Superintendent will be responsible for updating the plan.

### Technology Budget for TGU Public School District

<b>Budget Expenditures</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>
Professional Salaries	22,650.00	24,650.00	26,650.00	28,000.00
Employee Benefits	8,060.00	9,300.00	10,400.00	11,000.00
Purchased Technical Services	8,125.00	3,000.00	2,000.00	2,000.00
Professional Development	3,522.00	2,500.00	2,000.00	2,000.00
Maintenance of Equipment	500.00	1,000.00	1,000.00	1,000.00
Travel	800.00	800.00	800.00	800.00
Telecommunications & Internet-Local	8,500.00	9,000.00	9,200.00	9,500.00
Telecommunications & Internet-State Network	36,479.52	36,479.52	36,479.52	36,479.52
Materials & Supplies	23,268.31	21,550.00	11,200.00	12,300.00
Equipment	80,103.80	23,000.00	39,500.00	29,500.00
Other, Dues, Fees	1,640.00	1,640.00	1,640.00	1,640.00
<b>Total</b>	<b>\$193,648.63</b>	<b>\$132,919.52</b>	<b>\$140,869.52</b>	<b>\$134,219.52</b>
<b>Budget Revenue</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>
Local	122,606.11	68,120.00	77,270.00	70,920.00
State	9,235.00	8,900.00	8,700.00	8,400.00
Federal	17,984.00	11,500.00	10,500.00	10,500.00
TGU E-Rate	7,344.00	7,920.00	7,920.00	7,920.00
ND SchoolNet E-Rate	23,346.96	23,346.96	23,346.96	23,346.96
State-funded undiscounted portion of e-rate	13,132.56	13,132.56	13,132.56	13,132.56
<b>Total</b>	<b>\$193,648.63</b>	<b>\$132,919.52</b>	<b>\$140,869.52</b>	<b>\$134,219.52</b>

# **APPENDIX**

## Appendix A: TGU School District SIP and Other Committees

# **TGU Committees**

Established 2006-07

Updated 2009-2010

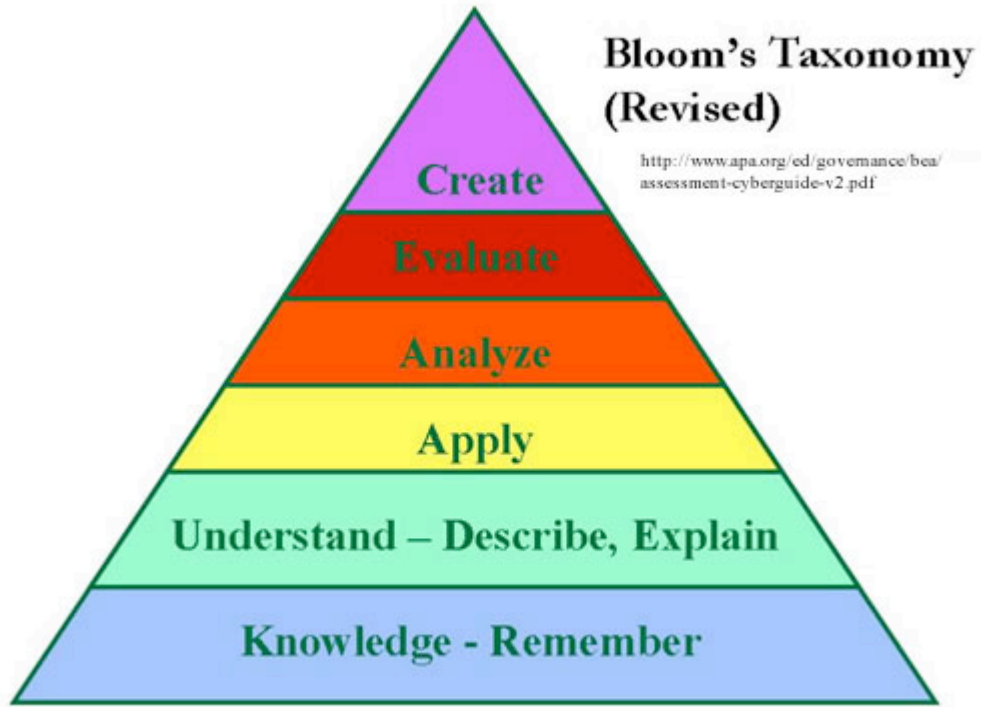
TGU's vision is "*Creating Opportunities for Individual Student Needs*" and in order to ensure we accomplish this, we have various committees set up to monitor and validate practices, procedures, programs, curriculum, etc. on an on-going basis. These committees were established for the purpose of supporting each other and allowing staff members to become involved in the decision-making at a variety of levels. All staff members have been asked to serve on one committee for the next five years, in conjunction with our School Improvement cycle, which is the focus for the majority of committee work. The Assessment Team will act as a committee that will support and help all other committees as the need arises.

