

2013-2016

District Technology Planning Worksheets

Dixie School District

Technology Plan

[July 1, 2013 to June 30, 2016]

Worksheet — E-rate Priority 1

Network & Telecommunications Plan	
<p>E-rate Priority 1</p> <p>Provide sufficient detail to support and validate the services you request.</p> <ul style="list-style-type: none"> Can include local and long distance telephone service, data — Internet and intranet — K-20 network VC infrastructure, cellular voice service, network capability and non-basic telecom services, such as Centrex. <i>Optional—fill in budget details and how to plan to fund your voice, data & video needs.</i> 	
Voice, Data & Video	<i>Optional—Budget & Potential Funding Sources</i>
Dixie School District will continue to participate in the K-20 e-rate consortium to provide bandwidth for data and video conferencing. Bandwidth includes IP video conferencing. Telephone services provided at Dixie include local, cellular, and long distance. These services help Dixie achieve our goal of providing adequate voice, data, and video capabilities for our students, staff and patrons.	Choosing not to complete this section but have these projects budgeted.
How will these services support your district's learning goals?	These services support the districts learning goals found within our School Improvement Plan by providing adequate means of communication with parents about student progress and program. These services also allow students and staff to quickly access information and data necessary for either assignments or required duties. Technology also contributes to the safety of students and staff at Dixie through our newly installed security cameras outside and inside the building.

Worksheet – E-rate Priority 2

Network & Telecommunications Plan

E-rate Priority 2

Provide sufficient detail to support and validate the services you request.

- Can include Ethernet switches, wireless access points, servers, server software, UPS systems, routers, hubs and related maintenance, upgrade and technology support.
- *Optional—fill in budget details and how to plan to fund your internal connections.*

Internal Connections

Optional—Budget & Potential Funding Sources

In March 2013 Dixie updated hardware to include a second internet line into our building increasing bandwidth capabilities. To better utilize this opportunity we plan the following upgrades:

1. Dixie plans to update to new network cabling & equipment. Plan includes sufficient new data cabling, servers, routers, switches, WAP's, UPS's, & other associated equipment required to provide a complete and comprehensive Local Area Network (LAN)
2. New IP video distribution system providing a complete video distribution system for all instructional spaces with adequate band width
3. New complete/integrated telephone and clock/bell/intercom system

Choosing not to complete this section but have these projects budgeted.

How will these services support your district's learning goals?

These services support the districts learning goals found within our School Improvement Plan by providing adequate means of communication with parents about student progress and program. These services also allow students and staff to increase access information speed and data necessary for either assignments or required duties.

Worksheet – Technology Needs Assessment (District Technology Standards)

Detail your district’s standards for network infrastructure and technology.

- Provide a status of your existing technology, for example, telephone system, network infrastructure and Internet access.
- *Optional—fill in budget details here or attach your budget spreadsheet.*

District Standards for Technology & Maintenance	<i>Optional—Budget</i>
<p>Hardware: The Dixie School District maintains an IOS tablet style devices and Microsoft Windows network with Windows PCs. Our current minimum PC specifications are: Core I7 processor or higher Server Operating System: Microsoft Windows 2008 Server (SP 4) Software used district-wide:</p> <ul style="list-style-type: none"> - Microsoft Office Professional - MS Word (Word Processor) - MS Excel (Spreadsheet) - MS PowerPoint (Presentation) - MS Access (Database) - MS Outlook (Email) - MS FrontPage (Web site development) - MS Internet Explorer - Acrobat Reader - STAR (Reading assessment) - Accelerated Reader (Reading management) - STAR Early Literature (Primary reading assessment) - STAR (Math assessment) - Follett (Library management) Infrastructure: <p>Switched network 10 meg per second switched WAN 100 Gb per second switched LAN to desktop</p>	<p>Choosing not to complete this section but have these projects budgeted.</p>

Worksheet – Technology Needs Assessment (Maintenance & Tech Support)

