

**Technology Plan  
Bozeman School District 7  
2013-2016**

Table of Contents

Introduction	
Mission Statement	2
Core Values	2
Vision for Bozeman Public Schools	2
Technology Plan Vision, Goals Objectives	
Technology Vision	3
Goals	4
Objectives	4
Plan Development Strategies	9
Implementation Timelines	10
Hardware and Software Purchase Plan 2013-2016	11
Preliminary Budget 2013 through 2016	12
Evaluation	13
Technology Review	
Equitable Access	
Technology Plan Review	
Community Education, Parent Involvement and Communication	14

## **Technology Plan Bozeman School District 7 2013-2016**

Bozeman School District #7 established a Technology Steering Committee in the 1999-2000 school year. The committee is on-going to ensure that evaluation and review of the district technology plan will take place on a regular basis. At all times, equality for all students will be a focus. Evaluation, assessment and accountability will be built into the technology plan to ensure that the plan will evolve to face changing needs and new developments in technology.

Bozeman School District #7 is located in Southwestern Montana, close to Yellowstone National Park. Montana State University is located in our community. Our diverse economy is based on the university, agriculture, tourism, recreation and small business. This diversity leads to a dynamic, growing population reflected in an increase in student enrolment by 483 students over the last three years, 5,511 on 10/1/2009 to 5,994 on 10/1/2012. We have one high school (9-12), an alternative high school program, two middle schools (6-8) and seven elementary schools (K-5). An eighth Elementary School will be completed during the 2013-2014 school year. Future plans include another Middle School and another High School.

### **Mission Statement and Core Purpose of Bozeman Public Schools**

Bozeman Public Schools exist to provide an outstanding education that inspires and ensures high achievement so every student can succeed and make a difference in a rapidly changing world community.

### **Core Values of the Bozeman Public School District**

- High Student Achievement: We are committed to ensuring that all students achieve at high levels.
- Committed, Quality Staff: We employ and retain well-qualified and talented staff members who demonstrate a commitment to the core purpose of the District.
- Community and Family Engagement: We believe that parents and the community are essential contributors in the achievement of our goals.
- Climate: We operate in a climate of respect, honesty and hard work, recognizing the need to be adaptable and open to change.
- Fiscal Responsibility: We are fiscally responsible in the management and expenditure of all District resources.
- Decision Making: We rely on best practices research to guide our decision-making.

### **The Vision for Bozeman Public Schools**

Students

- First and foremost, Bozeman Public Schools are about children.
- Personalized education is embedded in everything that Bozeman Public Schools do.

- Are accepting, understanding of others, flexible and resilient, exposed to, and interested in, interacting with the global community.
- Have the opportunity to participate in a wide variety of quality extra-curricular activities that enhance their ability to succeed in school and as part of a world community.
- Every student graduates and has met or exceeded the high academic standards of the Bozeman Public School District such that all students are college and career ready.

#### Teachers

- Are innovative, energized, well paid and inspire students to reach their maximum potential.
- Participate in a progressive professional development program to assure competency of staff.
- Student achievement and results driven instruction are at the core of all professional discussions.

#### District

- Is visionary nimble in its ability to forecast trends and meet needs.
- Maintains a clearly articulated educational system that defines achievement on the attainment of goals. Bozeman Public Schools is equally effective at preparing students for post-secondary education and career readiness.
- Employs an effective management structure demonstrating behaviors that consistently produce effective staff leadership.
- Resources and delivery systems (e.g., the school schedule/calendar, facilities, technology, pedagogy, materials, curriculum, etc.) are regularly assessed, aligned and optimally correlated to ensure achievement of the strategic plan of the District and to maximize the learning opportunities of children enrolled in Bozeman Public Schools.
- The Board and Staff Leadership Team work collaboratively with the community to create a common vision with flexibility and ability to respond to a changing environment. The Board and Leadership Team are open, flexible, able/capable, consistent, and responsive.

