PLAN TERM: Begins: July 1, 2010 Ends: June 30, 2013

The Applicant Agency*

Noah Webster Basic School - 078930000

(Name of Local Education Agency (LEA), i.e. School District, Consortium or Charter School submitting this plan. **If Consortium, list all members in the space below**)

Developing a comprehensive technology plan, based on the educational goals of the school system, will ensure that the most appropriate technologies are effectively infused in your instructional and/or administrative programs. Thorough planning also ensures that all parties have equitable access and achieve the greatest benefit from routine use of educational technology. The comprehensive technology plan should demonstrate clear targets for technology use, spell out desired goals for learners, create visions for future directions, build "buy-in" from stakeholders, and demonstrate to those who might provide funding that a district or charter holder is ready to act.

School Districts, Consortia or Charter Schools (LEAs) who apply for technology funding through any Federal grant program, are required to have developed a comprehensive, three-year to five-year plan, which outlines how the agency intends to utilize and integrate educational technology.

The applying agency (check all that apply)

X_____   is compliant with the provisions of the Children's Internet Protection Act (CIPA).

_____   will be CIPA compliant by this date. ____

_____   has applied for E-Rate Funding for FY 200_.

The LEA's comprehensive technology plan must be approved by the local governing board(s). (The plan must be approved by the local governing board before funds will be released.)

Date the plan was approved: _____

OR

Date the plan is to be submitted for board approval: __04/20/2011_____

Certified by:

_____

Signature of Authorized School System Agent (signed in blue ink) Date of Signature

_____

Printed Name and Title

Mail completed plan to: Arizona Department of Education, Technology Plans BIN 8, 1535 W. Jefferson, Phoenix, AZ 85007

LEA Profile

This information should provide a "snapshot" of your district and help planners and reviewers to understand areas of need.

LEA Profile	
LEA NAME: Noah Webster Basic School	
CTDS: 078930000	
NUMBER OF SCHOOLS IN LEA	1
NUMBER OF TEACHERS	39
NUMBER OF STUDENTS ENROLLED	1196
PERCENT OF STUDENTS ELIGIBLE FOR FREE/REDUCED LUNCH	480
TITLE I POVERTY LEVEL	40%
TEACHER / STUDENT RATIO	31:1
STUDENT / COMPUTER RATIO	6:1
NUMBER OF SCHOOLS IDENTIFIED AS EXCELLING	1
NUMBER OF SCHOOLS IDENTIFIED AS HIGHLY PERFORMING	0
NUMBER OF SCHOOLS IDENTIFIED AS PERFORMING AND PERFORMING PLUS	0
NUMBER OF SCHOOLS IDENTIFIED AS UNDERPERFORMING	0
BASED ON CENSUS TRACT INFORMATION, IS YOUR ENTITY RURAL OR URBAN	URBAN

District Technology Coordinator/Contact

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School District: Noah Webster Basic School	Fax #: 480-354-3490
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VISION AND MISSION STATEMENTS

Vision Statement

A vision statement expresses thoughts about what the LEA's future educational environment should look like. It should be written in broad terms and guide the development of the technology plan.

The school will acquire and implement technologies that can be integrated with the existing infrastructure and enhance the learning environment while enriching the students with opportunities to develop the full range of academic and problem solving skills to become lifelong learners, productive members of the employment workforce and proficient in the use of computers.

Mission Statement

A mission statement is a brief, general description of the LEA's plans for promoting the effective use of technology to improve student performance. The mission statement describes the step, in broad terms, that will need to be taken in order to achieve the LEA's vision.

It is the mission of the school to provide access to technology for all students with education experiences that are of the highest quality, relevant to the state standards, individualized and reflect the interests and abilities of the students.

TECHNOLOGY COMMITTEE

The Technology Committee should represent all stakeholders. Development of the technology plan and implementation of the plan should enable parents, educators, students and community members to benefit from the investment in technology and all should have representation on the committee.

LEA Technology Committee		
Member	**Title**	**Constituency Represented**
Terry Bright	IT Director	IT / Community Member
Vicki Dry	Business Manager	Administration
Kelly Wade	Principal	Principal / Parent
Mandy Geisler	Teacher	Teacher
Sharon Miller	Board Member	Governing Board

Long-term role of the Committee:
Write a description of the technology committee's role in developing, implementing, and evaluating the technology plan. This description should include how committee members were selected, and the role each is expected to play. Tentative plans for scheduling meetings for the next school year should also be included.

The long-term role of the Technology Committee will include:

- To focus on long term and short term goals to ensure compatibility with vision and mission statements.
- To plan for the development, implementation and expansion of technology.
- Monitor the implementation and expansion of technology to ensure goals are being achieved.
- To address policy and program issues that may create barriers to achievement of long term plan and to help resolve those issues.
- To investigate alternative ways to fund replacement of old technology and the purchase of new software.
- To review and revise the plan on a consistent basis.
- To hold an LEA meeting quarterly.

NEEDS ASSESSMENT

In this section you are to assess your LEA's current technology status in four categories: curriculum integration, professional development, equitable use of technology, and infrastructure and telecommunications services. Use the questions listed beneath each category to guide the assessment.

