

Corp: **5480** - Bremen Public Schools
Name: Ms ShambargerRebecca
School: Bremen Public Schools
Email: rshambarger@bps.k12.in.us
Phone: 574-546-3929

Section I: Corporation Technology Trends Survey

Corporation Technology Policies

1. What is your district policy involving student-owned cell phones?
 - We have no policies regarding student-owned cell phones.
 - Policy generally prohibits student use of cell phones during school hours.**
 - Policy allows limited student use of cell phone for non-instructional purposes.
 - Policy allows limited student use of cell phones including use for instructional purposes.
2. What if any social media are you formally using as a school corporation? (Check all that apply.)
 - No formal use
 - Facebook**
 - MySpace
 - Twitter
 - Other
3. Which best describes your corporation's stance toward providing/sanctioning teacher web pages or a class web sites?
 - Corporation does not provide/sanction a service for teacher web pages
 - Google Sites
 - Word Press
 - School Wires
 - Learning Connection
 - Edline
 - Teacher Web
 - Corporation provides a locally developed option for teacher pages
 - Corporation's Learning Management System or Student Information System**
 - Corporation provides/sanctions a variety of services
4. Which of the following best describes the corporation's provision of wireless network access (LANS) for end users?
 - None of our schools have wireless access**
 - Some schools (= 50%) have wireless access
 - Most schools (> 50%) have wireless access
 - All schools (100%) have wireless access
5. On your school campus or campuses, what devices does your corporation allow to access the school network? (Check all that apply.)
 - school-owned or provided devices**
 - Teacher/staff owned
 - Student/parent owned
 - Guest owned
6. Which of the following options describe the kinds of access parents and students in your corporation have to the following online services. (Check all that apply.)
 - Class assignments and grades. If yes, using what technology? Harmony SIS web-based parent portal**
 - Digital curricular content (e.g. subscription-based services, online content collections) If yes, using what technology? subscription-based services**
 - Historical information about students including performance data from prior years (e.g., ISTEP+, grades, local assessment scores) If yes, using what technology? Harmony SIS web-based parent portal**
 - No such services are provided

7. Which of the following option(s) describe(s) your district's current position with regard to student e-mail. (Check all that apply.)

- Corporation does not provide student e-mail at any level or allow for use of personal e-mail for learning purposes.
- Corporation does not provide student e-mail at any level but students may use personal e-mail for learning purposes.
- Corporation provides student e-mail accounts for some portion of elementary (K-5) students? If yes, using what technology? Novell Groupwise***
- Corporation provides student e-mail accounts for some portion of secondary (6-12) students? If yes, using what technology? Novell Groupwise***

8. Computer Labs

- How many stationary labs do you have? 12
- What is the average number of computers per lab? 30
- How many mobile labs (e.g. COWs)? 3
- What is the average number of computers per mobile lab? 32

9. **Non-lab computers for student use:**

On average, how many internet capable devices are available in classrooms for students to use?

	Number of internet capable devices available for student use (Select)	What types of devices? Check all that apply
Kindergarten	<input type="radio"/> 0 <input checked="" type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
1st Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
2nd Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
3rd Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
4th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
5th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices

6th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
7th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
8th Grade	<input type="radio"/> 0 <input type="radio"/> 1 or 2 <input checked="" type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input checked="" type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input checked="" type="checkbox"/> Mobile Devices
9th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> Mobile Devices
10th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> Mobile Devices
11th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> Mobile Devices
12th Grade	<input checked="" type="radio"/> 0 <input type="radio"/> 1 or 2 <input type="radio"/> 3-5 <input type="radio"/> 6-10 <input type="radio"/> 1-to-1 ratio	<input type="checkbox"/> Desktops <input type="checkbox"/> Netbooks <input type="checkbox"/> Laptops <input type="checkbox"/> Mobile Devices

10. **Teacher computers:**

Teachers in our corporation typically have :

