

Sweet Grass County High School
“TECH TALK”
Technology Plan
July 2017 - June 30, 2020

County Code (49)

District Legal Entity (0882)

School Code (1130)



School Improvement

TECHNOLOGY COMMITTEE

The use of technology to impact the learning of students attending Sweet Grass County High School and opportunities for the people of the community of Big Timber will require constant attention. The purpose of the Technology Committee of SGHS is to provide direction and planning for that effort. The committee will accomplish this by:

- Seeking input from staff, students, and community.
- Developing a vision for the use of technology.
- Presenting a technology plan complete with goals, objectives, and activities to the school board, staff, and community.
- Developing evaluation methods to assist with reaching the objectives and measuring the effectiveness of the technology plan.
- Developing a budget/timeline to accomplish the goals of the technology plan.
- Meeting periodically to review/revise the budget/timeline based on changing needs of the district or community.
- Reviewing the entire technology plan annually.
- Reviewing curricular use of technology by each department.
- Assisting in arranging training opportunities for staff and community.
- Actively pursuing additional funding sources for technology needs.

The Technology Committee will be composed of faculty members representing various curricular departments, administration, a board member, community members, and students.

Committee Members

Mindy Obert	Technology Coordinator	Sheri Campbell	Mathematics/Business
Jeni Lannen	Language Arts Instructor	Colleen Conner	School Board Member
Al Buerkle	Superintendent	Cindy Epperson	Art Instructor
Matt Kleinsasser	Principal	New member	Community

COMMUNITY CHARACTERISTICS

Sweet Grass County, a community of approximately 3,200 people is located in south central Montana. Big Timber, which is the county seat, lies at the confluence of the Yellowstone River and the Boulder River and houses the countywide high school. The community is driven by an economy based on tourism and agriculture, primarily ranching.

Sweet Grass County High School (SGCHS) houses approximately 165 students of diverse learning styles. The faculty is comprised of 17 teachers, who strive to provide a nurturing, stimulating and challenging environment for the students of SGCHS. Sweet Grass County High School has two administrators, an exceptional support staff, and a school lunch program. Twenty-five percent of our students qualify for free and reduced lunch. The district is considered rural and the average bus route is 42 miles round trip. Geographic isolation requires technology to stay abreast of educational advancements and to increase exposure to the arts, humanities, and multiculturalism.

School Improvement

Vision Statement

SGCHS realizes the importance of creating lifelong learners and will foster an atmosphere of learning that challenges thinking skills, increases motivation, and raises competency of all individuals. To achieve educational excellence in the 21st century, electronic and informational technologies must be integrated into curriculum goals to meet the diverse educational needs of a rural population. The community, the district, the staff, the parents, and the students must work together to achieve these goals.

Technology within the curriculum

All staff will continue efforts to integrate technology into all curricular areas. This will be aided by the use of technology. Tracking student progress, providing integrated profiles of students' careers, and making referrals for gifted and talented services will be easier with technology. Additionally, staff members will gain exposure to cross-curricular work done by and with staff and administration in other districts. Local access to multiple cultures and aesthetic awareness will continue in the linking of all curricular areas. Curriculum instructors have demonstrated their commitment to the achievement of technology goals by investing time and energy to create written plans of action for the incorporation and utilization of technology in their fields. It is recognized that technology will be used as a tool to enhance curricula, not becoming a separate part of the curriculum.

Communication Arts

Communication arts is the study of language and language use. A process of social interaction, language develops from a need to create, to comprehend experience, to express oneself, and to communicate. By sharing thoughts, feelings, and experiences through language, humans learn about themselves and others, interacting with their world. Because students learn from writing for a wider and more varied audience, technology and especially the Internet, will promote and make this possible. Lifelong learning, questioning, and research techniques are facilitated by Internet access. The use of computers encourages willingness to revise, collaborate, and edit, promoting pride in a polished product.

Foreign Language

Students will read, listen to, and view literary works in the second language in an effort to refine their understanding of world cultures. They will adapt speaking and listening skills to a variety of audiences and situations, use knowledge of linguistic structures to speak and write more fluently in the second language, and increase their understanding of English through comparison with the second language. All of these goals will be aided by the use of technology.

Health and Sciences

The science department will improve technical research. The access to up-to-date information regarding health issues, genetic diseases, and bacterial and viral diseases improves the quality of research. Problem solving and mapping areas can be improved by an increase in accuracy. This opens the door to more experiments and more accurate results.

