

North Boone CUSD #200
Technology Integration Plan Summary
2011-2014

The Technology Integration Plan (TIP) is a required document to be completed by school districts. This plan includes an analysis of all pertinent data including report card data (ISAT and demographic information), local assessment data (AIMsweb, MAP), census data, educator qualifications and professional growth and development data (surveys), parent/community involvement and technology deployment data (surveys and an inventory of all technology hardware, software, and related equipment). Based on conclusions made from data summaries and analysis, strategies and activities were developed to support the achievement of our primary goal encompassing 2011-2014.

Goal: All students will move from 79.3% in reading and 82.2% in math to 92.5% in 2012, 92.5% in 2013, and 100% in 2014 or make Safe Harbor as measured by ISATs and PSAEs with the support of technology.

Curriculum and Instruction Strategy

Technology will be infused in student learning

YEAR	ACTIVITY
1	Students in grades K-10 use AIMsweb or MAP testing for assessment, progress, monitoring, and identification of students for intervention including targeted subgroups
1	Students use technology-based interventions to improve reading and math.
1	Students use technology to demonstrate mastery of standards.
1	Student demographic information will be completed for the purposes of disaggregating local assessment data.
1	Students will use the internet for research and classroom projects.
2	Students in grade K-10 participate in AIMsweb or MAP testing for the purposes of assessment, progress monitoring, and identification of students for intervention including targeted subgroups.
2	Students use technology-based interventions to improve reading and math
2	Hispanic students will use specific strategies as researched by staff to improve reading on ISAT and PSAE.
2	Students will continue using the Internet for research and classroom projects.
3	Students in grades K-1- will use tools such as AIMsweb or MAP testing for assessment, progress monitoring, and identification of students for intervention including targeted subgroups.
3	Students use technology-based interventions to improve reading and math.
3	Students use technology to demonstrate mastery of common core state standards.
3	Students will continue to use the internet for research and classroom projects.

Professional Development Strategy

Staff will be trained to effectively use district technologies

YEAR	ACTIVITIES
1	One staff in-service day will be devoted to showcasing and sharing innovative technology and applications to enhance student learning.
1	Early release day will be used to examine the state core curriculum to identify gaps in technology application.
1	The Language Arts committee will use technology application standards to design activities that support classroom learning.
1	Teachers will collaborate to analyze student data and will implement curricular suggestions
1	Staff will be trained on specific remediation strategies to improve Hispanic subgroup reading skills
1	Teachers will research effective strategies utilizing technology for use with ELL students.
2	Collaborative time among staff to share new innovations and to analyze electronic student assessment data will be supported.
2	Staff will complete a technology needs assessment and professional development survey.
2	Results of the needs assessment and survey will be evaluated.
2	Staff will research strategies to use to improve reading with the Hispanic subgroup.
3	Collaborative time among staff to share new innovations and analyze data from electronic student assessments will be supported.
3	The technology team will make recommendations for professional development based on results of 2012-13 staff survey and needs assessment.
3	Staff will complete a technology needs assessment and professional development survey.

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Parental/Community Involvement Strategy

District will upgrade website to improve the delivery of timely information to parents.

YEAR	ACTIVITY
1	The tech team will gather information to begin to develop a framework for new website design.
1	The tech team will develop and test a new website.
1	A new website will be rolled out for parents, staff, and community.
1	At the annual back to school ELL parent meeting, we will introduce families to ways in which the district communicates and provide an introduction to classroom technology.
1	Information contained on the district's website will be available in Spanish.
1	Staff will continually check and update parental email addresses to facilitate communication between the district and parents.
2	Parents will complete a technology interest survey which will be available in both English and Spanish.
2	The district will evaluate survey results.
2	The district will engage in planning activities to design access and class options for parents in both English and Spanish.
2	The district will work with community organizations and adult literacy providers to plan technology classes for adults.
2	Staff will develop a plan for offering affordable technology (cycled out from the district) to low income and Hispanic families.

2	Staff will continue to update parental email addresses to facilitate communication between the district and parents.
3	Staff will determine fee schedule for technology training options.
3	Staff will design parameters for course offerings and access.
3	Implement technology classes and expanded access.
3	Implement program of offering affordable technology to low income and Hispanic families.
3	Staff will continue to update parental email addresses to facilitate communication between the district and parents.

Technology Deployment Strategy

Instructional technology and telecommunication purchases, software, and subscriptions will be coordinated and evaluated.

YEAR	ACTIVITIES
1	Equipment such as interactive whiteboards and peripherals, document cameras, and hand-held computing devices will be purchased.
1	Software and subscriptions will be maintained to support classroom instruction and the RtI process.
1	Maintain or upgrade existing wide area network links to connect outlying schools to the main campus at 100Mb/Sec or better.
1	Maintain or upgrade existing connections to provide internet access for administrative and instructional activities at a combined 50Mb/Sec or better.
1	Analyze existing telecommunication services to explore functionality for direct dialing within the district.
2	Equipment such as interactive whiteboards and peripherals, document cameras, and hand-held computing devices will be purchased.
2	Software and subscriptions will be maintained to support classroom instruction and the RtI process.
2	Hire a permanent district technology coordinator.
2	Maintain or upgrade existing wide area network links to connect outlying schools to the main campus at 100Mb/Sec or better.
2	Maintain or upgrade existing connections to provide internet access for administrative and instructional activities at a combined 50Mb/Sec or better.
2	Maintain or upgrade existing telecommunications services including standard telephone circuits, direct inward dialing, and long-distance service.
3	Equipment such as interactive whiteboards and peripherals, document cameras, and hand-held computing devices will be purchased.
3	Software and subscriptions will be maintained to support classroom instruction and the RtI process.
3	Maintain or upgrade existing wide area network links to connect outlying schools to the main campus at 100 Mb/Sec or better.
3	Maintain or upgrade existing connections to provide internet access for administrative and instructional activities at a combined 50Mb/Sec or better.
3	Maintain or upgrade existing telecommunications services including standard telephone circuits, direct inward dialing, and long distance service.