#### Community

- Together, Bozeman Public Schools, students and the community regularly collaborate as partners to achieve the shared goals of the District and community.
- The District provides widely accessible, educationally responsive and community-centered facilities that regularly serve as locations where the community gathers and collaborates in the interests of children.
- Bozeman Public Schools are widely recognized as being both community-centered and integrated into the world community. The schools of the District provide a link between the Bozeman community and the rest of the world.
- Bozeman Public Schools are recognized locally and nationally as a significant contributor to Bozeman's outstanding quality of life.

## **Technology Plan Vision, Goals and Objectives**

### **Technology Vision**

Bozeman School District #7 is a vibrant, progressive and adaptive educational system that utilizes technology to create dynamic learning environments and experiences that challenge students to

construct knowledge and solve complex problems; to engage families and the community; and to support decision-making throughout the District.

NOTE: The Bozeman Public Schools' student technology profile and curriculum area standards have been set at all grade levels, so that students gain the ability:

- to use and understand hardware.
- to use and understand software.
- to use the Internet and other digital technology, to locate, evaluate, use, create and communicate information.
- to understand, evaluate and use information in multiple formats from a wide range of sources.
- to perform tasks effectively in a digital environment. Literacy includes the ability to read and interpret media, to reproduce data and images through digital manipulation, and to evaluate and apply new knowledge gained from digital environments.

## **Goals**

### **Professional Development/Curriculum Goals:**

1. Develop and promote technology literacy for all students and staff.
2. Use technology to support and develop curriculum and promote student achievement.
3. Develop lesson plans to incorporate appropriate technology.
4. Use technology to benefit students with diverse needs.
5. Embed instructional technology across the Curriculum.
6. Utilize Instructional Coaches to integrate technology into the curriculum.
7. Utilize the successes of our 'pockets of innovations'.
8. To utilize an electronic gradebook to support Standards based instruction and reporting.

### **Infrastructure and Telecommunication Services Goals:**

1. Provide hardware, software, an integrated district level infrastructure and support staff in order to operate efficiently.
2. Provide an ubiquitous technology environment.
3. Provide a robust telecommunication infrastructure for global digital collaboration.

### **Budget Goals:**

1. Identify current and future financial capacity.
2. Identify alternative funding sources.

### **Accountability Goals:**

1. All LRSP action plans include a technology component. Action plans are reviewed regularly and revised as necessary. Action plan progress is reported to the Board of Trustees and the community.
2. Establish a plan to continuously assess technology and its use by students and staff in the Bozeman School District #7.

## Objectives

### A. Develop technology literacy for students and staff

The Bozeman Public School District is committed to improving technology literacy for staff and students. The following objectives will be evaluated and refined on a yearly basis:

- Review student profile and proficiencies by grade level.
- Create lesson plans for teachers to use to assist with the integration of technology.
- Utilize state and federal guidelines, develop, implement and monitor district policies and procedures related to technology.
- Review teacher profiles and proficiencies.
- Integrate technology assessments.
- Achieve teacher proficiency in technology.
- Teach and reinforce digital citizenship for all students and staff.
- Evaluate and revise each curricular area on a regular schedule; integrate technology across content area. Incorporate approved standards and corresponding proficiency levels into curricula.
- Provide a variety of professional development opportunities, encourage and expect independent exploration and application of technology.

### Current Staff Training Priorities:

1. Teachers will be given the opportunity to learn how to integrate technologies into the daily teaching/learning process in their classrooms.
2. With the assistance of school- specific technology mentors, instructional coaches, technology Professional Learning Communities, technology will be infused into appropriate professional development offerings, and through school site and district-wide workshops.
3. The Professional Development Committee, in conjunction with the Technology Steering Committee, will determine technology training opportunities. The Professional Development committee meets regularly and represents all schools and subject areas. The professional development plan is submitted to the school board each year for approval. For PIR Days and Early Release Days: Three levels of training are provided: district, school and individual. The district level trainings are offered during PIR days and early releases. School training is offered during early releases and staff meeting times. Individual training is done through the Technology Services Department , instructional coaches, tech mentors, technology/curriculum specialist and on-line courses. Technology mentors , the technology/curriculum specialist and instructional coaches are assigned to assist in solving problems and identifying and learning new technologies.
4. Instructional Coaches, K-12, will support teachers with use of instructional technology, in professional development opportunities embedded in the work day.
5. Automate everyday tasks to encourage daily use of technology. Areas already accomplished are:

- Daily bulletins distributed electronically
- Automated circulation systems in school libraries and District Media Collection.
- On-line catalogs and databases. (Technology Request for Assistance, Staff Directory, Ordering Information, Software and Hardware Inventory and Procedures Database, SchoolStream forms).
- On-line budget information for schools/departments.
- On-line attendance and grading in K-12 schools.
- Automated substitute teacher dispatch system.
- Learning and Performance Management Systems for student performance analysis by teachers and administrators.
- The use of Moodle and My Big Campus for various district committees and classrooms.
- Transportation routing and boundary software (Transfinder).
- Automated system for professional development registration and tracking.
- Professional development delivery.
- Online instructions for completion of district reports.
- E-Grant submittals.
- MT Edition for Special Education IEP reporting.
- Software for identifying at risk and “invisible” students.
- Google Apps for Email, Scheduling, web pages, document storage, and collaboration
- YouTube and Safari Montage streaming video collection
- Web content filtering

### **B. Use technology to support and develop curriculum**

A schedule is in place to assess and modify curriculum by subject area. Every year at least one curriculum area is reviewed. A technology strand is incorporated into the curriculum rubric. Technology integration is discussed as part of every curriculum adoption. Professional development time is devoted, in part, to technology. Teachers are provided access to computers and other hardware during the school day.

The District Technology Steering Committee meets to discuss, share ideas to make recommendations related to district technology issues. With the assistance of this committee the District is exploring/implementing online instruction, digital learning content and tools.

Each year, more teachers develop on-line learning opportunities for their students. The Board of Trustees approved a revision to the Cell Phone and Electronic Device policy, which expanded the use of cell phones in the high school and provided opportunities for students to use personal electronic devices to support their learning.

The Social Media procedure has been updated and revised to expand access to online classroom resources(see #5460P).

Google Apps offers the use of collaborative documents and scheduling for all staff and High School students. The district employs a district web page for curriculum, which may be accessed at <http://www.bsd7.org/curriculum>.

### **C. Use technology to benefit students with special needs**

We are committed to ensuring that students receive the best education they are capable of receiving. We define students with special needs as ranging from the severely disabled to the gifted student.

The district continues to explore/implement the use of digital tools to meet the needs of all students, under a Response to Intervention model. Such hardware, software and digital resources would be accessible to all students, and serve as a supplemental intervention to the general curriculum. Hardware and software is continually reviewed to ensure they are current and accessible to all students.

Assistive technology evaluations through the IEP (Individualized Education Program) process focus on identifying appropriate uses of technology, based on the individual student, environment, tasks and tools (SETT Framework). These AT evaluations may be completed in consultation with MonTech (University of Montana).

**D. Provide hardware, software and an integrated district level infrastructure In order to operate efficiently and in a cost effective, equal manner**

Bozeman School District #7 has been taking steps to provide all students with the same access to basic equipment in each school and classroom. Each school has an equal infrastructure. It is the responsibility of the school principal to notify the Technology Supervisor at the yearly assessment meeting of any classroom deficiencies in the following list. The following are items that have been accomplished to date:

- The school district has a central content filtering system to block inappropriate content.
- The school district has e-mail and web-based e-mail available to all staff, including spam filtering and attachment filtering.
- Each school has at least a 100 Mbps fiber link, which provides both telephone and data.
- Each school has its own local network, which is connected to the district wide area network.
- Each classroom has at least one computer and one Internet connection.
- Each classroom has a television or projection device, DVD/VCR and a cable TV connection.
- Each classroom has a telephone, and every teacher has a voice mail box.
- Teachers can build their own classroom web page through Google Sites.
- Every school has a working intercom system.
- Every school has access to the district library/media resource center.
- Every school has at least three portable wireless computer labs or dedicated computer labs.
- Every school has several laptops with projectors and document cameras for presentations.
- A Zone Integration System automatically updates the Library Circulation system and Food Service system when new students are entered into the Student Records utilizing the Schools Interoperability Framework.
- Every school has wireless network access.
- Mobile devices are being explored.
- 