- Laptops
- Desktops**
- No dedicated computer

11. **Technology Refresh:**

For each type of device that the corporation provides for student learning indicate (in years) the typical/planned refresh rate. If your corporation does not provide a particular technology, select not provided

- **Desktops** **Greater than or equal to 6 years**
- **Laptops** **Greater than or equal to 6 years**
- **Netbooks**
- **iTouches**
- **Cell Phones**

12. Which of the following describe 1-to-1 implementations/structure in your corporation?(Check all that apply.)

- We have no 1-to-1 initiatives

	Devices go home with students	Corporation provides off-campus Internet access
New Tech Implementation	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Grade Level Based	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Content Area Based	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Other	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

13. Are you applying for Priority 2 E-Rate discounts in the upcoming year?

- Yes
- No**

Infrastructure Management

14. Corporation Web Site:

Select from the following options to describe the design, technology, and hosting scenarios that best describe your corporation's web site.

Designed by	Technology	Hosting
<input type="radio"/> Students <input checked="" type="radio"/> School Staff <input type="radio"/> Third Party	<input checked="" type="radio"/> Primarily HTML <input type="radio"/> Content Management	<input checked="" type="radio"/> Hosted by Corporation <input type="radio"/> External hosting Service

15. Cloud Computing/Virtualization:

Choose from the following options to describe your corporation's position on utilizing cloud-based services to store data or to provide services? (Check all that apply.)

Currently	Future (Next 12-18 months)
<input checked="" type="checkbox"/> Do not use cloud-based services <input type="checkbox"/> Utilize a private (local) cloud <input type="checkbox"/> Utilize a third-party provider (e.g., Google Docs, Live@edu) <input type="checkbox"/> Utilize virtual servers <input type="checkbox"/> Utilize virtual desktops	<input checked="" type="checkbox"/> No plans in this area beyond current use <input type="checkbox"/> Will implement a private cloud <input type="checkbox"/> Will utilize a third-party provider (e.g., Google Docs, Live@edu) <input type="checkbox"/> Will implement virtual servers <input type="checkbox"/> Will implement virtual desktops

16. Shared Services:

Choose from the following options to describe cost saving measures your corporation is taking in the area of technology.

Joint Purchasing	Personnel Sharing	Outsourcing
<input type="radio"/> Do not purchase assets or services cooperatively <input checked="" type="radio"/> Purchase assets or services in cooperation with other corporation, municipalities, etc. (Provide at least 1 example)	<input checked="" type="radio"/> Share no personnel with other entities <input type="radio"/> Share personnel with other corporations, municipalities, etc. (Provide at least 1 example)	<input type="radio"/> Have not outsourced technology services <input checked="" type="radio"/> Outsource some technology services (Provide at least 1 example)

17. Technology Energy Management:

Does your school corporation utilize energy management services to power down/power up and otherwise manage energy consumption of technology resources?

- Yes
 No

18. Bandwidth:

What is the total (from all providers) internet bandwidth at the corporation level (does not include WAN)? (Mbps)

- What is the total (from all providers) internet bandwidth at the corporation level (does not include WAN)? (Mbps)** **20**
- During most recent month of September, what is peak utilization during the school day? (Mbps)** **14**
- During most recent month of September, what is the average utilization during the school day? (Mbps)** **10**

19. **Software:**

What software packages or services are provided through your school corporation? (Check all that apply.)