Guidance

Internet will be used for research on career information, financial aid, scholarships, and college information. Powerschool, a school administration application for scheduling, grades, attendance, etc., is currently used daily. Grades are posted daily via Powerschool and can be accessed by students and parents via the Internet. The juniors have a three-week careers unit, which includes the use of the Internet to research future options.

Business/Technology Education

The main goal of the business education and technology education programs is to prepare students for entry-level positions after high school. To adequately prepare students, current technology and software are essential. Each class currently uses technology every day, and upgrading the hardware will accommodate the software that is needed to stay up-to-date with the current technology in today's working world.

Partners-in-Learning and Technology Preparation Programs

In order to prepare students to attend college and enter the workforce, state of the art equipment and software is essential.

Math

The math teachers have been trained extensively in technology and its use as a tool for teaching mathematics. The math department uses TI-84, TI-83, TI-85, TI-CBL, TI GraphLink, EXCEL, Success Tracker, Geometers Sketchpad, SmartBoard, and Interactive response systems. An adequate supply of graphing calculators and 1-1 chromebooks has made using online textbooks, Khan Academy, Montana EduReady and other online resources easier for students to access.

Vocational Education

Students will use MAPS, GIS, and GPS to study and plan for natural resource and land uses. Students will track global and national

markets along with economic trends and will integrate the best management practices into farm and ranch business management. Students will produce business and personal records with the aid of accounting systems. With the aid of CAD programs, students will gain skills in computerized drafting & computerized plasma cutter. With the use of computerized sewing machines, students will create embroidery designs, lettering and appliques. Students will utilize these practices in conjunction with their respective vocational student organization. Communication with other teachers and universities will enable the teacher to be fully informed and better prepared.

Social Studies

Students will learn both content and thinking skills, using various methods. Students will compare, contrast, analyze, interpret, synthesize and critically examine information to find pertinent ideas and concepts. A variety of resources contribute to providing the most current and relevant information in an interesting manner. These include the media (for current events, legislation, court decisions, etc.), atlases (for physical & cultural geography), primary historical sources (documents, diaries, media, etc.), and the Internet (for updated information in many areas, access to other libraries, cross-referencing of several topics, etc.). With limited resources in a small, rural community, computer software and the Internet help to broaden and equalize the opportunities of students by connecting them to worldwide resources. Today's students are living in a digital era and it is crucial to provide them with the necessary technological skills to ensure their success in the modern world. A quality education is achieved when a combination of factors all work towards the common goal. Providing students with the best possible tools facilitates a quality learning experience.

Music

Advanced technologies will enhance learning in the music classrooms.

1. The Internet gives musicians an easy, fast, efficient way to communicate with each other. The Internet is an effective way to conduct research into the history of music, current performance practices, or other issues. It also gives musicians easy access to music of other cultures, and a forum for composers and arrangers to publish and distribute their works quickly in both print and sound format.
2. Personal computers interfaced with MIDI instruments offer virtually unlimited opportunities for musicians to create, record, and publish music. MIDI technology is also appealing to students and motivates them to practice more often and more effectively.
3. Computer assisted learning is an effective way to enhance music education. Drill and practice software helps reinforce concepts that students need, and many programs can help students develop their technique. Software is available that can transform a student's singing into a graphic representation of pitch and shows where it deviates from the desired pitch.

Art

1. Technology allows evaluation of an artwork by comparing and contrasting it to similar or exemplary works of art.
2. Investigate a variety of artworks from Internet sources to analyze, communicate cultural and historical content.
3. Analyze contemporary and historic meaning and emotions in specific works through cultural and aesthetic inquiry.
4. In depth research to analyze and collect data from art eras in society throughout history.
5. Technology allows another type of medium to be used to create two and three dimensional art.

Publishing/Management

1. Using internet resources and various technology tools, students will create an approximately 100 page yearbook.
2. Adobe Photoshop, Indesign, and Illustrator and other applications will be used in various projects.
3. Technology will be used for digital photography, scanner applications, photo editing, layout and design applications, advertising sales and production, record keeping and sales management and projections.

Computer Graphics

1. Applies skills and procedures exploring new concepts and operations in various programs.
2. Integrates technology, with assistance, in obvious phases of projects, and sometimes selects the appropriate technologies for the task.
3. Demonstrates limited independence in using in using technology to collaborate
4. Evaluates the impact of technologies on society and often uses technologies ethically, legally and safely

5. Uses technology to locate and organize information to communicate through a product
6. Evaluates and uses technological skills to create a project or solve a problem in a content area.