Current Priorities:

1. Each classroom teacher must have basic software and hardware needed to teach, assess and report on the curriculum for their grade/subject level. District leadership will meet as needed to revise and assess technology needs.
2. Monitor technologies that they are being used for the intended use.

3. Identify software and hardware to assist with intervention services for at risk students.
4. Specify a timeline for keeping software and hardware up to date. The Technology Department will stay informed of new versions of software and hardware and make recommendations for purchases.
5. Identify facility needs and plan for addressing them. By district policy, a Facility Master Plan must be developed to cover a 10-year period, with annual reviews.
6. Update network equipment in every school. Switches, routers and wireless access points will be replaced in all schools as necessary.
7. Have equipment available for in-services and classroom use. Each year equipment use is evaluated to ensure that enough equipment is available. A key area of focus for 2012-14 will be satisfying the needs of the Common Core/Smarter Balanced implementation. All 6-12 classrooms have lcd projectors in classrooms. K-5 classrooms have access to multi-media carts that include visual presenters and lcd projectors.
8. Replace aging computers on a regular basis. Each year, aging computers will be replaced, with a minimum system configuration determined each Spring by the Technology Services Department.
9. Expand network infrastructure and current bandwidth to support district needs over the next 3 years.
10. Utilize full capabilities of the current voice over IP phone system.
11. Enhance security through the use of technologies, including but not limited to a district wide emergency messaging and communication system.
12. Have a ubiquitous computing environment where every student has digital device available. Accessing the school network to enrich the learning environment.

#### **E. Identify current financial capacity**

- Technology purchases are determined by the assessment of computer hardware and equitable distribution of equipment. Determination is made by the school principal and the Technology Services Supervisor, with input from staff.
- District budget for repair of classroom computers and related hardware has been sufficient to repair equipment, or to purchase replacements if repair is not possible.
- A Technology Mill Levy provides \$200,000 per district per year for current and future technology purchases and some training.
- Building reserve is used to make sure that all electrical services are up to date, adequate and safe. This fund is also used for cabling projects for telephone and data.
- State technology money from timber sales has not been consistent. The funds are used to assist with hardware and software acquisitions as available.
- E-Rate (Schools and Libraries Universal Service Fund) is utilized to provide a discount for approximately fifty percent of the telephone and data line expenses.
- IDEA funds may be used to support hardware and software for programs for students with identified disabilities
- Carl Perkins funding has been used to purchase hardware and software for vocational classes, including adult education classes.
- Grants and other funding opportunities, as they become available



## **F. Identify alternative funding sources**

To properly integrate technology into the curriculum, research and effort must be given to identify alternative funding sources.

- The Deputy Superintendent Operations is charged with coordinating federal grants for technology and other purposes with support from the Curriculum Director and Deputy Superintendent Instruction.
- The Bozeman Public Schools Foundation has a Spark Grant program which allows teachers to apply for enhanced technology opportunities.
- Teachers may apply for additional funding related to technology.
- Reprioritization of budget areas.

## **G. Continuously monitor, update and evaluate technology usage.**

The following are the criteria for the district technology plan assessment:

1. **Staff assessment:** · Evaluations and observations by supervisors are used to determine appropriate use of technology in their instructional delivery · Professional Development Surveys provide information on staff needs.
2. **Student assessment** · Evaluation by teachers and staff · District technology assessments for 5th to 8th grades. Words per minute assessments for 3rd, 4th, 5th and 8th grades.
3. **Curriculum Assessment** · Curriculum Department and others as appropriate continually assesses curriculum technology integration, including digital tools and resources.
4. **General Technology Review** · Performed annually in the Spring by Administrators and Technology Services Supervisor · On-going evaluation necessitated by changing technology · Life expectancy, replacement
5. **Software revisions, upgrades** · Equity to all schools so that students have access to technology to achieve learning outcomes
6. **Long Range Strategic Plan (LRSP) Action Plans** - The LRSP defines Strategic Objectives. Annually, buildings and departments utilize action plans to meet benchmark action steps and final Strategic Objective goals. This information is shared with the Board of Trustees and the community.