■ **Student Management System**

- | | |
|---|----------------------------------|
| <input type="radio"/> Power School | <input type="radio"/> Skyward |
| <input checked="" type="radio"/> Harmony | <input type="radio"/> Lighthouse |
| <input type="radio"/> STI | <input type="radio"/> Other |
| <input type="radio"/> SDS | |

■ **Office/Productivity Software**

- | | |
|---|-----------------------------------|
| <input checked="" type="radio"/> MS Office | <input type="radio"/> Google Docs |
| <input type="radio"/> Open Office | <input type="radio"/> Other |
| <input type="radio"/> Work Perfect | |

■ **Learning Management System**

- | | |
|----------------------------------|---|
| <input type="radio"/> Angel | <input type="radio"/> Moodle |
| <input type="radio"/> Blackboard | <input checked="" type="radio"/> Other |

■ **Electronic Gradebook**

- | | |
|---|-----------------------------|
| <input checked="" type="radio"/> Gradebook provided through student information system | <input type="radio"/> Other |
|---|-----------------------------|

■ **Remediation software**

- | | |
|---|------------------------------------|
| <input type="radio"/> Read 180 | <input type="radio"/> Study Island |
| <input checked="" type="radio"/> Plato | <input type="radio"/> Other |

20. **Online Instruction:**

Describe your corporation's current utilization of online courses. (Check all that apply.)

- This corporation does not utilize online courses and are not currently considering online options
- Currently considering online options
- Offer Advanced Placement online
- **Use online courses for credit recovery**
- **Use online courses for Core 40 courses**
- Use online courses for Non-core 40 courses

21. **Digital Curriculum Resources:**

List up to 10 digital curriculum resources/subscriptions beyond those that are provided as supplements to traditional textbooks that have been purchased by the school corporation or schools in the corporation. (e.g., repositories of online content for students, access to collections of video content, repositories of online content for teachers)

Our corporation does not provide such resources to students or teachers

Company	Product	Description
<i>Galenet</i>	<i>Student Resource Center</i>	<i>Research resource</i>
<i>WorldBook</i>	<i>World Book Online</i>	<i>Encyclopedia</i>
<i>Proquest</i>	<i>SIRS</i>	<i>Research resource</i>
<i>Proquest</i>	<i>Chadwick Healey PQ</i>	<i>Research resource</i>
<i>Proquest</i>	<i>Axiom</i>	<i>Research resource</i>
<i>Discovery Education</i>	<i>Discovery Streaming Video</i>	<i>Content</i>
<i>Reanissance Learning</i>	<i>Star Reading</i>	<i>Early Literacy</i>
<i>Plato</i>	<i>Online Curriculum</i>	<i>Credit Recovery/Remediation</i>

22. **Digital Curriculum as Alternatives to Textbooks:**

For which of the following subjects has the corporation taken advantage of the blanket waiver for textbook adoption by adopting digital content not on the textbook adoption list? (Check all that apply—including for subjects where some courses utilized digital resoruces but not others.)

Our corporation has not utilized the blanket waiver in order to substitute digital resources for textbooks.

	K	1	2	3	4	5	6	7	8	High School
English/LA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Math	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social Studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. **Textbook and Instructional Material Fees:**

For each of the following grade levels, indicate the most recent per student textbook rental and fees/costs (whole dollars) for non free/reduced lunch students. If the amount varies by school or grade level, please provide a district average.

- a. K \$ **\$97**
- b. 1 \$ **\$88**
- c. 2 \$ **\$102**
- d. 3 \$ **\$98**
- e. 4 \$ **\$94**
- f. 5 \$ **\$111**
- g. 6 \$ **\$123**
- h. 7 \$ **\$111**
- i. 8 \$ **\$120**
- j. High school \$ **\$219**

24. **Online Assessment:**

What types of computer, online or technology based assessments are used in your school corporation? (Check all that apply)

This corporation does not utilize online or technology-based assessments

ISTEP+

Acuity

Wireless Generation

End of Course Assessments

NWEA

Terra Nova

Local Assessment:

Student and Staff Capacity to Use Technology

25. Technology Standards:

Describe your corporation's approach to technology standards for the following populations.