1. Describe student and programmatic needs that the agency plans to address through educational technology.

   a. Curriculum Integration
   Things to consider when evaluating your needs: The current curriculum strengths and weaknesses and the process used to determine these strengths and weaknesses, how student activities are being aligned to meet state standards, the current procedures for using technology to address any perceived curriculum weaknesses, how teachers integrate technology into their lesson - including ways technology is presently used for entire classroom and for small group instruction, and how students use technology -including ways students presently use technology for purposes beyond practice of skills.

Based on data acquired from the school family registration information, annual parent needs assessment and program evaluation, and identified student academic and non academic needs, the following student and program needs related to technology include:

- The ability to successfully search the internet for relevant content. This will require the students to be able to filter process and manage information acquired through this tool. Currently, all teachers and students have access to the internet.
- The hands on experience needed to use tomorrow's technologies to be prepared for tomorrows' jobs. This includes the ability to evaluate the overall impact of divergent technologies on society and individuals of that society.
- To develop unique skills to learn and adapt to the use of technology. This skill will help develop student skills including adaptability, flexibility, critical thinking and problem solving, collaboration and communication skills essential to future success. The student will also develop the ability to analyze solutions and present results. Ability to write with conciseness and precision. These are Fundamental writing skills required to communicate effectively via electronic communication.

- To develop learning styles, which will become more self directed and individualized.
- To develop the ability to access information/instruction sources outside the school, e.g. libraries.
- To enhance and expand student language acquisition opportunities.
- To provide LEA families with access to technology.

Program needs include:

- Network and connectivity that will permit students, teachers and administrators to streamline and effectively communicate within the school and outside agencies, schools and Government agencies.
- The ability to meet the equity in education issues which exist today. Available technology, which will expand teaching and learning and better serve diverse learning styles, will help solve this problem.
- Available technology, which will expand resources available to school population, including resources, which may be available for home use for the population which does not have home access.
- Technology to meet the needs of special education and all other special needs/at risk student populations.
- Program monitoring, evaluation and database collection systems for assessment of the use and improvement of technology in the school.

b. Professional Development
Things to consider when evaluating your needs: The process the LEA uses for assessing the technology professional development needs of teachers, administrators, and non-certified staff; the technology professional development activities that have been offered to teachers; and how will teachers be assessed to determine the effectiveness of the professional development activities.

Relevant training opportunities at a variety of skill levels are needed for professional development of technology related skills for school staff, teachers and administrators as a means to attract, develop and retain highly competent and effective staff. This will ensure that available technology is utilized to the maximum.

Activities needed include but are not limited to the following:
- Support attendance to conferences, workshops and seminars and use of on-line webinars and training courses.
- Provide school-based technology trainers and in house consultant support.
- Site-based in service to address specific training needs
- Develop collaborative projects with other learning institutions
- Find technology course applicable to teachers and advocate for participation in these programs.

Evaluation and needs assessment will include skills assessment in the use of the current technology resources and application to individualized instruction. They will also include observations and surveys of the staff, teachers and administrators.

c. Equitable Use of Technology
Things to consider when evaluating your needs: The availability of technology to students and staff in the district -- include in your description the types of assertive technology tools that are provided for students with disabilities where necessary/applicable. How much time is available for use of technology by students and staff?

Promoting equity in education is a priority for this school. It is essential that all students develop the skills needed to use the technology available as a tool to conduct research, analyze solutions, solve problems and present results. Basic technological networking capabilities have been established in each classroom, now we need to acquire computer equipment and networking hardware to take advantage of the networking infrastructure. It is assumed that by year 3 of the plan, students will be provided with and have equal access to hardware, software and the Internet.

The long-term goals of the plan are to enable the community, via telecommunications, access to school learning resources, classroom lessons/assignments and school information. As more assets are made available, curriculum can become more individualized and realigned. It will also allow for high achievers to work together with special needs students in order to solve real-life problems using the available technology. All student progress will be measured against the State of Arizona Technology and Academic Standards through the state and internal testing programs. Assistive technologies continue to be identified and used for disabled students.

The following matrix may be used to determine the extent technology is available to students and staff

	Few, if any have access	Access primarily in teacher work areas, offices, libraries, or computer labs	User has access to computer for individual use in classroom or office
Administrators		X	X
Teachers (academic)		X	X
Teachers (vocational)	N/A	N/A	N/A
Teachers (exceptional education)		X	X
Teachers (electives)	N/A	N/A	N/A
Students		X	80%
Students with disabilities		X	X
Non-certified staff		X	X

> **d. Describe the Infrastructure and Telecommunication needs.**
> Things to consider when evaluating your needs: the technology infrastructure of each school or a typical school in your district --explaining the type of data and video networking and Internet access that is available, the effectiveness of the present infrastructure and telecommunication services that have been provided by the district, and how E-Rate has allowed the district to improve or increase its technology infrastructure.

