Campus Technology Integration Plan

McKinney Boyd High School

2012-2013

Executive Summary

The Current Environment regarding the use of technology on campus us based upon six objectives:

1. Bring your own device
2. Classrooms should be enhanced to encourage students to be more engaged using technology
3. Students will be safe and responsible digital citizens (including recognizing and reporting cyber-bullying, avoiding online predators targeting adolescents, ID theft, etc.)
4. Students will be responsible and individually censor their content of the internet appropriately.
5. Students will be digitally literate involving theft, copyright protection and the law.
6. Students should protect hardware and software from unwanted damage.

There were two objectives that had less than 70% utilization for the 2012-2013 year: 1B - Cloud Computing; and 6Aii – Teach teachers how to monitor and what to look for in a computer lab that might harm the hardware or software.   1B failed to meet 70% based upon the observation that most students did not know how to access or use their Microsoft accounts. 6Aii failed to meet 70% based upon the number of technology requests that had to be submitted for computer labs and the library.

Moving forward to the Future EdTech Environment, there were seven goals added.

1. Global Awareness
2. Collaboration
3. Civic Literacy
4. Systems Thinking
5. Information Literacy
6. Media Literacy
7. Technology Literacy

These holistic goal topics were added based upon the Partnership for 21st Century Skills (www.p21.org) in an effort to more effectively manage the integration of technology into curriculums. Several of the objectives within different topics overlap and reinforce the others.

Campus Vision

We believe that …
- All individuals are born with inherent value.
- Personal relationships and connections are vital to learning.
- All individuals deserve an environment that is conducive to mental, physical and spiritual growth.
- Honesty, integrity and trust are imperative.
- Individuals need to feel safe and secure.
- Embracing diversity enhances every individual's experience.
- Choices enhance the opportunity for success.
- Excellence is a never ending journey requiring passion and purpose.
- Education is a shared responsibility; learning is an individual's responsibility.
- A progressive education is relevant, adaptable and vital to a sustainable community.

Technology Integration Vision

The vision of the campus-level technology integration of curriculum is that …

- Every student is entitled to learn in their own way with their own technology.
- Classrooms should be enhanced to encourage students to be more engaged using technology.
- Students will be safe and responsible digital citizens (including recognizing and reporting cyber-bullying, avoiding on-line predators targeting adolescents, ID theft, etc.).
- Students will be responsible and individually censor their content of the internet appropriately.
- Students will be digitally literate involving theft, copyright protection and the law.
- Students should learn how to protect hardware and software from unwanted damage.

Current EdTech Environment

ABILITY 1: Every student is entitled to learn in their own way with their own technology.				
OBJECTIVE A: Bring your own device(BYOD)				
Purpose(s):	*1st Initiated:*	*% Utilized:*	*Person(s) Responsible:*	*Evidence:*
Allow students to bring personal devices on campus without fear of confiscation by teachers or admin unless for inappropriate usage.	2010-2011 School Year	95%	All Faculty & Admin	Amount of discipline referrals regarding use of technology
OBJECTIVE B: Cloud Computing				
Purpose(s):	*1st Initiated:*	*% Utilized:*	*Person(s) Responsible:*	*Evidence:*
Each student has been set up with a Microsoft Live account for access to email and a Sky Drive with 5g of storage.	2010-2011 School Year	50%	Faculty; Library; Tech Integrator	Based upon number of students who do not know how to access accounts during help sessions

ABILITY 2: Classrooms should be enhanced to encourage students to be more engaged using technology.				
OBJECTIVE A: Enhanced Professional Development for educators on best practices and usage of technology in the classroom				
Purpose(s):	*1st Initiated:*	*% Utilized:*	*Person(s) Responsible:*	*Evidence:*
Pre-service professional development	Aug 2012	100%	Admin team	Attendance
After-School professional development	Jan 2013	TBD	Tech Integrator	Attendance
In-class demonstration of technology for class use	Aug 2012	TBD	LMS	Attendance

ABILITY 3: Students will be safe and responsible digital citizens (including recognizing and reporting cyber-bullying, avoiding on-line predators targeting adolescents, ID theft, etc.)				
OBJECTIVE A: Student & Community Tools				
Purpose(s):	*1st Initiated:*	*% Utilized:*	*Person(s) Responsible:*	*Evidence:*
Creation of Campus-based App	Feb 2013	100%	Technology Integrator	Publication of App; Publication of access to free app via Bronco Beat weekly newsletter to parents and students.
Publication of link for Tip	Dec 2012	100%	Safety Admin, Tech	Posting of QR code

Hotline reporting (bullying, cheating, violence, etc.)			Integrator	link around campus; publication in Bronco Beat weekly newsletter; publication on campus-based app

ABILITY 4: Students will be responsible and individually censor their content of the internet appropriately.