Resource

Lessons from regular education classrooms and regular curriculum will be reinforced in the resource room, with the help of technology. Because it is difficult for one teacher to know every subject matter well enough to teach, technology and software will provide tools to strengthen this program. Often students with disabilities do not grasp general ideas and knowledge well; so specific areas will be explored in greater depth, using the Internet or software. Students with written language disabilities can utilize technology for written assignments, evaluating, revising, and publishing their assignments. Severely disabled students can benefit from programs that teach basic life skills.

School Improvement

PROFESSIONAL DEVELOPMENT

SGCHS strives to be a synonym of academic excellence. This means that students must be prepared to meet the needs of an ever-changing society and world. The staff of SGCHS recognizes the significance of its undertaking and endeavors to provide an atmosphere in which its goal can be realized. In this scenario technology is the bridge to achievement. Technology can provide equal access, opportunity, and challenge to a student. It can provide the atmosphere for learning that is stimulating, interesting, and appealing to students. In short, it can be the tool that teachers utilize to effectively accomplish their class activities, objectives and goals.

It is understood that without proper preparation one cannot expect satisfactory results. It is a prerequisite that teachers are provided with a solid knowledge of technology and its uses. Professional development will promote confidence in the field of technology. Confidence will lend itself to incorporation. Incorporation will lend itself to expansion, which in turn will require further training and professional development. The circle continues and is expanded. Every step is key to the continuation and success of the curriculum. It is understood that without properly prepared educators we cannot expect properly educated students. For this reason SGCHS is committed to professional development.

School Improvement

GOAL:

Teachers, administration, and support staff will be trained in the use of technology that is available.

OBJECTIVE 1:

District will provide direction and leadership in technology.

ACTIVITY

- 1.1 A technology coordinator will be employed.
- 1.2 To remain effective and informed, the technology coordinator will receive monetary support to continually increase his/her knowledge of technology by attending workshops, conferences and other educational classes.
- 1.3 Technology coordinator will facilitate technology training for staff and administration.

OBJECTIVE 2:

One hundred percent of faculty, staff, and administration will receive technology integration training that will foster technology integration into all curricular areas.

- 2.1 All staff and administrators will attend at least one PIR day or professional day dedicated to technology training.
- 2.2 Release time will be provided for teachers to observe peers and teachers at other schools that are integrating technology.
- 2.3 Twenty percent of the technology budget will be used to fund release time, travel, per diem and fees for teachers, staff, and administration for instruction and workshops..
- 2.4 Technology coordinator will provide one to one training and assist in classrooms as needed by individual staff members.

Objective 3:

One hundred percent of faculty, staff, and administration will receive training in technology and curriculum integration to improve instruction.

- 3.1 Release time will be provided for teachers as needed in each curriculum area to meet and develop lesson plans and units that align with common core curriculum and the embedded technology standards.
- 3.2 At least one in-service meetings will be used for teachers to share classroom activities that integrate technology and curriculum and/or demonstrate using technology as a tool to improve instruction and learning.

School Improvement

CURRICULUM

In an ongoing effort to track, revise, and update curriculum as rapidly as possible to meet the needs of our students, the curriculum committee is scheduled to meet yearly. Past efforts have included responses to the Northwest Evaluation Visitation Team review in April of 1994. In 1999 a committee of staff and administration received MISTA training, which led to development of guidelines to review and revise goals for the school and curriculum areas as part of the ongoing school improvement plan. Most obvious results of that effort were the increase in Tech Prep and AP courses offerings, along with the development of the Partners in Learning (PIL) program, which has incorporated Gifted and Talented, School to Work, distance learning, and differentiated curriculum opportunities for students. In the early 2000's, curriculum efforts led to the development of course descriptions and learner outcomes for all courses offered at SGHS. Efforts have been made to "check" those descriptions and outcomes for alignment with the state curriculum and content standards. All curricular areas addressed the state Technology benchmarks in addition to reviewing the standards which applied specifically to their department. Future work will include using newly developed standards and reviewing alignment comparison to evaluate curriculum and to develop assessment methods/practices that will accurately measure the delivery and effectiveness of the curriculum. **An underlying theme in all of the curriculum work at SGHS is the integration of technology to improve instruction and achievement.**

School Improvement

GOAL 1:

Students will engage in curricular activities enhanced by technology.

OBJECTIVE 1:

Students and staff will have immediate access to current information via Internet access in each classroom, the library, computer labs, and 1-1 computing devices for each student.