Noah Webster currently has a single, 100MB fiber network linking the six campus buildings together. The typical computer is a Pentium IV, running Windows XP with 256 mbytes ram. The internet connection for the school is of TI speed. This infrastructure is inadequate at this time to support the implementation of computers in the back of every classroom for use by students. The newest programs and applications for education require more processing speed and larger amounts of Randon Access Memory per system . The flow of data to the instructors and administrative staff could be greatly increased by installing 1 gigabyte fiber switches and 1 gigabyte network interface cards. The upgrading of several key teaching systems is also greatly needed. Dedicated server systems would ensure better data containment and bandwidth use for the entire network; this would greatly improve network resources and performance for the teachers, students and administrative staff of the school. Another way network performance can be dramatically increased is to split the network into two segments, known as administrative and academic subnets. Other areas that can be developed would be the introduction of wireless technology within the lab, wireless touch pads would allow groups of students to collaborate together in a more natural setting. This would bring us another step closer to allowing technology to assist in communicating instead of being isolated by it. With the addition of "Interactive Whiteboards", "a streaming media server" and the use of "LCD Projectors accompanied with laptops", students and teachers could hold presentations in front of the class or with other classes or schools, showing media clips and power points. Virtualization

could allow us to overcome some of the aforementioned issues and offer additional benefits in our current environment and therefore should be evaluated in terms of cost and ROI

     e. **Describe the administrative needs that the agency plans to address through technology.**
Things to consider when evaluating your needs: How administrative (certified and classified) staff use technology to include accessing data for decision making, SAIS reporting, communication tools, information gathering, and record keeping. Also include the professional development opportunities that are available to administrative staff.

To date Noah Webster Basic School has :
- Established a network that connects all five buildings on the new campus to the main administrative office and to instructional resources currently available.
- Through the network, we are currently providing internet connectivity and the ability to collect and access data from the student information systems to all teachers and administrative staff..
- Linked all classrooms in the school to the school office for information retrieval and dissemination purposes.
- Ability to utilize the AZ student accountability information system and other reporting systems allowing timely submission of attendance, budget and other information as required by ADE.
- Allowed for use of e-mail for instructional staff through established school wide e-mail systems to improve communication with all LEA employees.
- Implemented improvements to the school website allowing more interactive contact with the community.
- Implemented access control to external website providing educational information resources.
- Established the ability for employees to access business email from remote locations, i.e. Home
- Established the use of remote access for key individuals to work from home when appropriate.
- Established new security measures using new technologies for visitors to the school facilities.
- Increased levels of security awareness amongst employees, through school provided education programs such as the Identity theft course and training on password security issues and social engineering

Additional Administrative Technology needs include:
- Effective and cost efficient means for electronic access to all educational information resources, internal and external specifically related to:
  - Access speed in classrooms and offices
  - IT costs related to expanded student, staff, parent participation
  - Lower cost of home use systems
  - Expanded in-service training
  - Continuous introduction of quality curriculum resources
  - Increase in installation of multimedia computers into classroom and other instructional areas.
- Effective and efficient allocation of resources for essential technology support systems and personnel.
- Updating of software in order to provide appropriate information technology skills in alignment with Arizona department of Education technology requirements.
- To improve automatic accountability systems through electronic data collection, established data analysis, and wide area access to data information.

PLAN IMPLEMENTATION

LEA Technology Goals and Strategies

The goals listed below are the State Goals as identified in the State Technology Plan. The LEA technology plan should be aligned to the State Plan. The LEA may include any additional goals that apply to their technology plan.

1. **Goal:** Improve student academic achievement through the use of technology in elementary and secondary schools with a target of fully integrating technology into the academic curriculum by

December 2011.

District Objectives for Goal 1:
1. Maintain an infrastructure that enables students to meet and exceed individual, state and national standards.
2. Identification and acquisition of technologies that will be used to align curriculums, instructional practices and student learning assessment with state standards and school learner objectives.

Items that need to be addressed:
- *Describe how the LEA will ensure all students have educational opportunities to achieve academic success through proven strategies of researched based successful practices.*
- *Describe how the LEA will meet the Technology Education Standards of the Arizona Academic Standards.*
- *Describe how the LEA will support innovative practices that lead to increased student achievement especially supporting the AZ Reads Initiative.*
- *Describe how the LEA will provide resources that reflect scientifically based research and best practices focused on improving student achievement.*
- *Describe how the LEA will encourage the development and utilization of innovative strategies for the delivery of specialized or rigorous academic courses and curricula through the use of technology. Include any plans to promote technology-based distance learning opportunities to meet the educational needs of those who have limited access to such courses and curricula due to geographical isolation or insufficient resources.*

Objective	Strategy	Accountability Measure	Timeline (Task % Done /Year)
Maintain an infrastructure that enables students to meet and exceed individual, state and national standards.	Continue to acquire and implement technologies, which include technological advances that will either replace or interface with future technologies without disruption to the system in its entirety.	These determinations will be made with the assistance of qualified technology service institutions, consultants and the planning committee.	100%- 2015
Identification and acquisition of technologies that will be used to align curriculums, instructional practices and student learning assessment with state standards and school learner objectives.	With the help of qualified technology service providers, consultants, on-line sources, and information provided by the Arizona Department of Education, identification of state aligned technologies will be made and acquired as budget permits	Evaluation will be ongoing and outcomes based related to indicators of school improvement in instructional delivery, integration of the technology into the teaching learning process across all curricular areas, student test scores and indicators of student mastery of the state standards and school learner objectives.	100%- 2015

2. **Goal:** Ensure that quality teachers, staff, and administrators are involved in Arizona educational institutions and that they are proficient in the use and integration of technology through professional development activities.