### **TGU Committees**

1. TGU School Improvement Steering Committee
2. TGU School Improvement Target Area 1
3. TGU School Improvement Target Area 2
4. TGU Assessment Team
5. TGU Title 1 School-wide Planning Team and Study Groups

(The target area committees will be determined by surveys and data collection.)

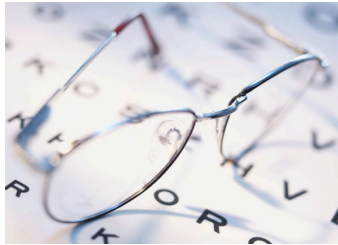
## Appendix B: Bloom's Taxonomy



Based on an APA adaptation of Anderson, L.W. & Krathwohl, D.R. (Eds.) (2001)

## Appendix C: Assessment List

# TGU Assessment List



The following information is a list of the assessments TGU uses, person responsible, date of administration and the grade that takes the test. Many of the assessments are state mandated. Below you'll find the complete titles for each assessment. The spreadsheet contains the acronym only. Please keep this information for future use. Thanks!

1. Brakken School Readiness Test
2. NWEA MAP – Northwest Evaluation Association, Measure of Academic Progress
3. DIBELS – Dynamic Indicators of Basic Early Literacy Skills
4. DECA – Devereux Early Childhood Assessment
5. NAEP – National Assessment for Educational Progress
6. PLAN – (Does not stand for any words.)
7. PSAT – Preliminary Scholastic Aptitude Test
8. ASVAB – Armed Services Vocational Aptitude Battery
9. ACT – American College Testing
10. SAT – Scholastic Aptitude Test

## Appendix C: Assessment List (Continued)

<b>Grade</b>	<b>Test</b>	<b>Person Responsible</b>	<b>Date of Test Adm.</b>
<b>Kindergarten</b>	Brakken	Classroom Teacher/Ed. Coor.	Fall
	K-2 Primary-MAP (Read/Math)	Classroom Teacher/Ed. Coor.	Fall/Spring
	DIBELS	Classroom Teacher/EL Coor.	Ongoing
	DECA	Classroom Teacher/EL Coor.	Fall
<b>Grade 1</b>	K-2 Primary-MAP (Read/Math)	Classroom Teacher/Ed. Coor.	Fall/Spring
	DIBELS	Classroom Teacher/EL Coor.	Ongoing
<b>Grade 2</b>	K-2 Primary-MAP (Read/Math)	Classroom Teacher/Ed. Coor.	Fall/Spring
	DIBELS	Classroom Teacher/EL Coor.	Ongoing
<b>Grade 3</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coor.	Fall/Spring
	DIBELS	Classroom Teacher/EL Coor.	Ongoing
	ND State Assess. (Math, Read)	Classroom Teacher/Counselor	October
<b>Grade 4</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coor.	Fall/Spring
	ND State Assess. (Math, Read, Sci.)	Classroom Teacher/Counselor	Oct./Nov.
	NAEP (Randomly Admin.)	Counselor/Principal	February
<b>Grade 5</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coor.	Fall/Spring
	ND State Assess. (Math, Read)	Classroom Teacher/Counselor	October
<b>Grade 6</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coor.	Fall/Spring

