



## **2012 Technology Bridge Plan Guidance and Template**

Most local education agencies (LEAs) currently have an approved 2008-11 Technology Plan on file with the Minnesota Department of Education (MDE). The 2008-11 Technology Plan is structured to allow LEAs to maintain eligibility for a variety of funding programs through June 30, 2011. As the transition is made to a new web-based system for the 2013-16 Technology Plan submission, a plan is needed to bridge the gap. This 2012 Technology Bridge Plan Guidance and Template is an interim planning process. It provides a framework for LEAs to update their technology plans to extend funding eligibility for the time period of July 1, 2011-June 30, 2012 without creating completely new plans.

### **Plan Development**

If an LEA elects to create a 2012 Technology Bridge Plan, it must use the provided template. Responses to the five identified plan components should include only updates to the content of the LEA's approved 2008-11 Technology Plan. It is not necessary for LEAs to create new technology plans for the purposes of this update. If an LEA does not have an approved 2008-11 Technology Plan on file with MDE, it should use the e-mail contact below to request individualized planning guidance.

[Please visit the Universal Service Administrative Company \(USAC\) Website for more information about technology planning.](#)

### **Plan Submission and Review**

The 2012 Technology Bridge Plan may be submitted at any time until the end of the plan period. They will be reviewed as they are received, and approval letters will be issued. The 2012 Technology Bridge Plans and approval letters will be posted to the MDE Website (address below) as they become available.

[View the approved 2008-11 Technology Plans, the 2012 Technology Bridge Plans and approval letters currently available on the MDE Website.](#)

The 2012 Technology Bridge Plans will be reviewed to determine if the LEA has made a good-faith effort to address updates to each of the five plan components. The attached 2012 Technology Bridge Plan Review Checklist will allow the reviewer to record if this good-faith effort has been made. If not, the LEA will be asked for specific clarifications in order to solicit the information needed for approval.

Please submit completed technology plans and related questions via e-mail to [mde.schooltechplan@state.mn.us](mailto:mde.schooltechplan@state.mn.us)



**2012 Technology Bridge Plan Cover Sheet**

<b>ORGANIZATION INFORMATION</b>	
<b>District/Agency/School (legal name):</b>	<b>NOBLE ACADEMY</b>
<b>District Number:</b>	<b>4171</b>
<b>Technology Plan Status</b>	<b>The district/agency/school has an approved 2008-11 Technology Plan:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<b>IDENTIFIED OFFICIAL WITH AUTHORITY INFORMATION</b>	
<b>Name</b>	NEAL THAO
<b>Title</b>	CEO/FOUNDER
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<b>TECHNOLOGY CONTACT INFORMATION</b>	
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## 2012 Technology Bridge Plan

**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.

Noble Academy has invested in technologies over the past three years which enhance teaching and learning beyond its budgeted plan as a result of funding, relocation and responding to on-line testing. Noble is faithfully responding to the staff development needs as a result thereof in its restructuring and implementation of professional learning communities under its quality-compensation agreement with MDE. Noble has procured two web-based programs (Study Island & Reading Eggs) through 2014 that align with Minnesota’s State Standards in reading and mathematics K-8. We are also using assessment technologies, teacher coaching and staff surveys to address a need to implement a combination of strategies including additional lab/space/computers access, additional technicians and alternate schedules. We will continue to evaluate our results to implement a long term solution with minimal disruptions as our student population continues to grow each year. Two needs are inevitable for Noble Academy to budget for the next two years: 1. Replacement of damaged and outdated equipment, and 2. Staff development as warranties and user agreements begin to expire.

### II. Goals and Strategies

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

Goal	Related Strategies
Provide staff with an online, standards-based technology assessment tool of math and reading	<ul style="list-style-type: none"> <li>• Purchase of Study Island through K-12 in math, reading, and science</li> <li>• Provide ongoing professional development in Study Island in professional learning communities</li> <li>• Provide data coaching and conferences with lead teachers to monitor usage and effectiveness for increasing student learning</li> </ul>
Provide a web-based curriculum mapping tool district-wide	<ul style="list-style-type: none"> <li>• Evaluate multiple products and select best tool for ISD 4171</li> <li>• Create three-year plan aligned to student results in K-12 curriculum</li> <li>• Collect assessment data and teacher created common assessments to develop customized curriculum</li> </ul>
Provide a PLC Blog web-based site for staff to reflect on teaching and learning	<ul style="list-style-type: none"> <li>• Provide staff an opportunity to build their own blogs and vote on one for common usage</li> <li>• Warehouse the blog data and postings categorizing them by the districts four mission’s cornerstones</li> </ul>