District Objectives for Goal 2:
1. Encourage attendance to conferences, workshops and seminars and use of on-line webinars and training courses for staff development programs
2. Provide school-based technology training and in house technology support via the LEA

Items that need to be addressed:
- *At least 25% of federal funds will be allocated to professional development.*
- *Describe how the LEA will provide all teachers, staff, principals, administrators, and school library personnel incentives to become technologically competent.*
- *Describe how the LEA will provide specific research-based professional development opportunities to all staff.*
- *Describe how the LEA will utilize a competency self-assessment instrument, such as MyCompass, that includes recommendations for professional development.*
- *Describe how the LEA will provide specific professional development opportunities to all staff that provides background on the research connecting student achievement and the use of technology.*

Objective	**Strategy**	**Accountability Measure**	**Timeline (Task % Done /Year)**
Encourage attendance to conferences, workshops and seminars and use of on-line webinars for staff development programs	Through grants such as Title II, professional development will be enhanced by tuition reimbursement programs and professional training programs that focus on technology	Teacher evaluation will include skill assessment in use of the technology resources and application to individualized instruction and student centered teaching activities. Evaluations will include observation, assessments, survey and analysis of student data.	100% - 2015
Provide school-based technology training and in house technology support via the LEA	Utilize technology service providers to align training to those areas recommended for professional development after self assessment and evaluation.	Continuous re-evaluation, teacher, student, parent surveys and input will be a consistent part of ongoing accountability measures. Summative evaluations will come at the end of each quarter with reports to the Tech committee and the Board as to improvements	100% - 2015

3. **Goal:** Ensure that all K-12 educational institutions have the capacity, infrastructure, staffing, and equipment to meet academic and business needs for effective and efficient operations.

District Objectives for Goal 3:
1. Provide ongoing system evaluation, support, maintenance and upgrades to ensure effective and efficient operations.
2. Minimize obsolescence and maximize interoperability of existing and future technology.

Items that need to be addressed:

- *Describe how the LEA will ensure that all facilities meet minimum standards of technology infrastructure and hardware placement.*
- *Describe how the LEA will ensure continued maintenance and support of existing technology and networking.*
- *Describe the specific provisions the agency intends to make for the interoperability of the technologies. (Interoperability is the capability of the technology to be acquired to function compatibly with technologies that exist or will be acquired in the near future at the local and state level).*

Objective	Strategy	Accountability Measure	Timeline (Task % Done /Year)
Provide ongoing system evaluation, support and maintenance and upgrades to ensure effective and efficient operations	Provide in-house service to meet site-specific needs and system/network support. With the use of In-house service and technology service providers, establish a system continuously monitor and improve policies and procedures that will ensure the most effective and efficient acquisition distribution and utilization of funds used for technological development.	Program evaluations and yearly assessment of progress toward achieving goals will include a review of support and maintenance issues addressed during the year as well as recommendations from both in-house and contracted service providers.	100% - 2015
Minimize obsolescence and maximize interoperability of existing and future technology	The school will continue to acquire and implement technologies, which include technological advances that will either replace or interface with future technologies without disruption to the total system. These determinations will be made with the assistance of qualified technology service institutions, consultants and the planning committee. The school will consider Application Service Providers for effective and efficient on-line systems management and integration of all technological resources into the school administrative curricular, and instructional programs.	Program evaluations and yearly assessments of progress toward achieving progress goals will include an examination of interoperability issues, which have occurred or could occur in the future.	100% - 2015

4. **Goal:** Ensure that all K-12 institutions will be positively involved in collaboration and

partnerships that are supportive of technology use and curricular integration. (*LEAs will be required to publish report cards that provide school performance information to parents. Children in failing or unsafe schools will have the opportunity to attend better public schools.*)

District Objectives for Goal 4:
1. Ensure the effective use of technology to promote parental involvement and increase communication with parents.
2. Continue to maintain and update a school web page to allow information about the school and its programs to be available to parents and the community.
3. Continue to research new proven ways of using technology to create a safer school environment.

Items that need to be addressed:
- *Describe how the LEA will make facilities available to the community as appropriate to support life long learning possibly through site councils.*
- *Describe how the LEA will establish Adult Literacy Connections.*
- *Describe how the LEA will encourage innovative practices to support equity.*
- *Describe how LEA will explore the use of technology to create safer school environments without infringing on human rights.*
- *Describe how the LEA will ensure the effective use of technology to promote parental involvement and increase communication with parents. Include a description of how parents will be informed of the technology being used in their child's education so that parents, outside of school, are able to reinforce the instruction their child receives.*

Objective	Strategy	Accountability Measure	Timeline (Task % Done /Year)
Ensure the effective use of technology to promote parental involvement and increase communication with parents.	Through the use of internet, email and the school network, teachers, student and parents will be able to have 24 hour restrictive access to the informational sources that provide best practice, and exchange strategies and ideas which have been found to promote exemplary student achievement. For parents, 24 hour restrictive access to the school network, teacher work stations and available curriculum and instructional information sites through the internet, has the potential for consistent communication when the doors of the school are closed.	Quarterly assessment of parental access and participation.	100% - 2015
Continue to maintain and update a school web page to allow information about the school and its programs to be available to parents and the community.	Update the school website on a regular basis as needed. Include information on available technology that is accessible on the web site and through the school newsletter.	Measure access by community, parents and students.	100% - 2015

Continue to research new proven ways of using technology to create a safer school environment.	Programs such as 'Bully Prevention' will be accessible through school Network and the Web Site. In addition, continue to maintain a CIPA approved environment.	Use web filter reporting tools to monitor internet security breeches and continue to assess Bully Prevention programs by the number of cases being referred.	100% - 2015

5. **Goal:** Ensure that all K-12 resources are available for all students, regardless of race, ethnicity, income, geographical location, or disability, so they can become technologically literate by the end of eighth grade and achieve their academic potential.