## **Plan Development Strategies**

Strategy 1: Evaluate the K12 Curriculum grade level(bands) expectations related to the student technology profiles. These grade level(bands) expectations will be readily applicable to content area curricula into which the technology learning objectives will be integrated. Develop comprehensive assessment tools to measure skill levels for students. (Goals A, B, C, D, G) This is an ongoing process with regular reviews and updates.

Strategy 2: Continue professional development for all staff via instructional coaches and tech mentors, district-provided opportunities and individual professional development plans. (Goals B, G)

Strategy 3: Utilize tech mentors to be K12 technology leaders and trainers. Mentor teachers are

technology leaders for their assigned school. They model technology integration in the classroom and assist classroom teachers with learning the use of technology in administrative and classroom applications. (Goals A, B, C, D, E) This is an ongoing strategy.

Strategy 4: Develop and maintain an ubiquitous computing environment. (Goals D, E, F, G)

Strategy 5: Upgrade infrastructure to ensure network stability. Continually evaluate the schedule to update network infrastructure. (Goals D, E, F, G)

Strategy 6: Continually evaluate and provide training for administrative data gathering, statistical analysis, reporting, and staff management tools. (Goals A, B, C, D, E, F, G)

Strategy 7: Work closely with Bozeman Public Schools Foundation for funding resource. (Goal E, F, G)

Strategy 8: Continue to have Instructional Coaches model integrated and differentiated learning using technology. (Goals A, B)

Strategy 9: Continually update Technology Readiness Tool to monitor tech readiness for Smarter Balanced testing. Update hardware and software accordingly. (Goals D, E, F, G)

Strategy 10: LRSP re-visioning every 5 years: 2008, 2013, etc. (Goal G)

Strategy 11: Ongoing District Technology Steering Committee (Goal B, G)

Strategy 12: Revise District and School Web-sites. (Goals A, B, D)

## **Implementation Timeline**

### **2013-2014**

1. Provide training to Mentor Teachers
2. Complete purchase of projection devices and visual presenters for K-5 schools
3. Continue to evaluate and replace older hardware
4. Continue to implement RTI/MTSS in schools
5. Expand use of Learning Management Systems in Classrooms
6. Revise the student Technology Assessments
7. Formalize a words per minute keyboarding assessment for grades 3, 4, 5 and 8
8. Upgrade Local Area Network and Enhance wireless access for classrooms
9. Upgrade Internet Bandwidth
10. Finalize technology profiles
11. Develop an action plan and timeline for 1:1 computing
12. Develop an action plan for BYOD (Bring Your Own Device)
13. Develop and implement a digital citizenship curriculum
14. Review and revise District policy and procedure, as appropriate
15. Create action plan for on-line instruction

16. Continue to implement SchoolMessenger: messaging and attendance messaging
17. Explore the implementation of K-5 Electronic Gradebook aligned to Common Core Standards.
18. Revise District and School Web-sites and LMS.
19. Develop an action plan and timeline for ubiquitous computing including the implementation of electronic learning materials, e.g., e-textbooks.

#### **2014-2015**

1. Continue district technology assessments
2. Continue to evaluate and replace older hardware.
3. Expand Google Apps for classroom use
4. Implement Curriculum matrix adoption cycle
5. Upgrade Internet Bandwidth
6. Full readiness for Smarter Balanced Assessments
7. Upgrade Wide Area Network
8. Continue Implementation of Inform Performance Management System
9. Implement Prevent At Risk identification software
10. Review and revise District policy and procedure, as appropriate.

