



2012 Technology Plan Update Cover Sheet

ORGANIZATION INFORMATION	
District/Agency/School (legal name):	ANOKA-HENNEPIN ISD #11
District Number:	011
Technology Plan Status	The District/Agency/School has an approved 2008-2011 technology plan: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
IDENTIFIED OFFICIAL WITH AUTHORITY INFORMATION	
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2012 Technology Plan Update

Instructions: Use the format below to complete your responses. Do not include any attachments or additional materials. Expand text boxes and add rows as needed.

I. Technology Needs Assessment

Briefly describe recent changes in the technology needs of the school/district and the method(s) used to gather that information.

Recent needs include:

- Data dashboards to support improved timely decision making (both instructionally and operationally)
- Common Assessment Tools Upgrade/Replacement
- Add student access to District Web Portal
- Implement a Learning Management System (LMS) for Grades 6 through 12
- Provide student with email accounts to enhance their learning experience
- Determine if social media solutions, such as Facebook and Twitter, can be safely integrated into the curriculum and communications plan for district stakeholders. The solution must meet Federal Child Internet Protection Act (CIPA) requirements.
- Introduction of additional mobile devices such as iPads, Kindle, E-books (past iPods and mp3 players)

Much like needs assessed in our previous plans, these newly-identified needs have been identified through the use of staff and parent surveys, various staff committees such as the Secondary and Elementary Best Practices Committees, Technology Steering Committee, and the Secondary and Elementary Administrative Technology Committees (refer to page 3, Figure 2. Technology Needs Identifications & Decision-Making Process).

We ensure that recommendations from various committees meet our board goals, as stated in our 2008-2011 Technology Plan (refer to page 10, Table 1. How Needs Address District Mission Statement Standards).

II. Goals and Strategies

List goals and planned strategies for implementing technology in the school/district.

Goal	Related Strategies
Previous 2008-2011 Plan Goals That Have Been Completed (pages 11 through 20):	
<ul style="list-style-type: none"> • Provide UnitedStreaming & NetTrekker for all Schools • Streaming Video solution • Web-Based Circulation System • Universal meal PIN and mobility solution for child nutrition • Universal Content Management (iContent) • TIES myView web-based staff payroll access • Network file server/NOS upgrade • Data warehouse analytics • Elementary Electronic Grade Reporting System • Elementary Electronic Progress Reporting • Student Information System upgrade, including master scheduling and secondary grade book • Health office visits tracked through Student Information System • Graphical reporting (Excensus & GIS) • Student Plans/Continuous Learning Plans • SPED student plans enhancements • Upgrade POS hardware in school cafeterias • Automated calls for child nutrition low meal balances • Labor Relations and Benefits SmartBen solution • Upgrade district e-mail (Exchange) servers • Web-based parent/guardian access to child nutrition information • Online streaming video for communications • Enhance ParentLink system by adding language capability • Community Education volunteer management software • Building-wide wireless access 	<p>These previous plan goals have or will be completed by the start of FY2012. More detailed information regarding the solutions will be provided in the 2013 through 2016 technology plan.</p>
Goals from 2008-2011 Plan That Will Continue Through 2012 (pages 11 through 20)	
<ul style="list-style-type: none"> • Portable labs for the media centers • Maintain Technology at STEP • Audio-enhanced classrooms • Student Response Device solution • Interactive whiteboards for district classrooms • Replace classroom TV monitors with LCD projectors • Printers/scanners – 1:10 ratio to staff • Replace classroom computers with laptops • Establish consistent student access computer replacement cycle • Enhance access for students to e-Resources and the Internet 	<p>These goals continue to be a focus for Anoka-Hennepin schools. The 2008-2011 technology plan lists the strategies for completion.</p>