Students	Teachers	Administrators
<input type="checkbox"/> Have not formally adopted standards for students	<input checked="" type="checkbox"/> <i>Have not formally adopted standards for teachers</i>	<input checked="" type="checkbox"/> <i>Have not formally adopted standards for administrators</i>
<input checked="" type="checkbox"/> <i>Have adopted standards for students based in whole or in part on ISTE NETS-S.</i>	<input type="checkbox"/> Have adopted standards for teachers based in whole or in part on ISTE NETS-T.	<input type="checkbox"/> Have adopted standards for administrators based in whole or in part on ISTE NETS-A.
<input type="checkbox"/> Have adopted locally developed standards for students.	<input type="checkbox"/> Have adopted locally developed standards for teachers.	<input type="checkbox"/> Have adopted locally developed standards for administrators.
<input type="checkbox"/> Students are assessed on mastery of adopted technology standards.	<input type="checkbox"/> Teachers are assessed on mastery of adopted technology standards.	<input type="checkbox"/> Administrators are assessed on mastery of adopted technology standards.

26. Does your school corporation formally address 21st Century Learning Skills in its curriculum?

- Yes
 No

27. Does your school corporation formally address Information Literacy Standards (AASL) in the curriculum?

- Yes
 No

28. Keyboarding:

Use the following options to describe your corporation's approach to keyboarding.

Does your school corporation teach computer keyboarding?

- Yes**

If yes,

- Corporation does not require mastery of keyboarding by all students***
 Corporation requires mastery of keyboarding by grade

- No

Section II: Goals, Strategies and Metrics

Goal:

Expand the use of technology as a teaching and learning tool.

Strategies:

- 1. Online professional development- providing more online resources. The technology committee will research and request specific additional resources. These will be added by the technology department staff.*
- 2. Provide before/after school training sessions on technology tools and resources. These sessions will be provided by the district technology integration coach.*
- 3. Increase the bandwidth available for Internet access by all students and staff.*

Metrics:

Expand the use of technology as a teaching and learning tool.

Progress:

NA

Goal:

Use data to drive instructional decisions.

Strategies:

- 1. Increase Teacher usage of the IDOE Learning Connection website.*
- 2. Establish the Bremen Technology Committee Group on the Learning Connection*
- 3. Train teachers on how to access the site.*
- 4. Train teachers on how to post lesson plans.*
- 5. Train teachers on how to join groups, set up communities, etc.*

Metrics:

Use data to drive instructional decisions.

Progress:

NA

Goal:

Continuously improve home/school/community communications.

Strategies:

- 1. Increase information on the Harmony web access for parents.*
- 2. Work with teachers to post daily homework assignments.*
- 3. Work with teachers to post classroom news.*
- 4. Work with teachers to post grades on a consistent basis (timely).*

Metrics:

Continuously improve home/school/community communications.

Progress:

NA

Section III: Technology Budget

Has your school corporation established a School Technology Fund as required in IC 20-40-15-2?

Yes

No

Please estimate the expenditures planned in each category. Use whole dollar values.

	2011-2012					
	Capital Projects	Technology Fund	Textbook Funds	Grants	Other	Sub Total by Category
Contract/Professional Services for Technology	43600	0	0	0	0	43600
Hardware	120300	0	0	0	0	120300
Professional Development (non salary)	5000	0	0	0	0	5000
Salary	162581	0	0	0	0	162581
Software	73000	0	0	0	0	73000
Telecommunications	0	0	0	0	25000	25000
Sub Total by Source	404481	0	0	0	25000	Total: 429481
% of Total By Source*	94%	0%	0%	0%	6%	

** Percentages could be slightly above or below 100% due to rounding of calculations*

	2012-2013					
	Capital Projects	Technology Fund	Textbook Funds	Grants	Other	Sub Total by Category
Contract/Professional Services for Technology	63000	0	0	0	0	63000
Hardware	201000	0	0	0	0	201000
Professional Development (non salary)	5000	0	0	0	0	5000
Salary	165200	0	0	0	0	165200
Software	90000	0	0	0	0	90000
Telecommunications	0	0	0	0	33000	33000
Sub Total by Source	524200	0	0	0	33000	Total: 557200
% of Total By Source*	94%	0%	0%	0%	6%	