#### **2015-2016**

1. Utilize Chromebook/Neo2 carts in K-5 schools for keyboarding and writing skills.
2. Use Instructional Coaches, K-12, to assist teachers with technology integration in a job-embedded professional development model.
3. Professional Development and Technology committees will continue to evaluate class offerings and find tune course offerings for staff
4. Continue to work with Montana State University to offer technology in-service with credit options
5. Continue to evaluate and replace older hardware
6. Continue to implement Rti in schools
7. Continue to update district web page
8. Continue to evaluate and upgrade Rti programs
9. Continue district technology assessments
10. Review and revise District policy and procedure, as appropriate.

#### **Hardware and Software Purchase Plan 2013-2016**

##### 2013-2014

District: Implement new Web-site and LMS/community communication tools. Upgrade bandwidth to Internet. Fully implement a LMS.

K-5 Schools: Replace oldest teacher and library computers. Replace oldest MacBook labs. Install additional Wireless Access Points in schools. Visual Projectors and LCD projectors for each school. Open new Elementary school, purchase necessary equipment.

Middle Schools: Replace oldest classroom computers. Install LCD projectors in remaining classrooms. Replace oldest MacBook labs in each school. Update operating systems for teacher computers. Implement new teacher gradebook software.

High Schools: Add technology equipment as needed to complete second phase remodeling/building phase of BHS. Replace oldest teacher computers. Install projectors in ceilings of remaining classrooms. Create mini-labs in each classroom in BAS. Continue updating teacher computers. Implement new teacher gradebook software.

#### 2014-15

District: purchase replacement laptops for teachers on as needed basis for current levels of system requirements to access Dibels, EasyCBM, Inform and gradebooks. Obtain Performance Management software, Inform. Replace oldest administrative office computers. Update network infrastructure – Internet Packet Shaping, new Firewall appliance and some switches.

K-5 Schools: Replace oldest teacher and library computers. Replace oldest MacBook labs. Purchase Visual Presenters and LCD projectors . Add access points to wireless network as needed.

Middle Schools: Replace oldest classroom computers. Install LCD projectors on ceiling of SMS classrooms. Replace eMac lab at SMS. Add access points to wireless network access. Final purchase and installation of projectors for SMS. Purchase visual presenters for middle schools.

High School: Add and replace technology equipment as. Replace 2 portable labs at BHS. Replace oldest teacher computers. Replace N220 lab. Replace Photo Lab. Continue to add wireless access points to allow one to one computing with a blended technology

#### 2015-16

District: Replace oldest administrative office computers. Plan Gallatin Valley Educational Cloud. Re-evaluate LAN, WAN and Internet connectivity.

K-5 Schools: Replace oldest teacher and library computers. Replace oldest MacBook labs. Purchase Visual Presenters and LCD projectors. Place computer pods in classrooms. Purchase Chromebook labs for keyboarding and writing skills.

Middle Schools: Purchase RTI software. Replace labs. Purchase visual presenters where needed. Replace oldest teacher computers.

High School: Replace oldest teacher computers. Replace labs as needed. Place computer pods in classrooms. Place visual presenters where necessary. Purchase new LMS/Moodle server.

### **Preliminary Budget 2013 through 2016:**

#### **2013-14 School Year**

<u>Description</u>	<u>Amount</u>	<u>Funding Source</u>
Telecommunication Services	\$131,000	E-Rate, District Technology Budget

Internet Service Provider	40,000	District Technology Budget
Internet Filtering	4,000	District Technology Budget
Hardware, New and Replacement	400,000	District Tech Levy, School Budgets, PAC's, Carl Perkins, State Timber Fund
Hardware Maintenance Contracts	40,000	District Technology Budget, Carl Perkins
Software	75,000	School/Department Budgets, District Tech Levy, Carl Perkins
Software Maintenance Contracts	115,000	District Technology Budget
Professional Development	<u>10,000</u>	District Professional Development Budget
Total	\$815,000	

