

**CONSOLIDATED DATA COLLECTION
TECHNOLOGY PLAN
SUMMARY REPORT FOR JOHNSON-BROCK PUBLIC SCHOOLS (64-0023-000)
TECHNOLOGY PLAN FOR THE 2012-2013 SCHOOL YEAR**

SECTION 1: EDUCATION AND TECHNOLOGY

SHARED VISION STATEMENT

As described in the overall mission of the Johnson-Brock Public Schools, the purpose of education is to prepare students to be productive and caring adults. Within this context, we believe that technology is a tool for learning that expands our instructional repertoire and is the vehicle that maximizes the capacity of all teachers and learners. It is the vision of Johnson-Brock Public Schools that students be engaged in a stimulating academic environment and a challenging curriculum that is student-centered and focused on inquiry-based learning.

Specifically, we envision that technology is available and effectively supported for all students and staff:

- To provide global access to information
- To meet the curricular needs of all learners
- To provide access to the general curriculum
- To refine critical thinking skills and foster creativity
- To provide a medium for expression and communication
- To collect, assess, and share performance information
- To improve the effectiveness of administrative tasks
- To provide skills and proficiencies necessary for the workforce

It is our intention that this vision will remain constant over the course of our plan and that it will guide the day-to-day and year-to-year implementation of technology across Johnson-Brock Public Schools.

Student Learning and Productivity

Action ID: Distance Learning	The Distance Learning Lab and the Distance Learning Carts provide opportunities for training and instruction for both staff and students. Students are encourage to participate in the distance learning experience with classes such as Spanish I, II and III, as well as FFA.	51-99% Significant Progress
Action ID: Student Technology	The students of Johnson-Brock school receive telecommunication and information technology training through a school wide technology curriculum schedule.	51-99% Significant Progress

Curriculum and Instructional Practices

Action ID: Teacher Training	All Johnson-Brock School staff will receive technology training for successful implementation of technology in the classroom.	51-99% Significant Progress
Action ID: Technology Staff Tra	A Johnson-Brock Technology Coordinator will head a Technology Committee. The Technology Committee meets to discuss current issues and purposed updates.	51-99% Significant Progress

Core Applications and Information Systems

Action ID: Backup and Recove	Johnson-Brock maintains a backup and recovery services for on-site backups are administrated using Server 2008. The District has implemented an off-site backup plan using IPswitch WS_Professional to FPT Administrative, PowerSchool, and Accounting files to a server bank at ESU6 in Milford, NE.	51-99% Significant Progress
Action ID: Network	The Johnson-Brock School maintains a robust network that gives staff and students the ability to save files, create presentations, and collaborate with other students and staff on technology related projects.	51-99% Significant Progress

Action ID: PowerSchool Stude	PowerSchool is implemented for all students, Kindergarten-12th grade. All teachers have access to PowerTeacher to track student attendance and grades. As part of seventh grade orientation, parents and students are given access to the school system to monitor student attendance, grades, and lunch balances from home via the Internet. Elementary parents are given access per request. New secondary students are given their information during orientation. New teachers are given training in PowerTeacher by the Technology Coordinator or by PowerSchool support staff from ESU5.	51-99% Significant Progress
Action ID: SUI/PowerSchool	The Johnson-Brock District uses SUI and PowerSchool to maintain Human Resource information on all staff that report to the district.	51-99% Significant Progress
<u>Telecommunications Systems and Services</u>		
Action ID: DVLG	Johnson-Brock has joined the Digital Virtual Learning Group with ESU4 and ESU6 to continue to provide these opportunities and to investigate more options.	100% Action Completed
Action ID: Google School	The Johnson-Brock District uses Google School, including Google Apps, and Google Email to allow students and staff access to on-line digital data production and collaboration. The students in 7 - 12 have email accounts with access to email each other and staff. They are encouraged to use Google Apps to create and maintain files for class projects.	51-99% Significant Progress
Action ID: Skype	Johnson-Brock is using Skype to compliment the classroom curriculum in connection with Peru State College.	51-99% Significant Progress
Action ID: Technology Curricul	Kindergarten thru 12th graders are introduced to new technology on a regular basis. Johnson-Brock students are instructed not only in the uses of computer software and hardware, but in being a responsible digital citizen, including Internet safety, email protocol, and responsible interaction with social media.	51-99% Significant Progress
<u>On-Going Professional Growth</u>		
Action ID: College Courses	Courses are available from Peru State College, Southeast Community College, Metropolitan Community College-Omaha, or University of Nebr.-Lincoln, all within reasonable driving distance or as on-line courses.	11-50% Some Progress
Action ID: ESU Training	ESU4 and ESU6 provide many technology training opportunities for our staff throughout the year. Teachers are encouraged to attend training as it pertains to their individual classroom experiences. Released time is provided and registration costs are paid for training at the ESU workshops. Other incentives include chances to incorporate their personal technology skills into their career development goals and their curriculum. They are encouraged to use and share these skills to help students participate in District, State and National competitions.	51-99% Significant Progress
Action ID: NETA	At least two teachers and the Technology Coordinator will attend the Nebraska State Technology Association (NETA) Conference. They share with other staff the information gathered at the conference.	51-99% Significant Progress
Action ID: New Teachers	New Teachers are given access to network resources, the school management program and Google school during orientation. They are given basic instructions at this time and introduced to the technology coordinator and a teacher mentor for further instruction in school technology.	100% Action Completed
Action ID: Staff In-Services	Teacher in-service in technology implementation is scheduled at least 7 times each year that will enable teachers to learn emerging technology to integrate into the classroom. These in-services are 2.5 hours as scheduling will allow, and involve guided hands-on experiences, group informational presentations from outside experts, internal experts share information and offer guidance, and time is allowed for practice and review.	100% Action Completed