<ul style="list-style-type: none"> • Continue to provide assistive technology for special education students • Allow student fee management through A-HConnect web portal • Continue to improve staff identity management process • Print Shop technology replacement and enhancement • Community Education technology replacement • Information Services help desk software • Labor Relations and Benefits TIES HR/PAY enhancements • Special Education technology tools • Service-Oriented Architecture and SIF enhancements • Increase and maintain technology support staff levels • Media staff development enhancements • Special Education staff development enhancements • Continue to enhance A-HConnect web portal • Implement online course requests for students • Continue to add Community and Academic Technology Centers 	
New Goals Established After the 2008-2011 Plan Submission	
<p>Implement Learning Management System (LMS) for Grades 6 through 12. Working with Curriculum and Instruction, the technology department will implement a hosted Moodle system for all secondary teachers and students across the district. This solution will host hybrid online courses and will eventually host online classes as well. In addition, we have already implemented a WebEx audio/video conferencing solution to meet a variety of instructional, operational, and staff development needs.</p>	<p>This goal replaces the online/distance learning goals we included in the 2008-2011 plan.</p> <p>We have a year-to-year contract in place to provide the Moodle solution. We will continue to expand our WebEx solution to meet growing online/distance learning needs.</p>
<p>Data Dashboards - the goals of the dashboard project is to provide improved and timely access to instructional and operational data for elevated and more actionable decision-making support. Stakeholders include: teachers, principals, students, parents, senior management, school board, and the many public entities. Dashboards take numerous complex information sets and present them in interactive and easy to use visual status indicators at both the summary and detail level. Dashboards allow for real time, personalized and easy-to-use overview of critical educational data.</p>	<p>During the summer and early fall of 2010 we will complete data dashboard requirements definition for the organization. In the later fall of 2010 we will conduct an RFI and/or RFP process with implementation of the selected solution starting in January 2011 and continuing in phases into the 2011-2012 school year. The first phase of implementation will be our secondary classrooms. Initial phases will also include supporting our School Board approved organizational strategic directions and school improvement planning process.</p>

<p>Acceptable Use Policy and Guideline Revision. We continue to revise our staff and student Acceptable Use Policy (AUP) and Acceptable Use Guidelines (AUG) to effectively manage emerging technologies as they evolve over time. The policy has recently been revised to include the use of mobile devices, social media tools, student email, and collaboration tools.</p>	<p>The Current School Board adopted AUP & AUG, approved July 13, 2009, is posted on our district website: http://www.anoka.k12.mn.us We are in the process of bringing forward various additional minor revisions for School Board approval this summer.</p>
<p>Common Assessment Tools Upgrade/ Replacement. This goal was listed in our 2008-2011 technology plan. It has evolved into a new RFP being sent out spring 2010, with contract award early summer 2010.</p>	<p>After contract award, staff will work with the Common Assessment Tools to support a vastly expanded use of common summative and formative assessments to improve learning.</p>
<p>Student access to the District Web Portal. Recommendations from the Secondary Best Practice Committee, through many requests from building technology staff, are that all secondary students be provided with district e-mail addresses to be used to collaborate with district students, as well as contacts outside the district. In addition, students will have secure access to their grades, course assignments, media collections, and other resources which will allow them to make more individual needs-driven learning decisions. This will enhance their learning experience and provide better communications between the student and their teachers.</p>	<p>This project entails writing a student e-mail acceptable use policy, as well as ensuring parents are on board with their students using e-mail accounts provided by the district. The proposed solution will be integrated with the Moodle Google Apps project providing online courses. Any applicable Federal CIPA regulations will be met with the proposed solution. Implementation will start in the fall 2010 and continue through 2012. We will explore the possibility that this access could be provided to elementary projects as well.</p>
<p>Social Media Solutions. This goal replaces the Anoka-Hennepin Blogs goal from our 2008-2011 plan. Social media has developed rapidly and the district has identified expanding its communications efforts into social media, primarily Facebook, as a tool to better connect with parents.</p>	<p>The use of Facebook, as well as other social media platforms, such as Twitter, will be assessed during FY11. Plans are to implement solutions as early as spring FY12. The project will continue to evolve as more social media solutions are introduced.</p>
<p>Mobile Devices for Students/Staff. This project involves evaluating the use of Mobile devices such as E-Readers, Nooks, Kindles, and iPads. These devices will be evaluated for their ability to provide students and staff greater access to information, increased access to electronic resources, and alternative methods for delivery of instruction and follow up support. Ease of use, technology support, cost savings, and increased student performance will be evaluated as well.</p>	<p>Samples of each device will be evaluated during FY11. Findings will be presented to both the Secondary and Elementary Best Practices Committees, who will recommend the right combination of devices to meet district needs. The evaluation will include determining how to get the most titles on certain readers, which devices are the most compatible with our current network structure, and which device or combination will provide us the most cost effective solution. Implementation begins in FY12.</p>

Maintain Existing Voice/Data/Internet (Communications Infrastructure). This is an ongoing project to ensure that our existing infrastructure meets the growing needs of our staff and students.	Ongoing – we are assisted in funding this project through eligibility to federal e-rate funds.
Replace technology infrastructure. Currently, the network technology is 4 years old. We plan to upgrade to a 10-gigabyte backbone with 1 gigabyte to the desktop level, power-over-Ethernet switches, and more advanced technologies that would accommodate voice over IP, security cameras, and other high-bandwidth applications. This will upgrade our current 802.11 b/g wireless infrastructure.	We will start the planning phase for this project in fall 2010; implementation should start in FY2012.
Implement Internet Packet Shaping. We need to prioritize district internet traffic to optimize use based on organizational-ranked needs. A packet shaping solution is required to meet this goal.	We will start the planning phase for this project in Fall 2010; implementation should start in FY2012.
Expand building wireless capacity. Presently, buildings are approaching campus-wide wireless services. The evolving problem now is density issues – too many clients and no way to effectively control existing clients. Wireless management software and hardware would help in this situation, allowing clients to be load balanced across multiple access points.	As soon as a capital purchase is approved, we will purchase controllers that would centrally manage all access points.