## Appendix C: Assessment List (Continued)

<b>Grade</b>	<b>Test</b>	<b>Person Responsible</b>	<b>Date of Test Adm.</b>
	ND State Assess. (Math, Read)	Classroom Teacher/Counselor	Oct./Nov.
<b>Grade 7</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coord.	Fall/Spring
	ND State Assess. (Math, Read)	Classroom Teacher/Counselor	Oct./Nov.
<b>Grade 8</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coord.	Fall/Spring
	ND State Assess. (Math, Read, Sci.)	Classroom Teacher/Counselor	Oct./Nov.
	NAEP (Randomly Admin.)	Counselor/Principal	February
<b>Grade 9</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coord.	Fall/Spring
<b>Grade 10</b>	NWEA MAP (LA, Read, Math)	Classroom Teacher/Ed. Coord.	Fall/Spring
	PLAN/Prep. ACT and Career Explor.	Counselor	Late Fall
<b>Grade 11</b>	ND State Assess. (Math, Read, Sci.)	Classroom Teacher/Counselor	October
	PSAT	Counselor	October
	ASVAB	Counselor/MEPS	Late Fall
	ACT	Individual Choice/Counselor	Spring/Summer
<b>Grade 12</b>	ACT	Counselor/Choice/Resource Rm.	Oct./Dec./Feb./
		All attending post-secondary institutions (2 yr., 4 yr., etc.) must take ACT.	Apr./June
	SAT	Optional for students attending schools that require it.	

## Appendix C: Assessment List (Continued)

<b>Grade</b>	<b>Test</b>	<b>Person Responsible</b>	<b>Date of Test Adm.</b>
<b>Grades 7-12 (Odd years)</b>	Youth Risk Behavior Survey (YRBS)	NDPI Admin./Counselor	

## Appendix C: Assessment List (Concluded)

## Appendix D: Rotational Purchasing Schedule

### TGU School District Rotational Purchasing Schedule 2010-2013

Year	Granville	Towner
2010-2011	<p>7- Promethean Boards <i>Kindergarten, 1<sup>st</sup> Grade, 3<sup>rd</sup> Grade, Ag, English, Music, Library</i></p> <p>Computer &amp; Printer- Lunchroom Peripherals necessary or requested by Staff</p> <p>Atomic Learning Subscription</p>	<p>6- Promethean Boards <i>English, Social Studies, 7th Grade, Music, Art, Library</i></p> <p>1- Active Response Systems Computers- Mr. Thorson, Mrs. Marshall Peripherals necessary or requested by Staff</p> <p>Atomic Learning Subscription</p>
2011-2012	<p>HS Computer Lab (16)</p> <p>Peripherals necessary or requested by Staff</p> <p>Atomic Learning Subscription</p>	<p>HS Computer Lab (20)</p> <p>Server Upgrade</p> <p>Peripherals necessary or requested by Staff</p> <p>Atomic Learning Subscription</p>
2012-2013	<p>Mobile Lab</p> <p>Peripherals necessary or requested by Staff</p> <p>Server Upgrade</p> <p>Atomic Learning Subscription</p>	<p>Mobile Lab</p> <p>Peripherals necessary or requested by Staff</p> <p>Atomic Learning Subscription</p>
2013-2014	<p>Teacher/Staff Computers</p> <p>Peripherals necessary or requested by Staff</p> <p>Atomic Learning Subscription</p>	<p>Teacher/Staff Computers</p> <p>Peripherals necessary or requested by Staff</p> <p>Atomic Learning Subscription</p>

## Appendix D: Rotational Purchasing Schedule (Continued)

### 2010-2011

Promethean Board	\$1,300.00	13	\$16,900.00
Response System	\$1,800.00	1	\$1,800.00
Shipping	\$650.00	1	\$650.00
Installation	\$3,000.00	1	\$3,000.00
Computers w/ Docking Station	\$2,000.00	2	\$4,000.00
Printer	\$600.00	2	\$1,200.00
Windows	\$600.00	2	\$1,200.00
Peripherals	\$6,000.00	1	\$6,000.00
Supplies	\$2,800.00	1	\$2,800.00
Software	\$8,000.00	1	\$8,000.00
Atomic Learning	\$1,040.00	1	\$1,040.00
			\$46,590.00