- 1.1 Student use of Internet and available technology will be governed by the Student Internet/Technology Protection Policy adopted by the district.

- 1.2 Each classroom, PC labs, library and administrative offices will be wired for internet and upgraded as needed.
- 1.3 A wired and wireless LAN for the entire school with adequate Internet bandwidth will be established and maintained.
- 1.4 The guidance counselor will continue to provide students access to the Careers Information System, Fast Web Scholarship Program, and college information which will strengthen resources in career planning.

OBJECTIVE 2:

All teachers will integrate technology to improve instruction and implementation of curriculum.

- 2.1 Curriculum and instruction time blocks will be scheduled for planning and implementation.

School Improvement

GOAL 2:

Students will increase competency in critical thinking, problem solving, and decision-making processes by gathering, researching, analyzing, and drawing conclusions from current information.

OBJECTIVE 1:

District will provide access for students to distance learning opportunities.

- 1.1 Distance learning opportunities available via Internet will be pursued based on individual student needs.
- 1.2 Students will be able to take courses via the Internet.
- 1.3 Advanced Placement & Honors courses will be offered.
- 1.4 Correspondence course offerings will be increased and expanded as needed and determined by Differential Curriculum Committee.
- 1.5 Expand dual credit opportunities for all students.

OBJECTIVE 2:

The library will provide resources and information necessary to accomplish the goals and objectives of the curriculum.

- 2.1 Library will continue membership in the Montana Shared Catalog Consortium.
- 2.2 Library hardware and software will be kept current to maintain on-line library catalog access and WAN connection to state and county libraries.

School Improvement

GOAL 3:

Students will be provided with global and cultural experiences in an equitable environment.

OBJECTIVE 1:

All students, teachers, and administrators will have equal educational opportunities in technology.

- 1.1 Access to diverse course offerings will be available through distance learning/correspondence courses as needed.
- 1.2 Diagnostic, adaptive, and remedial technological materials for resource students or individuals requiring additional assistance will

continue to be utilized and revised.

OBJECTIVE 2:

Students will be exposed to new and different ideas, concepts, and cultures through Internet access.

- 2.1 Connections to local, national, and global cultures will be established through technology.
- 2.2 Class assignments will include technological resource requirements.
- 2.3 Curriculum will be reviewed annually to ensure development is relevant to real-world, multicultural existence.

School Improvement

COMMUNITY

Sweet Grass County High School serves the needs of a rural community that is isolated by both distance and opportunity. Information and education resources in the county are limited, as well as physical access to advancements in technology. As is the case with most rural communities, the school is at the heart of the community. Therefore, it is logical that the school should also be a center for learning and advancement. Building a relationship with the community is crucial to the success of this technology plan.

Working with the community, SGCHS plans to become a facilitator of education and information for the community. Through technology, SGCHS will provide its community with increased opportunities: opportunities for exposure and utilization of new technologies as well as access to educational programs, information, and the Internet. In doing this, SGCHS will be encouraging lifelong learning and providing a service to the community, a way of returning the support the community provides.

School Improvement

GOAL:

Available technologies will be provided to the community, reinforcing the community-school relationship and facilitating educational opportunities for the public.

OBJECTIVE 1:

The community will have immediate access to current information.

- 1.1 The computer lab and the technology print resources located in the PC lab will be available to community members for adult education and students as needed.
- 1.2 School website and event calendar will be kept up-to-date.
- 1.3 Link to the SGHS library catalog through the Montana Shared Catalog network on school website.

OBJECTIVE 2:

Community will have expanded educational opportunities facilitated by the district.

- 2.1 Adult Education Coordinator will be a district employee.
- 2.2 Adult Education course offerings will be expanded and technology application classes will be offered.

OBJECTIVE 3:

Community will be actively involved in technology plan adaptations.

- 3.1 At least one community member will serve on the technology committee.

3.2 Utilize expertise of community members in specific technology applications.

COMPUTER HARDWARE/SOFTWARE

Sweet Grass County High School currently has a PC lab. This lab is used by all departments primarily applications that do not work on the chromebooks, such as google sketchup, autocad, photoshop, etc. Teachers sign up for time in the lab on a first come first serve basis.

The Tech Room PC lab was updated in the fall of 2012. This lab is being used by the art and vo-ag departments and is available for whole class sign up 4 - 5 periods per day.

The Business Room PC lab was updated in the fall of 2015 and is used 7 periods a day by the business and mathematics departments.