District Objectives for Goal 5:
1. It is essential all students develop the technology skills needed to use the technology available as a tool to conduct research, analyze solutions, solve problems and present results.
2. Allow for high achievers to work together with special needs students in order to solve real-life problems using the available technology.

Items that need to be addressed:
- *Describe how the LEA will ensure that students with special needs will have those needs addressed through technology.*
- *Describe how the LEA will encourage innovative practices to support equity.*
- *Describe how the K-8 LEA will ensure that all students will become technologically literate by the end of eighth grade or how the 9-12 LEA will ensure that all students maintain or increase their technology literacy and achieve their academic potential.*
- *Describe how the LEA will ensure equal access to all students, teachers, staff, and administrators.*

Objective	**Strategy**	**Accountability Measure**	**Timeline (Task % Done /Year)**
It is essential all students develop the technology skills needed to use the technology available as a tool to conduct research, analyze solutions, solve problems and present results.	By providing computer equipment that utilizes existing networking technologies in each classroom, all students and staff will be provided with and have equal access to hardware, software and the Internet.	All student progress will be measured against the State of Arizona Technology and Academic Standards through state and internal testing programs.	100% - 2015
Allow for high achievers to work together with special needs students in order to solve real-life problems using the available technology.	Provide access to school learning resources, classroom lessons/assignments and school information. As more assets are made available, curriculum becomes more individualized and realigned.	All student progress will be measured against the State of Arizona Technology and Academic Standards through the state and internal testing programs.	100% - 2015

6. **Goal:** Develop a continuous process of evaluation and accountability for the use of educational technology as: a teaching/ and learning tool, a measurement and analysis tool for student achievement, and a fiscal management tool. (*Information technology initiatives will dramatically reduce the data collection burden on state and local officials by seamlessly collecting and disseminating performance information. Increased flexibility will be a core principle incorporated in all legislative proposals.*

District Objectives for Goal 6:
1. Conducts process evaluation to review the implementation of benchmarks to determine if the technology infrastructure and usage is being implemented in the timeframe envisioned.
2. Conduct Summative Evaluation at the end of the plan to determine what impact was made on student performance, how well the project was implemented, and what successes and challenges occurred and how they were met.

Items that need to be addressed:
- *Describe how the LEA will evaluate and make changes to this plan on a yearly basis.*
- *Describe how the LEA will allow students to take on-line tests when available that facilitate their involvement and compilation of results information.*
- *Describe how the LEA will provide professional development to enable teachers and administrators to use data from state mandated tests productively for students (data driven decision making).*
- *Describe how the LEA will create or maintain/improve electronic resources to improve service to the state and ensure administrative needs are addressed and solutions developed.*
- *Describe how the LEA will implement technology initiatives to improve student achievement.*

Objective	**Strategy**	**Accountability Measure**	**Timeline (Task % Done /Year)**
Conducts process evaluation to review the implementation of benchmarks to determine if the technology infrastructure and usage is being implemented in the timeframe envisioned.	Progress evaluation will include a review of the implementation process and timeline to determine the extent to which the technology planning committee will conduct verbal and written surveys of teachers, administrators and support staff and parents to collect data on use of the technology resources including usage of email and Internet.	Successes and problem issues will be identified and incorporated as part of the on-going technology planning and implementation process. The data collected by the surveys and monitoring will be given to the Technology Planning Committee to be evaluated at the quarterly meetings.	100% - 2015
Conduct Summative Evaluation at the end of the plan to determine what impact was made on student performance, how well the project was implemented, and what successes and challenges occurred and how they were met.	Year end student test scores will be reviewed both internally and compared to other schools. The Technology Committee will review and evaluate implementation timeline and present the results to the governing board at a public meeting, including Recommendations for future planning and resolution of problem area.	Communications with the community served will be a critical part of the year end evaluation. Parents, students and community members will be surveyed to determine the level of knowledge about the technology use at the school, and the impact of technology on improvement of the teaching learning process. The results of the survey will be reported to the school-community	100% - 2015

In the following table, copy and paste at least seven to eight goals listed in the above tables for Goal 1 through Goal 6 to address how you will evaluate the goals you select. E-Rate requires that mid-course evaluation of program goals be done each year and this table meets that requirement.