Action ID: Tcadre	The Technology Staff participates in a Technology Cadre with other Technology Staff from neighboring school districts and the technology staff of ESU4 and ESU6. The T-cadre meets up to 8 times a school year, discussing technology issues, networking on solutions, and training on new emerging technology.	100% Action Completed
Action ID: Tech Coordinator	A full time Technology Coordinator provides time and technology support to each staff member. Time is given per request for one-on-one support as well as discussion of technology updates and learning opportunities.	100% Action Completed

SECTION 2: ASSURANCES

This district/ESU applies for Erate discounts on its own and/or as part of a consortium application. ☒

The district/ESU receives NCLB funds (Title I, II-D, III, etc.) ☒

The entity(ies) that I represent have secured or are in the process of securing access to all of the resources, including computers and mobile devices, professional growth, hardware/software, internal connections, maintenance, and electrical capacit ☒

I understand that documentation of public hearings of CIPA and Internet Safety policy adoption may be required for audit. ☒

Filtering is incorporated with the service provided by the ESU or ISP. ☐

Filtering is provided locally for all Internet enabled workstations on a networked basis. ☒

Filtering is provided individually on each Internet enabled computer. ☐

Online activities of minors is monitored for appropriate use. ☒

Safe and secure use by minors of direct electronic communications (email, chat rooms, etc.) is assured. ☒

Unauthorized online access, including hacking and other unlawful activities, is prohibited. ☒

Unauthorized disclosure, use, and dissemination of personal identification information regarding minors is prohibited. ☒

Minors are educated about appropriate online behavior, including interacting with other individuals on social networking websites and in chat rooms and cyber-bullying awareness and response, and; ☒

At least one public hearing or meeting occurred to address the proposed Internet safety policy. ☒

The bullying prevention and education policy has been adopted and is reviewed annually. ☒

COMMENTS:

SECTION 3: INVENTORY**PART 1: Facilities Inventory**

Internet Bandwidth: Bandwidth is the rate of data transfer, measured in bits per second

(Mbps = Megabits per second, Gbps = Gigabits per second)

QUANTITY:

Internet Access	<input checked="" type="checkbox"/> Provided by ESU or consortium	
	Mbps	325
Internet Transport		
	Mbps	100

Telecommunications: Quantity/Type of Circuit(s) that serve voice and data transport in all locations of the organization.

High Bandwidth Data Circuits	<input type="checkbox"/> Includes VOIP	QUANTITY:
TYPE:		
T1 / DS1		0
T3 / DS3		0
DSL		0
Cable Modem		0
Wireless		0
Fiber Optic		0
Other		100

Describe Other:

100 Mbps between each district in the ESU and 1 Gbps between the ESU's in the consortium. We are working on upgrading to 1 Gbps connection to each district in the consortium.

Voice Circuits (other than VOIP)	
T1 / DS1	6
T3 / DS3	0
Standard 1FB Phone Lines (POTS)	3
Cellular Phones	2

Enterprise Resource / Core Business Systems. Products used by organization for systems.

Core Systems	Product Name	Status
Student Information	PowerSchool	<input checked="" type="checkbox"/> Owned By The Organization <input type="checkbox"/> Shared with ESU or Consortium <input type="checkbox"/> Outsourced Service
Finance	SUI	<input checked="" type="checkbox"/> Owned By The Organization <input type="checkbox"/> Shared with ESU or Consortium <input type="checkbox"/> Outsourced Service
Human Resource	PowerSchool, SUI	<input checked="" type="checkbox"/> Owned By The Organization <input type="checkbox"/> Shared with ESU or Consortium <input type="checkbox"/> Outsourced Service
Learning Management	Google School	<input type="checkbox"/> Owned By The Organization <input type="checkbox"/> Shared with ESU or Consortium <input checked="" type="checkbox"/> Outsourced Service
Email	Google Mail	<input type="checkbox"/> Owned By The Organization <input type="checkbox"/> Shared with ESU or Consortium <input checked="" type="checkbox"/> Outsourced Service
Voice Messaging	Panasonic TVS50	<input checked="" type="checkbox"/> Owned By The Organization <input type="checkbox"/> Shared with ESU or Consortium <input type="checkbox"/> Outsourced Service
Telephone System(s)	Panasonic D1232, Windstream, Verizon	<input checked="" type="checkbox"/> Owned By The Organization <input type="checkbox"/> Shared with ESU or Consortium <input checked="" type="checkbox"/> Outsourced Service
<input type="checkbox"/> Includes VOIP		

SECTION 3: INVENTORY**Part 2: Building Technology Inventory**

	Instructional Computers Apple	Instructional Computers PC	Instructional Computers Linux	Instructional Mobile Devices Internet Access High Speed	Managerial Computer	Managerial Mobile Devices
HIGH SCHOOL AT JOHNSON (64-0023-001)						
Bandwidth: 100 MB				0	9	1
ELEMENTARY SCHOOL AT JOHNSON (64-0023-003)						
Bandwidth: 100 MB				7	8	1

Versions of Operating Systems**The District Supports:****Building Inventory Comments:**

Summary of Self Assessments

Rubric of Essential Technology Conditions