Offer opportunities for blended learning for social studies and language arts along with; P.E., Health, music, Hmong and art	<ul style="list-style-type: none"> <li>• Provide staff development in interdisciplinary curriculum and thematic units by design</li> <li>• Provide a web-based program for student assignments in all curricula</li> </ul>
Provide strategies for integrating technology throughout the curriculum	<ul style="list-style-type: none"> <li>• Scaffold lessons and teaching practices to make judicious decisions on technology usage</li> <li>• Map out curriculum for K-12 technology student competencies</li> </ul>
Provide staff and students with a new acceptable use policy	<ul style="list-style-type: none"> <li>• Update user acceptable use policy to include web-based programs, student login information, data privacy and address cyber bullying</li> <li>• Monitor student computer usage and access rights using safeguards</li> </ul>
Increase lab access	<ul style="list-style-type: none"> <li>• Create and monitor a computer lab schedule and usage agreement with teachers</li> <li>• Use data to inform teachers of program completion to increase usage as needed</li> </ul>
Designing effective in-service strategies	<ul style="list-style-type: none"> <li>• Using lead teachers in professional learning communities to set agendas in staff development</li> <li>• Evaluate lead teachers performance of coaching technology integration with 360 degree surveys</li> </ul>
Collect data on staff competencies	<ul style="list-style-type: none"> <li>• Provide an assessment of technology integration competency</li> <li>• Include technology integration in teacher observation and evaluation</li> </ul>
Collect data on staff needs	<ul style="list-style-type: none"> <li>• Survey Staff of technology professional development needs</li> <li>• Respond to staff needs in professional learning communities and/or teacher coaching</li> </ul>
Create confident/competent users of technology	<ul style="list-style-type: none"> <li>• Provide ongoing staff development in professional learning communities of multiple technologies to enhance learning</li> <li>• Provide an opportunities for teachers to present their competency in technologies in professional learning communities</li> </ul>
Provide mobile lab options for classroom use	<ul style="list-style-type: none"> <li>• Make laptop or responder systems transportable to other classrooms</li> </ul>
Provide web-based early literacy intervention programming	<ul style="list-style-type: none"> <li>• Purchase Reading Eggs for K-2</li> <li>• Provide Professional Development on Reading Eggs phonemic awareness program</li> <li>• Purchase Lexia for 2-8 reading intervention support for students in Special Education</li> </ul>

### **III. Professional Development Plan**

Briefly describe updates or additions to planned technology professional development.

- The technology annual assessment staff survey data will be used to re-evaluate staff development opportunities and how they are offered through PLC.
- Using Study Island and Reading Eggs along with other web-based technologies will provide on-demand staff development/power user certification competencies and coaching/mentoring support for all staff.
- Staff receive ongoing staff development in large and small group as well as individualized form PLC leaders throughout the year—who have been trained and demonstrated competency in all web-based programs, assessments and teaching technologies
- Special Education staff receive additional professional development in programs and technologies pertaining to their students through conferences and workshops
- District Assessment Coordinators receive professional development from MDE regarding online assessments through onsite workshops and webinars
- A graduate-level technology integration class sponsored by St. Mary's University is being developed to be offered in fall 2011 to staff and community members by district staff for optional graduate credit.

#### 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 and receive E-rate discounts.

	2010	2010	2011	2011	2012
	Budget	Actual	Budget	Actual	Budget
Equipment/Hardware	\$92,705	\$106,314	\$114,811	\$50,000	\$50,000
Technology Support Staff	\$37,132	\$40,000	\$37,132	\$45,000	\$45,000
Benefits	\$7,426	\$6,314	\$7,649	\$5,000	\$5,000
Maintenance	\$0	\$0	\$0	\$1,200	\$1,500
Telecommunications/Internet Access*	\$7,339	\$7,339	\$7,339	\$7,339	\$7,339
Web-Based Software	\$2,860	\$5,262	\$2,946	\$6,000	\$3,000
Staff Development	\$0	\$0	\$0	\$10,000	\$10,000

\*Intent to apply for E-rate discount to these services in 2011-2012, 2012-2013

#### V. Evaluation

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

We will continue to analyze and evaluate our technology plan and needs biannually. We will publish and invite other stakeholders to participate in the technology committee meetings which occur on the third Thursday of the month onsite from 8:00-9:00 a.m. in room 32. The purpose of the technology committee to review and respond to teachers, students, and families of Noble Academy's technological needs and prepare an annual technology needs assessment and audit for administration to review.

The technology committee conducts two surveys as part of their needs assessment. The first survey addresses the current technology skills and usage of staff and what skills or product difficulties need more training or attention from tech support. The second survey evaluates our current infrastructure, hardware, software and the efficiency of support staff.

The District Technology Committee along with the District data Management Team uses the above information to evaluate each area of the technology plan. The committee determines future needs and establishes new short and long term goals under the guidance and supervision of the Executive Director of Teaching and Learning.



**2012 Technology Bridge Plan Review Checklist**

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

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

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

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