Tech Plan Goals	Evaluation Question(s)	Evaluation Strategies	Responsible party/parties	Timeline (Task % Done/Year)	Evaluation Check Points for mid course corrections.
Identification and acquisition of technologies that will be used to align curriculums, instructional practices and student learning assessment with state standards and school learner objectives.	student scores and teacher assessments	A+ performance and Computer Lab testing by teachers	Teachers	100% - 2015	Through DIBELS, A+ and teacher assessments additional help in areas of difficulty can be addressed as well as technology areas that need improvement
Continue to maintain and update a school web page to allow information about the school and its programs to be available to parents and the community	Parent Questionnaire regarding the usefulness of the Web Site and possible improvements	Monthly review to insure that all necessary information is posted correctly and all links are still active and available	IT Director, and administration	100% - 2015	Evaluation Check Points will occur monthly or sooner if needed to assess the information being presented on the Web Site
Provide school-based technology training and in house technology support via the LEA	Staff Questionnaire and IT Director Assessment of individual daily use.	On-going evaluations while the technology is being used such as Outlook, United Streaming, Dibels, A+, Schoolmaster and Gradebook	School Director, IT Director and Lead Teachers	100% - 2015	Evaluation Check Points will be ongoing due to additional technology availability and new use

Ensure the effective use of technology to promote parental involvement and increase communication with parents.	Parent Questionnaire and Teacher assessment of individual parent participation	Through the use of internet, email and the school network, teachers, student and parents will be able to have 24 hour restrictive access to the informational sources that provide best practice, and exchange strategies and ideas which have been found to promote exemplary student achievement.	School director, IT Director, IT Instructor, Teachers and Parents	100% - 2015	Evaluation Check Points will be ongoing due to the changing needs of parents for additional information and participation
Conduct Summative Evaluation at the end of the plan to determine what impact was made on student performance, how well the project was implemented, and what successes and challenges occurred and how they were met.	Communications with the community served will be a critical part of the year end evaluation. Parents, students and community members will be surveyed to determine the level of knowledge about the technology use at the school, and the impact of technology on improvement of the teaching learning process. The results of the survey will be reported to the school-community	Year end student test scores will be reviewed both internally and compared to other schools. The Technology Committee will review and evaluate implementation timeline and present the results to the governing board at a public meeting, including Recommendations for future planning and resolution of problem area.	IT Director, School Director, IT committee	100% - 2015	Summative Evaluations will be conducted yearly to allow for adjustment to the plan.
It is essential all students develop the technology skills needed to use the technology available as a tool to conduct research, analyze solutions, solve problems and present results.	All student progress will be measured against the State of Arizona Technology and Academic Standards through state and internal testing programs.	By providing computer equipment that utilizes existing networking technologies in each classroom, all students and staff will be provided with and have equal access to hardware, software and the Internet.	Teachers, IT Director, IT Committee	100% - 2015	Evaluations will be conducted quarterly

| Provide ongoing system evaluation, support and maintenance to ensure effective and efficient operations | Program evaluations and yearly assessment of progress toward achieving goals will include a review of support and maintenance issues addressed during the year as well as recommendations from both in-house and contracted service providers. | Provide in-house service to meet site-specific needs and system/network support. With the use of In-house service and technology service providers, establish a system continuously monitor and improve policies and procedures that will ensure the most effective and efficient acquisition distribution and utilization of funds used for technological development. | School Director, IT Director, Business Manager & Outside Technical assistance | 100% - 2015 | Evaluations will be ongoing with daily system checks to ensure seamless operations as well as periodic technology audits by outside technical assistance. |

7. **Goal:** Develop a schema of current and future financing requirements to support the LEA's Technology Plan. (*The national strategic plan focuses on performance. It states in unambiguous language the measurable goals and objectives the department intends to achieve. It creates the base of an accountability system for the State and all LEAs, as it works to imbue accountability throughout the nation's education system.*)

Items that need to be addressed:
- *Describe how the LEA will meet current and future funding requirements to support plan implementation.*
- *Describe how the LEA will develop policies and procedures related to maintenance of hardware, software, infrastructure and security.*
- *Describe how the LEA will meet current and future funding requirements to keep the technology current.*

Objective	**Strategy**	**Accountability Measure**	**Timeline (Task % Done /Year)**
Coordinate Technology funds with other grant funds available for technology from State local and national resources.	Coordinate the use of Title I funds for purchase of software and hardware, as the grant allows. Use Title II funds to provide staff development. Obtain additional technology funding from sources such as: Application for other grants, partnership with corporations colleges, donations and planned fund raising development, planned technology budgeting-M & O.	Any funds received through these resources will not duplicate or replace services and technologies received through the Ed Tech Grant. They will be used to provide additional or upgrade equipment and additional staff development. All funding sources will be use to enhance additional system acquisitions and to maintain system sustainability.	100% - 2015
Identify all available resources available technology development and	To ensure success of this plan, the school will secure funds from various sources	Any funds received through these resources will not duplicate or replace	100% - 2015

implementation.	including but not limited to Title I and Title II, Maintenance and operation budgets and any other available federal/state/foundation grants. The school will develop a consistent funding process for technology, i.e. technology funding will be a standard feature of each fiscal year budget.	services and technologies received through the Ed Tech Grant. They will be used to provide additional or upgraded equipment and additional staff development. All funding sources will be used to enhance additional system acquisitions and to maintain system sustainability.	
Provide future funding for sustainability.	To ensure success of this plan, the school will secure funds from various sources including but not limited to Title I and Title II, Maintenance and Operation budgets and any other available federal/state/foundation grants. The school will develop a consistent funding process for technology, i.e. technology funding will be a standard feature of each fiscal year budget.	Success will be measured by the number of resources obtained in the future for development and implementation of the plan.	100% - 2015

STRATEGIES FOR FINANCING TECHNOLOGY

In this section, provide information as to how the LEA will fund the goals, objectives, and strategies detailed in the previous sections in the first table. In the second table, provide information of when the supporting resources will be acquired.