** Percentages could be slightly above or below 100% due to rounding of calculations*

	2013-2014					
	Capital Projects	Technology Fund	Textbook Funds	Grants	Other	Sub Total by Category
Contract/Professional Services for Technology	65000	0	0	0	0	65000
Hardware	231000	0	0	0	0	231000
Professional Development (non salary)	5000	0	0	0	0	5000
Salary	169500	0	0	0	0	169500
Software	70000	0	0	0	0	70000
Telecommunications	0	0	0	0	33000	33000
Sub Total by Source	540500	0	0	0	33000	Total: 573500
% of Total By Source*	94%	0%	0%	0%	6%	

** Percentages could be slightly above or below 100% due to rounding of calculations*

Bremen Senior High School

Goal:

Expand the use of technology as a teaching and learning tool.

Strategies:

- 1. Online professional development- providing more online resources. The technology committee will research and request specific additional resources. These will be added by the technology department staff.*
- 2. Provide before/after school training sessions on technology tools and resources. These sessions will be provided by the district technology integration coach.*
- 3. Increase the bandwidth available for Internet access by all students and staff.*

Metrics:

Expand the use of technology as a teaching and learning tool.

Progress:

NA

Goal:

Use data to drive instructional decisions.

Strategies:

- 1. Increase Teacher usage of the IDOE Learning Connection website.*
- 2. Establish the Bremen Technology Committee Group on the Learning Connection*
- 3. Train teachers on how to access the site.*
- 4. Train teachers on how to post lesson plans.*
- 5. Train teachers on how to join groups, set up communities, etc.*

Metrics:

Use data to drive instructional decisions.

Progress:

NA

Goal:

Continuously improve home/school/community communications.

Strategies:

- 1. Increase information on the Harmony web access for parents.*
- 2. Work with teachers to post daily homework assignments.*
- 3. Work with teachers to post classroom news.*
- 4. Work with teachers to post grades on a consistent basis (timely).*

Metrics:

Continuously improve home/school/community communications.

Progress:

NA

School Level Implementation

Support for Teaching and Learning:

The teachers of Bremen High School incorporate technology into their daily instruction and lesson plans in a variety of ways to increase student achievement, engage students in the learning process, and supplement student instruction.

To increase student achievement, the power of technology is used in three ways. The first is through web based instructional programs that help students develop and strengthen specific academic skills. Software is used to help students that have been found to have deficient skills in the areas of reading, vocabulary, and writing to practice and improve these skills. MP3 players help differentiate student learning for students who are struggling with reading. Online textbooks make use of voice technology to become an audio book for students, and flash players to engage students through the use of video.

The second way is through the delivery of courses via the internet. The Bremen Academy uses online software to offer an alternative method of instruction for students who need to make up classes, students who cannot fit required classes into their schedule, and students who are at risk of dropping out of school.

The third way is through connecting students with resources beyond the four walls of the high school. The English department utilizes the OWL system at Purdue University to instruct and assist students in writing research papers. The high school also provides AP physics and AP Calculus to students via internet delivery. This has allowed high achieving students the ability to take challenging courses, without adding additional staff for what would be very small classes.

Staff members use technology daily in their classrooms to engage students in the learning process. They use overhead projectors for power point based instruction and student projects and reports. Most departments use films in class to illustrate key points, serve as discussion starters, or provide a humorous break from a lecture. The Internet is also frequently used by all departments to allow students to create projects of their own, research papers, and to track data. Document cameras are used by to help students with presentations of paper based or three dimensional materials. Wireless tablets help students solve problems on the white board in class. This is helpful in reducing student anxiety about presenting in front of their classmates.