### **2014-15 School Year**

<u>Description</u>	<u>Amount</u>	<u>Funding Source</u>
Telecommunication Services	\$131,000	E-Rate, District Technology Budget
Internet Service Provider	45,000	District Technology Budget
Internet Filtering	4,000	District Technology Budget
Hardware, New and Replacement	400,000	District Tech Levy, School Budgets, PAC's, Carl Perkins, State Timber Fund
Hardware Maintenance Contracts	43,000	District Technology Budget, Carl Perkins
Software	77,000	School/Department Budgets, District Tech Levy, Carl Perkins
Software Maintenance Contracts	120,000	District Technology Budget
Professional Development	<u>13,000</u>	District Professional Development Budget
Total	\$833,000	

### **2015-16 School Year**

<u>Description</u>	<u>Amount</u>	<u>Funding Source</u>
Telecommunication Services	\$145,000	E-Rate, District Technology Budget
Internet Service Provider	50,000	District Technology Budget
Internet Filtering	4,000	District Technology Budget
Hardware, New and Replacement	400,000	District Tech Levy, School Budgets, PAC's, Carl Perkins, State Timber Fund
Hardware Maintenance Contracts	45,000	District Technology Budget, Carl Perkins
Software	80,000	School/Department Budgets, District Tech Levy, Carl Perkins
Software Maintenance Contracts	120,000	District Technology Budget
Professional Development	<u>10,000</u>	District Professional Development Budget
Total	\$854,000	

## **Technology Evaluation**

### **Technology Review:**

Bozeman Public Schools maintains an inventory database of hardware and software. This inventory is reviewed on an annual basis to evaluate replacement of equipment to correspond with the technology plan goals. The technology department will perform this review and will work with

building principals and staff to ensure adequate equipment for their technology needs.

**Equitable Access:**

As part of the continual monitoring and review process, a concerted effort will be made to strive for technological equity among schools. Procurement of software and hardware is based on identifying and replacing out of date equipment, the anticipation of proven, researched based technological advances, and recommendations for materials acquisitions related to the Curriculum Improvement Sequence.

**Technology Plan Review:**

Review of the Bozeman Technology Plan will occur on an annual basis by the following groups. All groups will evaluate the technology to support and comply with the technology component of the district five year LRSP plan.

Mentor teachers/principals: These staff members evaluate how the Technology Plan is meeting the needs of their school.

Professional Development Committee: This committee guides decisions related to staff Development.

Current Curriculum Leadership Teams: These committees monitor the effective integration of technology into specific curriculum areas. They review student technology assessment information to promote research based instructional methods.

Technology Supervisor/Assistant Superintendent of Curriculum & Instruction: These staff members analyze data, comments and recommendations and revise the Technology Plan as appropriate.

District Technology Steering Committee: using data from the spring general technology review and modify to include current technology and refine best use recommendations.

Board of Trustees: The Board reviews the Technology Plan on a yearly basis.

**Community Education, Parent Involvement and Communication**

Technology supports the district's Adult Basic Literacy Education (ABLE) program as well as the Community Education program. Computer labs, software, and a variety of technology resources (projection systems, printers, scanners, instructional and application software, etc.) are used by K-12 and ABLE during the day and by Community Ed in the evenings for in-services and workshops. Professional development activities are "shared" among the ABLE, Community Ed and Bozeman High School vocational programs.

The district has invested in PowerSchool, a student records software package. Students and parents can access PowerSchool and view current grades, assignment scores, and attendance for

the classes in which they are currently enrolled. Attendance information is updated on a daily basis. Assignments and current grades are updated as teachers enter the information into their electronic grade books. Some school newsletters are sent to parents via e-mail and are also available through the PowerSchool parent and student access. The District's long-range teacher plan is prominently displayed on the District's web page. The Superintendent's "Friday Letter" is distributed to community members via e-mail and displayed on the District's web page. The Board of Education meeting agendas are available online, as are all district policies and administrative procedures. Finally, community members are routinely included in major committees.