### 2011-2012

Lab Computers	\$944.00	36	\$33,984.00
Server	\$5,500.00	1	\$5,500.00
Supplies	\$5,200.00	1	\$5,200.00
Peripherals	\$6,000.00	1	\$6,000.00
Atomic Learning	\$1,040.00	1	\$1,040.00
			\$51,724.00

### 2012-2013

Mobile Lab	\$1,000.00	15	\$15,000.00
Mobile Lab- Windows	\$450.00	20	\$9,000.00
Peripherals	\$6,000.00	1	\$6,000.00
Supplies	\$6,200.00	1	\$6,200.00
Server	\$5,500.00	1	\$5,500.00
Atomic Learning	\$1,040.00	1	\$1,040.00
			\$42,740.00

# Appendix E: 4MAT Lesson Planning Template

**TGU**  
4MAT LESSON PLAN

Author:

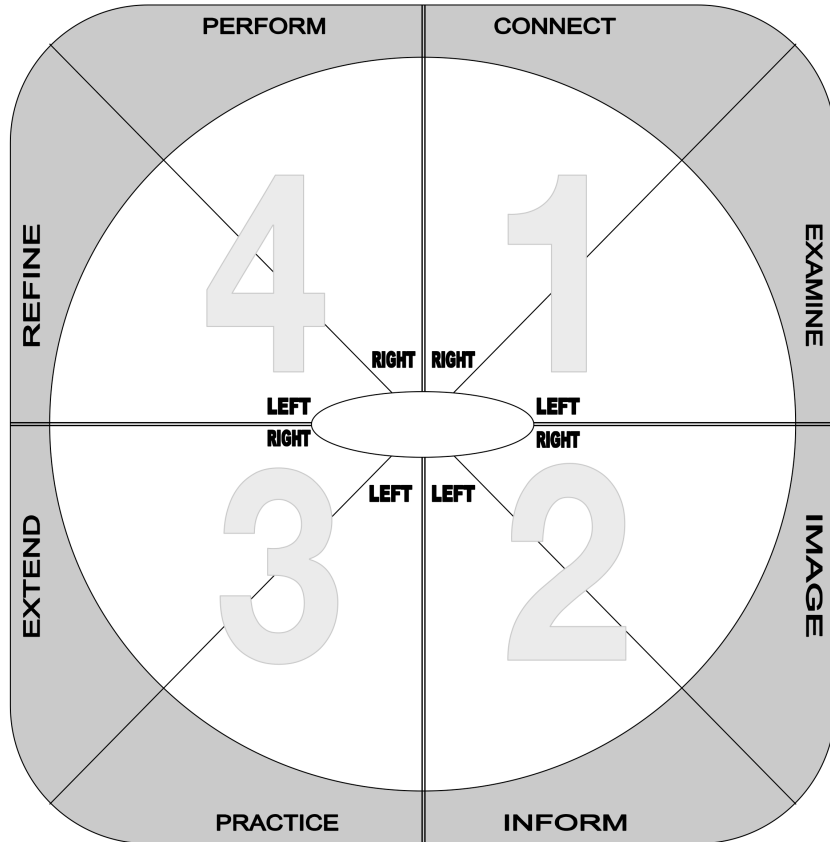
Content:

Title:

Concept:

Date:

Notes/Standards:



## Appendix F: TGU Acceptable Use Policy

Personnel	4-22
Students	5-11

### TGU School District #60 ACCEPTABLE USE OF TECHNOLOGY RESOURCES

It is the intent of the TGU School District to make on-line and technology resources available to students and staff in order to promote personal growth in information gathering techniques, critical thinking skills, and communication skills. The World Wide Web and EduTech allows students and staff to interact with each other and throughout the world. It is a general policy that all computers and the network systems in TGU School District are to be used responsibly, efficiently, ethically, and in a legal manner. Failure to adhere to the policy and guidelines for the use of technology resources, as described below, will result in the revocation of access privileges for **one (1) calendar year**.