Professional Development:

It is the responsibility of the Administration, Technology Director, Technology Committee, Technology Integration Coach, and the BPS staff to ensure we have the appropriate resources and training in place to effectively integrate technology across the curriculum. Professional development focuses on improving student learning by integrating technology into the classrooms creating an engaging environment. Teachers have the opportunity to learn a core set of technological skills and are provided training on how to effectively integrate these skills into the classroom.

Bremen Elem/Middle School

Goal:

Expand the use of technology as a teaching and learning tool.

Strategies:

1. Online professional development- providing more online resources. The technology committee will research and request specific additional resources. These will be added by the technology department staff.
2. Provide before/after school training sessions on technology tools and resources. These sessions will be provided by the district technology integration coach.
3. Increase the bandwidth available for Internet access by all students and staff.

Metrics:

Expand the use of technology as a teaching and learning tool.

Progress:

NA

Goal:

Use data to drive instructional decisions.

Strategies:

1. Increase Teacher usage of the IDOE Learning Connection website.
2. Establish the Bremen Technology Committee Group on the Learning Connection
3. Train teachers on how to access the site.
4. Train teachers on how to post lesson plans.
5. Train teachers on how to join groups, set up communities, etc.

Metrics:

Use data to drive instructional decisions.

Progress:

NA

Goal:

Continuously improve home/school/community communications.

Strategies:

1. Increase information on the Harmony web access for parents.
2. Work with teachers to post daily homework assignments.
3. Work with teachers to post classroom news.
4. Work with teachers to post grades on a consistent basis (timely).

Metrics:

Continuously improve home/school/community communications.

Progress:

NA

School Level Implementation

Support for Teaching and Learning:

During October 2008, our teachers completed the MyTarget2 online assessment of their technology skills, including curriculum integration. Most teachers rated in the intermediate to proficient levels. Our teachers use a multitude of technologies to support their curriculum on a daily basis. New or emerging technologies are reviewed by the district technology committee at their monthly meeting. Internet resources are shared between teachers. Typically new technologies are rolled out to smaller groups, such as one or two grade levels then expanded to other grade levels if they are found to be beneficial to student learning. In addition to cross-curricular software, we use several subject specific programs for enrichment, enhancement, and remediation such as Accelerated Reader, Accelerated Math, Math Facts Café, Reading A to Z, Star Reading, Reading Plus, Intensive Phonics, and Raz Kids. These programs may be internet based or housed on our servers.

Students complete projects and present them using PowerPoint. Student reports are created using MS Word. Keyboarding classes are provided for grades 6-8. The middle school students create the morning announcements in a television studio setting and broadcast via our video distribution system to all classrooms. Several online assessments are used by teachers throughout the school year to determine student learning needs.

Daily, our teachers use the technology tools available in every classroom. These include ceiling-mounted projectors with room level sound system, 2-4 classroom student computers, dvd/vcr/cdv players, teacher PC, document cameras, Intellislate, and laser printer. All computers have access to the Internet and file server based software. Also, available for check out from the media center are digital cameras, Smartboards, individual laptops, and a mobile lab which contains 36 laptops. Teachers publish gradebooks, homework assignments, attendance, and classroom news to parents via the Harmony SIS parent portal.

Professional Development:

It will be the responsibility of the Administration, Technology Director, the Technology Committee, Technology Integration Coach, and the BPS staff to ensure we have the appropriate resources and training in place to effectively integrate technology across the curriculum.

Professional development at Bremen Elementary-Middle School will focus on improving student learning by integrating technology into the classrooms creating an engaging environment. Teachers have the opportunity to learn a core set of technological skills and are provided training on how to effectively integrate these skills into the classroom.

As the new technologies are deployed to classrooms, training sessions are held for each team, or one-to-one when necessary. Online resources are continuously added to the BPS website for teachers and other staff to use. These include instructions for using the projector, document camera, telephone and voice mail system, Microsoft Office, the gradebook program, student information system, accessing the network from home, using the classroom technology resources, and accessing the Discovery Streaming video network.