Supporting Resources:

> *Things to consider*:
> - *What supporting resources and services do you already have available that effectively leverage and expand your technology investment? Where are the gaps?*
> - *What untapped community resources are available that can provide hands-on support of technology-enhanced learning? For example, are there local institutions of higher education that can help investigate alignment of proven practices for technology integration and the methods used at your school or district?*
> - *Does your school or district expect and provide the structures that encourage technology and curriculum coordinators to plan together so that software, services, and resource acquisition link directly to current curriculum priorities? Are there particular supporting resources that can assist in this sort of ongoing collaboration?*

Source	Amount	Period Available	Status	Purpose and Restrictions	Amoun
Fund Raising/Donations	$15,000	Ongoing	Ongoing	Assist with the technology plan	
Other Grants	$1,181	2011	To begin upon 2011grant approve	Assist with the technology plan	
M&O	$92,000	Ongoing	Ongoing	Software, Hardware, Connectivity	
NCLB Title I & Title II	20000	Through 2011	To begin in 2010 and be finalized in 2011	Training for Teachers and para professionals	
IDEA ARRA	15000	2011	Ordered in March 2011	Image Runner	

Use the following table to describe the supporting resources for the technologies to be acquired that the agency plans to use during each year of the plan.

	Year 1	Year 2	Year 3
Connectivity/Infrastructure	4000	4000	4000
Hardware	32,000	10000	10000
Software	12381	10000	10000
Interoperability	1000	1000	1000
Curriculum Integration	5000	1000	1000
Evaluation	1000	1000	1000
Professional Development	20000	20000	20000
Technical Assistance	500	500	500
Support and Maintenance	65000	65000	65000
Training/Conferences	2300	1000	1000

Technology Funding Sources and Costs

ANNUAL BUDGET SUMMARY   YEAR 2011

NOTE: DUPLICATE THIS PAGE FOR EACH YEAR AS NEEDED

List the technologies and professional development opportunities to be acquired during each year of the agency's plan.

Note: At least 25% of the funds allocated to an LEA through the *ED Tech Program*, must be allocated for professional development activities.

Choose ONLY those technologies and professional development opportunities for which the agency has reasonable expectations of funding through local, state or community resources and that are not solely dependent on monies provided by the *Ed Tech Program.*

Place the cost of these technologies and professional development opportunities in the appropriate column(s) from which the agency intends to take the funds.

4.   Remember to transfer the items listed in column one (Acquired Technologies) and column two (*Ed Tech* Cost) to ADE Form 9702 and the Budget Components Report pages in th**Bond/**
errie Application.

Acquired Technologies And Professional Development	Ed Tech ARRA	Ed Tech Formula/ Title II-D	M&O	IDEA ARRA	Capital	Title I ARRA	NCLB	Other Donations
Computers			2000					15000
Software (Learning Systems; MainBoss)		881	11500					
Training(Grade Book, Outlook, Schoolmaster, A+, Powerpoint)		300	2000				20000	
Connectivity-QWEST, Integra			4000					
Interoperability, Support & Maintenance, Technical Assistance and Evaluation			67500					
Curriculum Integration			5000					
Image Runner				15000				
TOTAL		1181	92000	15000		0	20000	15000

Technology Funding Sources and Costs

ANNUAL BUDGET SUMMARY YEAR __2012__

NOTE: DUPLICATE THIS PAGE FOR EACH YEAR AS NEEDED

List the technologies and professional development opportunities to be acquired during each year of the agency's plan.

Note: At least 25% of the funds allocated to an LEA through the *ED Tech Program*, must be allocated for professional development activities.

Choose ONLY those technologies and professional development opportunities for which the agency has reasonable expectations of funding through local, state or community resources and that are not solely dependent on monies provided by the *Ed Tech Program*.

Place the cost of these technologies and professional development opportunities in the appropriate column(s) from which the agency intends to take the funds.

Remember to transfer the items listed in column one (Acquired Technologies) and column two (*Ed Tech* Cost) to ADE Form 9702 and the Budget Components Report pages in the Application.

Acquired Technologies And Professional Development	Ed Tech Competitive	Ed Tech Formula/ Title II-D	M&O	Bond/ Override	Capital	E-Rate	NCLB	Other (Specify) donations
Infrastructure/Connectivity			4000					
Computers, LCD projectors, Upgrades								10000
Software Upgrades-Schoolmaster, Peachtree, A+. Filters			5000					5000
Interoperability, Curriculum Integration-Upgrade on Video Projector system and front office security check in			3000					
Training & Evaluation			1000				20000	
Technical Support & Maintenance			65500					
TOTAL			78500				20000	15000

Technology Funding Sources and Costs

ANNUAL BUDGET SUMMARY   YEAR __2013____

<u>NOTE: DUPLICATE THIS PAGE FOR EACH YEAR AS NEEDED</u>

List the technologies and professional development opportunities to be acquired during each year of the agency's plan.