III. Professional Development Plan

Briefly describe updates or additions to planned technology professional development.

Our staff development efforts and plan largely remain the same as we state in the current 2008-2011 technology plan, pages 37 through 39. We have since added a WebEx audio/video conferencing solution to meet a variety of staff development needs. We have also expanded the capacity of our Atomic Learning solution to include 21st Century skill assessment of both staff and students, as well as allowing staff to store and document professional development they have participated in.

Our professional development of teachers reflects the needs of our staff to integrate new technologies and teaching ideas into our K-12 curriculum. Working closely with our Curriculum Dept, our technology staff development staff have identified necessary training opportunities and have delivered training in areas such as elementary research process, secondary math, Moodle, WebEx, student response devices, interactive whiteboards, Discovery Education, and NetTrekker. Additionally, Moodle is being used to deliver “just-in-time” staff development. Course are being developed for our new common assessment tool, WebEx, and for our new SIS- Genesis.

IV. Budget for Technology

Summarize the general budget categories for your school districts. This will help demonstrate how the school/district will fund the cost of planned technology services after any E-rate discounts are applied. Also list all the specific services for which you will apply for and receive E-rate discounts.

UFARS Object Code	Category	Description	FY2012 Budget (\$K)
100	Salaries and Wages for Technology Staff	District-level technology staff – does not include benefits for building-level staff	\$1,791
200	Fringe Benefits for Technology Staff	District-level technology staff – does not include benefits for building-level staff	\$552
300	Purchased Technology Services	District-level miscellaneous services	\$101
	Consultant Services	District-level consultant services	\$313
	Communications (telephone, internet access)	Includes cost for infrastructure and support, such as phone system and router maintenance, internet service	\$1,330
	Computer and systems	Includes TIES support contract and administrative computer support service funds; SIS costs	\$1,842
	Technology staff development		
	Technology workshops and conferences	Includes Technology workshops and conferences for district admin technology staff	\$16
	Technology leases and rentals		\$150
400	Supplies and materials (computer software, etc., both instructional and noninstructional)	District-level technology	\$252
500	Capital expenditures	Refer to previous plan page 44 for details	\$9,300
800	Other expenditures	Fiber Lease and telecommunications capacity	\$2,457

V. Evaluation

Concisely explain how the implementation of the technology plan will be evaluated.

The district has assigned a technology plan management and monitoring team, whose charter is to track plan progress and report that progress to the school board annually. Members of this team include a school board member, the School Board Member, Chief Technology and Information Officer, Assistant Director of Communications and Public Relations, and the Communications Technology Supervisor. This team will meet periodically to discuss status of plan goals and assist departments, where possible, in meeting those goals.

Our professional development of teachers reflects the needs of our staff to integrate new technologies and teaching ideas into our K-12 curriculum. Working closely with our Curriculum Department, our technology staff development team has identified necessary training opportunities and have delivered training in areas such as elementary research

process, secondary math, Moodle, WebEx, student response devices, interactive whiteboards, Discovery Education, and NetTrekker. In addition, Moodle is being used to delivery “just-in-time” staff development. Courses are being developed for our new common assessment tool, WebEx, and our new student information system.

For additional details, refer to pages 51 through 60 of our 2008 – 2011 plan.



2012 Technology Plan Update Review Checklist

Instructions: Mark proficient to indicate that the plan demonstrates a good faith effort to address updates to each of the 5 plan components. Mark not proficient to indicate that the plan does not demonstrate a good-faith effort to address updates to each of the 5 plan components. Note that a plan must be proficient in all five components in order to be approved.

Review Summary	
LEA:	
District #:	
Review Date:	
Reviewer:	
Approved (Y/N):	
Comments/Clarifications:	

Plan Component	Proficient	Not Proficient
I. Technology Needs Assessment		
II. Goals and Strategies		
III. Professional Development Plan		
IV. Budget for Technology		
V. Evaluation		

Note any clarifications provided by the LEA subsequent to review here.