Equipment Plans	Timeline
<p>Describe the technology and network maintenance schedule.</p> <ul style="list-style-type: none"> ▪ List the equipment and software you plan to upgrade or replace. For example, firewalls or servers, upgrades to the phone system, network switches and cable drops, a new network, instructional technology, computer replacement. Remember that equipment plans must align to district or state standards for technology. ▪ Explain how your maintenance plan addresses the need for hardware/software upgrades, re-assignments and end-of-life replacement. ▪ Maintain licenses of assessment software ▪ Annual reviews by all stakeholders via tech plan and technology implemented to date 	<p>Summarize your maintenance, upgrade and tech support plan relative to the current 3-year cycle of district technology planning.</p> <ul style="list-style-type: none"> ▪ How often do you service the telephone system, computer hardware/software and district network? Daily, weekly, monthly? Connect the maintenance schedule to how you maintain it — in-house or by contract. ▪ Every 2 years by contract competitive bid <p>Describe your timeline for upgrades and new equipment.</p> <ul style="list-style-type: none"> ▪ How frequently do you upgrade or replace? ▪ All upgrades are immediate as per P2contract installation ▪ Annually purchase additional student laptop computers or iPads to continue our ratio of 1:1 for educational purposes. ▪ Our large P2 grant proposal would be completed during this 3 year reporting period.
<p>How will these services support your district’s learning goals?</p>	<p>These services bring technology into individual students through mini laptops/desktops for all students by 2013. Utilizing assessment software gives the district a quick source of ongoing analytical data to measure student progress of district learning goals throughout a given school year.</p>

Worksheet – Professional Development

Equipment Plans & PD Strategy	Timeline						
<ul style="list-style-type: none"> Describe the professional development strategy necessary to train staff on the technology and meet the increasing demand for sophisticated tech support. Use position titles to describe individual training plans for key tech support staff. 	Activities & Tasks	Professional Development	Monitoring Effectiveness	Who Is Responsible	Timeline	Resources	Cost & Funding Source
	Schedule PD sessions throughout the year	Based on identified need, offer staff trainings in building	Assess comfort level on survey Assess utilization of technology at a proficient level	All staff	Ongoing Begin 8/2013	Computers, laptops, projection device, Software	This will be done during afterschool contracted time at no additional cost
	Individual needs based technology training	This is for individual needs and individual comfort levels with technology	Admin./teacher would need to model implementation of newly learned technology	All staff	Ongoing Begin 8/2013	ESD and other training opportunities posted on PD bulletin board	Up to \$3,000 divided into number of staff who request extra training Basic Education Budget
	Join with surrounding districts as they offer trainings	This is for individual needs and individual comfort levels with technology	Admin./teacher would need to model implementation of newly learned technology	All staff	Ongoing Begin 8/2013	Other school districts postings of available trainings	Use of per diem days/hours Basic Education Budget
How will these services support your	Dixie School District School Improvement Plan and budget allocations for advanced professional development bring these technology opportunities to each individual district employee. Dixie utilizes staff/student surveys to see where teachers need technological help and spend our technology budget directly on teacher-based needs. This ensures the dollars spent are utilized by those receiving the merchandise. The merchandise is directly connected to student/teacher needs. We were						

**district's
learning
goals?**

fortunate to add 19 mini computers into our grades 3-5 and 22 iPads into our grades K-2 classrooms which greatly increased the teacher/students ability to use technology in everyday learning activities. With anticipated budget cuts, we are unsure if we can maintain the status quo for our technology budget.

Dixie Elementary School Technology Action Plan calls for "Provide training in integrated, problem based and project based learning in reading, math, writing, science and music. From this action plan our students are creating PowerPoint presentations to demonstrate learning, utilizing Microsoft Word to publish final drafts of student work, take assessments in reading and math. Students and teaches integrate technology into student's learning. Each classroom has a document camera with projector. Each of the projectors have a DVD player for instructional videos. Our visually impaired student has a document camera attached to a 32" monitor for viewing daily worksheets, textbook pages, etc. for his daily use within the classroom. These implemented components have helped our district reach our School Improvement Plan regarding technology.

Worksheet – Technology Plan Review & Update

Strategies for Review & Update	Person or Responsible Team	Timeline
<p>Summarize your annual strategy for review and update. How will you will review, evaluate and update your district technology plan?</p> <ul style="list-style-type: none"> The staff and school board will carry out an annual evaluation during the month of March/October and modify our technology plan as appropriate. 	<p>Who leads your evaluation and revision work?</p> <p>Dixie School Superintendent Dixie School Board of Directors</p> <p>Who will do the work?</p> <p>Contracted services</p>	<p>List your review, evaluation and update process by activity and timeframe.</p> <p>April 2013 Board Review and Approval April 2013. Submit to OSPI for approval, Review progress and adjust as necessary March 2014. Review status with school board October 2014. Review progress and adjust as necessary March 2015. Review status with school board October 2015. Review progress and being new plan March 2016. Submit new plan to school board and gain approvals as necessary. Annual school board review every September during district School Improvement Plan review and added/adjusted technological improvements</p>