Note: At least 25% of the funds allocated to an LEA through the *ED Tech Program*, must be allocated for professional development activities.

Choose ONLY those technologies and professional development opportunities for which the agency has reasonable expectations of funding through local, state or community resources and that are not solely dependent on monies provided by the *Ed Tech Program*.

Place the cost of these technologies and professional development opportunities in the appropriate column(s) from which the agency intends to take the funds.

Remember to transfer the items listed in column one (Acquired Technologies) and column two (*Ed Tech* Cost) to ADE Form 9702 and the Budget Components Report pages in the Application.

Acquired Technologies And Professional Development	Ed Tech Competitive	Ed Tech Formula/ Title II-D	M&O	Bond/ Override	Capital	E-Rate	NCLB	Other Donation
Infrastructure/Connectivity			4000					
New Computers; LCD projectors, Smart Boards, Video system Upgrades								10000
Software Upgrades- Schoolmaster, Windows Peachtree, A+. Filters			5000					5000
Interoperability, Curriculum Integration-			3000					
Training & Evaluation			1000				20000	
Technical Support & Maintenance			65500					
TOTAL			78500				20000	15000

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ACCOUNTABILITY AND EVIDENCE OF ACCOMPLISHMENTS

List the people and activities developed to monitor progress and accountability in implementing the technology plan.

Things to consider:
- *What set of evaluation questions will most effectively yield answers to whether and how your district needs were addressed through funding provided by the grant?*
- *What evaluation strategies (e.g., interviews, questionnaires, classroom observations, teacher-driven action research projects, analysis of student products or scores) will most effectively provide the data needed to address your evaluation questions?*
- *When addressing accountability measures, what is the quality, reach, and impact of your project's work?*

Noah Webster Basic School has put together a committee consisting of the IT Director, School Director, NCLB Coordinator, Business Manager, Board Member, and teachers from each grade level. This group has implemented an on-line questionnaire for all staff regarding their current technological abilities, their at home availability to technology and their special areas of interest. This has been the starting point for many of our in-house trainings as well as our baseline for new technology additions. Progress is monitored through classroom observations, analysis of student scores and presentation of teacher assignment completions.

With these evaluations we feel that we are better able to measure our technology plan and its relationship to increasing test scores and overall accountability. These measures provide a direction for our committee while assessing our overall plan. Our current Technology plan has been very successful in individual student assessment (A+) and DIBELS, the availability of multiple resources (internet, Cox, Video system), accurate reporting (Schoolmaster & Peachtree), Safety (In-house video security, bus video system and Easy Lobby) and operational ease due to interconnectivity between all school buildings and classrooms.

COORDINATION AND ALIGNMENT OF LOCAL FUNDS

In this section, describe how your district/charter coordinates or aligns the other federal, state and local funds and with district/charter consolidated plans and/or individual schools' School Improvement Plans.

Noah Webster Basic School looks to NCLB grants for much of the training that is ongoing for our teaching and paraprofessional staff. Through the 2010 ARRA grants in Title I and IDEA, both SPED and Title I can be updated according to plans. With fund raisers and donations we are working to provide some of the computer hardware that is necessary to go forward with our plan. The remaining needs, currently need to be funded from M&O as allowable. As our poverty level declines and our NCLB grants decrease in funding amount, there will be a greater strain on M&O. That is the reason we have implemented a "Grant Search" committee in coordination with our Technology committee to look for any other applicable grants that may help fund future technology requirements.

TECHNOLOGY PLAN RESOURCES

Websites in Support of Arizona's Technology Plan and Resources to Assist with Completing a Technology Plan

Arizona Department of Education, Technology Support
http://www.ade.az.gov/technology/

Research based results to be shared during the course of the plan's implementation
http://www.ed.gov/nclb/research/

Arizona Department of Education, Technology Curriculum
http://www.ade.state.az.us/state_tests_acad_stds.asp

Nov 26, 2001 Accountability Program
http://www.ade.state.az.us/services/pio/press-releases/2001/pr11-26-01.asp

March 7, 2002 Accountability Report
http://www.ade.state.az.us/services/pio/press-releases/2002/pr3-07-02.asp

Arizona School Facilities Board (standards for infrastructure, hardware and software)
http://www.sfb.state.az.us/sfbmain/core_home.asp

Arizona Education and Technology Alliance (professional association)
http://www.aztea.org

Arizona Educational Media Association (professional association)
Arizona Association of School Business Officials
http://www.asbointl.org/

Arizona K-12 Center Administrative Grant
http://www.sfb.state.az.us/sfb/sfbdoc/announcements/AzK12_brochure.pdf

COPI reference to support for mentor model
http://www.seattleschools.org/area/it/studies.xml

Evaluation and Research of Educational Technology -
http://www.ed.gov/technology/evaluation.html

South East Initiatives Regional Technology in Education Consortium
http://www.seirtec.org/

ISTE International Society for Technology in Education
http://www.iste.org

NOTE: For information on developing an acceptable use policy, visit
http://www.netc.org/tech_plans/aup.html