OBJECTIVE A: Student AUP

Purpose(s):	1st Initiated:	% Utilized:	Person(s) Responsible:	Evidence:
Teach students about their responsibilities regarding the MISD Student AUP	Aug 2006	80%	MBHS Faculty	Student discipline reports suggest that not all students are adhering to Student AUP.

ABILITY 5: Students will be digitally literate involving theft, copyright protection and the law.

OBJECTIVE A: Plagiarism

Purpose(s):	1st Initiated:	% Utilized:	Person(s) Responsible:	Evidence:
Teach Students about proper citation processes and copyright protection	Aug 2006	100%	English Dept	Summative written assignments in English dept.

OBJECTIVE B: Research

Purpose(s):	1st Initiated:	% Utilized:	Person(s) Responsible:	Evidence:
Teach Students about proper ways to conduct online research.	Aug 2006	100%	English Dept, LMS	Lesson plans and written summative assignments in English dept.

ABILITY 6: Students should protect hardware and software from unwanted damage.

OBJECTIVE A: Teach students about how to protect hardware and software

Purpose(s):	1st Initiated:	% Utilized:	Person(s) Responsible:	Evidence:
Teach students how to protect hardware and software	Aug 2006	70%	Faculty, Tech Integrator, LMS	Functionality of computers in labs and library
Teach teachers how to monitor and what to look for in a computer lab that might harm the hardware or software	Aug 2006	50%	Tech Integrator, LMS	Functionality of computers in labs and library

Future EdTech Environment (2013-2014 to 2015-2016)

GOAL 1: Students will increase Global Awareness				
OBJECTIVE A: Educators will merge Core Content with 21st century interdisciplinary themes by having the student …				
Strategies:	*Priority:*	*Timeline:*	*Person(s) Responsible:*	*Resources:*
Use 21st century skills to understand and address global issues through online sources and social networking	3	Begin implementation mid-year 2014-2015	Teachers	
Learning from and working collaboratively with individuals representing diverse cultures, religions and lifestyles in a spirit of mutual respect and open dialogue in personal, work and community contexts through online transactions.	2	Begin implementation beginning of year 2014-2015	Teachers	
Understanding other nations and cultures, including the use of non-English languages through interaction via digital communication.	3	Begin implementation beginning of year 2015-2016	Teachers	

GOAL 2: Students will use affective collaboration.				
OBJECTIVE A: In order for students to work creatively with others, they will …				
Strategies:	*Priority:*	*Timeline:*	*Person(s) Responsible:*	*Resources:*
Develop, implement and communicate new ideas to others effectively through the use of live documents.	1	Begin implementation beginning of year 2013-2014	Teachers	
Be open and responsive to new and diverse perspectives; incorporate group input and feedback into the work through the use of discussion boards and backchannels.	2	Begin implementation beginning of year 2014-2015	Teachers	
Demonstrate originality and inventiveness in work and understand the real world limits to adopting new ideas through participation in online discussions	1	Begin implementation beginning of year 2013-2014	Teachers	

View failure as an opportunity to learn; understand that creativity and innovation is a long-term, cyclical process of small successes and frequent mistakes self-reflective process blogs.	1	Begin implementation beginning of year 2013-2014	Teachers	

OBJECTIVE B: Students will show efficient collaboration with others by learning to …				
Strategies:	*Priority:*	*Timeline:*	*Person(s) Responsible:*	*Resources:*
Demonstrate ability to work effectively and respectfully with diverse teams in cloud environments and digital communication systems.	1	Begin implementation beginning of year 2013-2014	Teachers	
Exercise flexibility and willingness to be helpful in making necessary compromises to accomplish a common goal through collaborative online planning.	1	Begin implementation beginning of year 2013-2014	Teachers	
Assume shared responsibility for collaborative work, and value the individual contributions made by each team member though online publication and productions.	1	Begin implementation beginning of year 2013-2014	Teachers	

GOAL 3: Students will demonstrate Civic Literacy.				
OBJECTIVE A: By connecting to the outside community, students will learn to …				
Strategies:	*Priority:*	*Timeline:*	*Person(s) Responsible:*	*Resources:*
Participate effectively in civic life through knowing how to stay informed and understanding governmental processes via social networking and information resources.	2	Begin implementation beginning of year 2014-2015	Teachers	
Exercise the rights and obligations of citizenship at local, state, national and global levels through online conferences or presentations.	3	Begin implementation beginning of year 2015-2016	Teachers	

Understand the local and global implications of civic decisions through online public forums.	2	Begin implementation beginning of year 2014-2015	Teachers	

GOAL 4: The campus will demonstrate knowledge of Systems Thinking.