Because access to the Internet provides connections to other computer systems all over the world, users (and parents of student users) must understand that neither the TGU School District nor any District staff member controls the content of the information available on these other systems. Some of the material available is controversial and, sometimes, may be offensive. EduTech (our service provider) provides filtering for sites that are inappropriate for student and school use based on requests by individual schools, but not all questionable sites can possibly be filtered. The information which is available is constantly changing. Therefore, the availability of on-line resources does not indicate endorsement of their contents by the TGU School District.

#### **EduTech Services**

An EduTech e-mail account is free to users. It is a privilege to receive an EduTech e-mail account. A responsible user of the Internet may keep an EduTech account as long as the user is a student or staff member in the TGU School District, and as long as the account is used properly in accordance with this policy.

The person to whom an EduTech account is issued is responsible at all times, at home and in school, for its proper use. TGU School District computer users should change their EduTech password on a regular basis.

<b>Personnel</b>	<b>4-22</b>
<b>Students</b>	<b>5-11</b>

**A responsible EduTech user MAY:**

- Use EduTech accounts and affiliated services for K-12 educational related purposes only.
- Use the World Wide Web and EduTech to research assigned classroom projects.
- Use EduTech to send e-mail to other users.
- Expect limited privacy in the contents of their communications. Files may be searched if there is reasonable cause that the user has violated EduTech policies or the law. Investigations will be reasonable and related to the suspected violation. EduTech will cooperate with external networks and authorities in the resolution of an investigation within the restrictions of federal and state law and the Family Educational Right to Privacy Act (FERPA).

**A responsible EduTech user MAY NOT:**

- Use the World Wide Web and e-mail for any illegal purpose.
- Violate the rules of common sense or etiquette.
- Send or receive copyrighted material without permission.
- Share his or her e-mail password with anyone.
- Use impolite or abusive language.
- Examine, change or use another person's account.
- Use their account to damage a system or file or remove information without authorization.
- Use EduTech's services to send material that is intended to threaten, harass, annoy, or alarm another person without legitimate purpose-this includes chain mail.
- Use the services for political (lobbying) purposes, for gaining business contracts or for personal or private profit.
- Violate the conditions of ND Century Code dealing with students' rights to privacy.
- Violate the conditions of EduTech Member Agreement.
- Access areas that are not appropriate for an educational setting.
- Copy commercial software in violation of copyright laws.
- Use e-mail access during class time for uses other than as an educational resource.
- Change computer files and settings.
- Download software or files without the permission of instructor or supervisor.
- Intentionally damage computer equipment or network (including the spread of a virus).
- Use school equipment and school time for entertainment (games), unless this entertainment is for educational purposes as assigned by instructor.

From time to time, technology users may become exposed to or come in contact with material that may be offensive to a user or inappropriate for the school

setting. (examples: forwarded e-mails, printed documents, unblocked web sites, inappropriate or offensive material on a computer file or desktop) If this would occur, please report that case to your instructor or to school administration.

**By using the computer network systems in the TGU School District, you acknowledge that:**

1. You have read, understand, and agree to the rules and regulations of the TGU School District.
2. You understand that if you violate the Acceptable Use Policy your privilege to use the technology resources available to the TGU School District may be revoked for ONE (1) calendar year, and you may be subjected to suspension, expulsion, or legal consequences.
3. You understand that there will be No second chances.

### **USER AGREEMENT**

*As a user of the TGU School District's technology resources, I agree to comply with the above stated rules and to use the resources in a constructive manner.*

Student's or Staff Member's Signature

\_\_\_\_\_

Date \_\_\_\_\_

Policy Adopted: 07/02/2001  
Policy Amended: 08/07/2006  
Policy Reviewed 07/28/2009