Every teacher and administrator has a computer that is less than 5 years old. Every student is issued a chromebook at the beginning of each year. At the end of four years, students in good standing will be given the chromebook. New chromebooks are purchased each year for incoming freshmen. Wireless access points located throughout the building provide access to the internal network and to the Internet. A guest wireless network is available for staff and students personal devices. Adequate bandwidth will be provided for all devices.

The district will continue to use Federal dollars to upgrade computer equipment, purchase software and to train teachers.

School Improvement

GOAL:

Students, staff and community will have equal access to up-to-date and appropriate technology.

OBJECTIVE 1:

Technology committee will research, purchase, and install new software and hardware.

1.1 Technology coordinator will complete an inventory of current hardware/software.

1.2 The computer coordinator, members of the technology committee, and administration will read literature, attend conferences, and seek advice from other school technology experts to make informed decisions regarding software/hardware purchases.

1.3 The technology committee will develop a prioritized purchase and upgrade plan and revise it yearly.

OBJECTIVE 2:

Ninety-five percent of the time the equipment will be in condition to be used by students, community, staff, and administration.

2.1 Faculty, staff, and administrators will contact computer coordinator when computer hardware or software problems occur.

2.2 The computer coordinator will receive training on computer maintenance and repair.

2.3 An off-site technology consultant will be hired as needed to assist the computer coordinator with diagnosing, and repairing machines.

2.4 Interested students, including honor and at-risk students, will be trained to maintain machines and software in a program that utilizes community and staff expertise. This will be part of the Partners-In-Learning program.

OBJECTIVE 3:

To fully implement the district technology plan, funding sources will be actively sought.

3.1 A line item (2.5 percent of the total budget) will be included in the budget to provide for technology coordinator salary, maintenance, training, and purchases.

3.2 District will commit Technology Acquisition Funds, REAP, and Title funds for ongoing training, and computer upgrades.

BUDGET/TIMELINE

To achieve the professional development goals, curriculum goals, community goals, and hardware/ software goals of the technology plan the district realizes the importance of developing a realistic budget/timeline. Making good use of the hardware and software the district currently owns and purchasing adequate software, hardware, and print resources is vital to the successful implementation of the technology plan.

Prioritized Purchase and Upgrade

Rooms with updated projectors/interactive boards (Business, Chemistry, English (Gabby, Jeni), Math (Janice), FCS as of Spring 2017

Tentative Plan for 2017-18

1. Update Technology Lab(15), Move 7 computers from Business Lab to Vo-Ag Lab to reduce size of Business Lab from 23 to 16 computers. Update 3 computers in library (circulation, 2 student desktops)
2. Purchase classroom set of chromebooks and cases for incoming freshmen class (45)
3. Update projectors/interactive smartboards in two or more classrooms (English(Jane), Spanish)
4. Update Mathematics calculators

Tentative Plan for 2018-19

1. Update Staff and Teacher Computers (25).
2. Purchase classroom set of chromebooks and cases for incoming freshmen class (45)
3. Update projectors and interactive smartboards in two or more classrooms (History, Art, Biology)
4. Update wireless infrastructure and network backbone (E-rate Category 2)
5. VMware server update
6. Update Mathematics calculators

Tentative Plan for 2019-20

1. Update Business Lab (16).
2. Purchase classroom set of chromebooks and cases for incoming freshmen class (45)
3. Update projectors and interactive smartboards in two or more classrooms (Special Ed, Vo-Ag 1, Music)
4. Backup domain controller update
5. Update Mathematics calculators

Tentative Plan for 2020-2021

1. Update projectors and interactive smartboards in remaining classrooms (Guidance, Vo-Ag 2, Special Ed (Marta)
2. Purchase classroom set of chromebooks and cases for incoming freshmen class (45)
3. Update Mathematics calculators

Prioritized Purchase and Upgrade Plan for Software

1. Update all licenses to ensure compliance and that all computers are properly licensed. (Microsoft software assurance, chromebook management licenses, Powerschool licenses and hosting fees)
2. Windows server client licenses for new computers.
3. Antivirus software for all computers (K7 antivirus)
4. Content filtering for all computers and portable devices that can be taken home.(Barracuda Firewall and Filtering licenses & GoGuardian)
5. Adobe Creative Suite licenses