OBJECTIVE A: Students and Teachers will demonstrate long-term planning and effective actions from …

Strategies:	Priority:	Timeline:	Person(s) Responsible:	Resources:
Teaching students how to self-regulate themselves through setting and managing goals with time, working independently and becoming self-directed learners via time-management software.	1	Begin implementation beginning of year 2013-2014	Teachers	
Pre- and post-graduation academic planning through online systems.	1	Begin implementation beginning of year 2013-2014	Teachers	

GOAL 5: Students will demonstrate Information Literacy.

OBJECTIVE A: In order to effectively access and evaluate information, students will …

Strategies:	Priority:	Timeline:	Person(s) Responsible:	Resources:
Access information efficiently (time) and effectively (sources) through a multitude of online sources.	1	Begin implementation beginning of year 2013-2014	Teachers	
Evaluate information critically and competently in public forums, blogs, and discussion boards.	1	Begin implementation beginning of year 2013-2014	Teachers	

OBJECTIVE B: In order to effectively use and manage Information, students will …

Strategies:	Priority:	Timeline:	Person(s) Responsible:	Resources:
Use information accurately and creatively for the issue or problem at hand through production of digital goods.	2	Begin implementation beginning of year 2014-2015	Teachers	
Manage the flow of information from a wide variety of sources into online products.	2	Begin implementation beginning of year 2014-2015	Teachers	
Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information.	1	Begin implementation beginning of year 2013-2014	Teachers	

GOAL 6: Students will demonstrate Media Literacy.				
OBJECTIVE A: In order to analyze Media, students will learn how to …				
Strategies:	*Priority:*	*Timeline:*	*Person(s) Responsible:*	*Resources:*
Understand both how and why media messages are constructed, and for what purposes.	1	Begin implementation beginning of year 2013-2014	Teachers	
Examine how individuals interpret messages differently, how values and points of view are included ore excluded, and how media can influence beliefs and behaviors.	2	Begin implementation beginning of year 2014-2015	Teachers	
Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of media.	1	Begin implementation beginning of year 2013-2014	Teachers	
OBJECTIVE B: In order to create Media products, students will learn how to …				
Strategies:	*Priority:*	*Timeline:*	*Person(s) Responsible:*	*Resources:*
Understand and utilize the most appropriate media creation tools, characteristics and conventions.	1	Begin implementation beginning of year 2013-2014	Teachers	
Understand and effectively utilize the most appropriate expressions and interpretations in diverse, multi-cultural environments.	2	Begin implementation beginning of year 2014-2015	Teachers	

GOAL 7: Students will demonstrate Technology Literacy.				
OBJECTIVE A: Students will apply technology effectively by learning to …				
Strategies:	*Priority:*	*Timeline:*	*Person(s) Responsible:*	*Resources:*
Use technology as a tool to research, organize, evaluate and communicate information.	1	Begin implementation beginning of year 2013-2014	Teachers	
Use digital technologies (computers, PDAs, media players, GPS, etc.), communication/networking tools and social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy.	1	Begin implementation beginning of year 2013-2014	Teachers	
Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies.	1	Begin implementation beginning of year 2013-2014	Teachers	

Communication Plan

The vision and status of the Campus Technology Improvement Plan (CTIP) will be communicated throughout the year via Twitter. The hashtag #broncotech will be attached to each tweet regarding updates. The CTIP will also be available on the school website (http://legacy.mckinneyisd.net/Campuses/school_websites/boyd/boyd.htm). At the beginning of the school year, during teacher in-service, the CTIP will be communicated to the teachers for aid in implementation.

Accountability

The monitoring of the progress of the CTIP will occur in two phases. Short 15 minute walk-throughs will give a snapshot of the instructional capacity happening in the classroom. Longer whole-class observations will give a better understanding of the progress of the levels of engagement occurring with technology in the classroom. The third phase will occur in the use and description of lesson plans being submitted online in the 2013-2014 school year. Feedback will occur as Technology Integrator comments, Admin Evaluator comments and a formal PDAS evaluation.

In the Spring semester of the year, the Campus Technology Design Team will come together and compile the accomplishments and perform a SWOT analysis for the year. The Vision, Current Status and Future will be reviewed and modified accordingly.