Table of Funding Sources for 2014-2015 School Year

Funding Source	Amount	Plan for Allocation of Funds
Title I (Chapter I Math & English)	\$17,832	Salaries and supplies for Chapter I program
Title II Part A- Teacher and Principal Training/Recruitment	\$6218	Reimburse teachers for fees, travel, substitutes, and materials to attend technology workshops that will facilitate curriculum integration. Also, support for professional development in alignment with school goals.
REAP	\$19,116	REAP funds are also used to support Title and Technology Programs
Technology Acquisition Funds	\$48,485 (Levied) + \$3,185 (State Timber, Cash, etc)	Equipment, maintenance, training (See Technology Acquisition Budget)
General Fund - Salaries & Phones	\$44767 + \$4500	Salaries & Benefits & Phones
Professional Development (15% of substitute line item)	\$3300	Substitutes for release time for curriculum and technology training
Total	\$147,403	

Budget 2017-18 School Year			
Item	Quantity	Cost	Total
Update Tech Lab Desktops	15	750	11250
Chromebooks for incoming freshmen	45	200	9000
Chromebook cases for incoming freshmen	45	25	1125
SMART Interactive Presentation Device	1	4000	4000
Interactive Projector/with whiteboard \$500	1	2300	2300
Chromebook Management Licenses	45	30	1350
OETC yearly license	1	75	75
Microsoft Software Assurance (Office 365, OS licenses, CALs)	1	1028	1028
Barracuda NG Firewall Update Licenses 1 yr	1	319.11	319.11
Barracuda NG Firewall Replacement 1 yr	1	399.11	399.11
Barracuda Firewall Update Licenses	1	976.89	976.89
GoGuardian Teach/Admin LIC 31-799 (Yr 2 of 3 1530) paid in 2016-17	170	9	0
Veeam licenses (Expires 12/11/2018) (Yr 3 of 3 464.77) paid in 2015	1	154.92	154.92
Vmware licenses (Expires 06/2018)(Yr 3 of 3 136.08 for 3 years)	1	45.36	0
K7 Antivirus licenses (Yr 2 of 3 \$640) 3yr 1920 (paid in 2016-17)	200	3.2	0
Powerschool hosting	205	4	820
Powerschool tech support	205	8.93	1830.65
Powerschool SSL Certificate	1	400	400
Classroom set of calculators - Math	30	100	3000
Internet Access (500/350)	12	475	5700
Maintenance and Repair			7500
Professional Development			7500
Printer Copier Supplies and Maintenance			8000
Total			66728.68

Budget 2018-19 School Year			
Item	Quantity	Cost	Total
Update Teacher & Staff Desktops	25	750	18750
Chromebooks for incoming freshmen	45	200	9000
Chromebook cases for incoming freshmen	45	25	1125
SMART Interactive Presentation Device	1	4000	4000
Interactive Projector/with whiteboard \$500	2	2300	4600
Wireless and Infrastructure update Category 2 E-rate Match	1	15000	15000
Chromebook Management Licenses	45	30	1350
OETC yearly license	1	75	75
Microsoft Software Assurance (Office 365, OS licenses, CALs)	1	1028	1028
Barracuda NG Firewall Update Licenses 1 yr	1	319.11	319.11
Barracuda NG Firewall Replacement 1 yr	1	399.11	399.11
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Powerschool hosting	205	4	820
Powerschool tech support	205	8.93	1830.65
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Classroom set of calculators - Math	30	100	3000
Internet Access (500/350)	12	475	5700
Telecommunications - long distance			
Telecommunications - phone service			
Cell phones			
Maintenance and Repair			7500
Professional Development			7500
Printer Copier Supplies and Maintenance			8000
Total			91664.76

Budget 2019-20 School Year			
Item	Quantity	Cost	Total
Update Business Desktops	16	750	12000
Chromebooks for incoming freshmen	45	200	9000
Chromebook cases for incoming freshmen	45	25	1125
SMART Interactive Presentation Device	1	4000	4000
Interactive Projector/with whiteboard \$500	2	2300	4600
VMware Server	1	5000	5000
Chromebook Management Licenses	45	30	1350
OETC yearly license	1	75	75
Microsoft Software Assurance (Office 365, OS licenses, CALs)	1	1028	1028
Barracuda NG Firewall Update Licenses 1 yr	1	319.11	319.11
Barracuda NG Firewall Replacement 1 yr	1	399.11	399.11
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Powerschool tech support	205	8.93	1830.65
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Classroom set of calculators - Math	30	100	3000
Internet Access (500/350)	12	475	5700
Maintenance and Repair			7500
Professional Development			7500
Printer Copier Supplies and Maintenance			8000
Total			78444.76