Corridor Technology Plan
February 13, 2015
(revised June 2015)

Technology Leadership Team Members:

Pete Wergeland, 5th Grade Teacher
Tracey Martin, 3rd Grade Teacher
Shelly Carlton, 3rd Grade Teacher
Joanne Jones, Corridor Secretary

Angie Bunday, 4th Grade Teacher
Justine Chunn, 1st Grade Teacher
Brian Hartman, Tech Support Spec.
Thomas Piowaty, Principal

Vision Statement:

We believe that technology is a tool for learning that expands our instructional repertoire and is the vehicle that maximizes the capacity of all teachers and learners. It is our vision of that Corridor students be engaged in a stimulating academic environment and a challenging curriculum that is student-centered and focused on inquiry-based learning.

Technology at Corridor Elementary School will:

- Provide global access to information
- Meet the curricular needs of all learners
- Refine critical thinking skills and foster creativity
- Provide a medium for expression and communication
- Collect, assess, and share district and statewide testing data
- Improve the effectiveness of administrative tasks
- Provide continuing technology education for staff development

It is our intention that this vision will remain constant over the course of our plan and that it will guide the day-to-day and year-to-year implementation of technology.

Goals and Objectives

Goal: Maintain 21st Century Technology Components in Each Classroom
- School technology will be utilized to meet the requirements of the Common Core State Standards (CCSS).
- Staff will meet student and teacher state technology standards embedded with CCSS and Next Generation Science Standards (NGSS).
- Instruction will be varied, engaging, and appropriate, using online resources and tools.

Goal: Maintain Hardware and Software

- Staff will be supported by a reliable network and appropriate software and hardware to complete the school's objectives.
- All student and teacher devices will be refreshed and updated each year.
- Maintain wireless network and communicate any problems that may arise with the system
- Develop a system for purchasing and using personal learning devices.

Technology Leadership Team

A Technology Leadership Team will be appointed at the beginning of each academic school year.

- Team members shall include administrator, one classified member, one teacher from primary grades, and one teacher from intermediate grades.
- This Team will promote an educational philosophy in which technology is fully integrated into the curriculum through active, student-centered learning.
- The TLT will promote continuing technology education:
    i. TLT will designate staff members to attend Technology Training opportunities provided by the district Technology department. These staff members are selected based on their proficiency and confidence in integrating technology into classroom practice
    ii. Key members will attend district technology workshops each school year and provide training to the rest of the staff.

Technology Resources

Existing Resources	Student /Staff	Quan:/Condition/Age	Replacement?	Model
Smartboards	Staff	7/great/2010	no	SB-680
Projectors	Staff	8/fair/2008	yes	Epson 83+
Projectors	Staff	3/Great/2014	NO	Epson
Doc cameras	Staff	11/great/2009	no	Avervision 150
Macbook pro laptops	Staff	7/Fair/2009	YES	MacbookPro5,4
Macbook pro laptops	Staff	2/Fair/2009	YES	Macbook 4.1
Macbook pro laptops	Staff	1/Fair/2014	NO	Macbook pro 7,1
Wireless on wall	Both	5/great/2013	We need more installed	N/A
Wireless on COWS	Both	4/fair/2007	yes	N/A
ipads	Both	10/good/2010	No	ipad2
Printers	Both	5/good/2007	yes	HP 1320n
Macbook Laptop	Student	11/good/2010	YES	MacBook7,1
Macbook Laptop	Student	92/Poor/2008	YES	Macbook 2,1
Macbook AIR Laptop	Student	10/Great/2011	NO	MacBookAir5,1
Macbook AIR Laptop	Student	36/Great/2013	NO	MacBookAir6,1

Macbook Pro	Teacher	12	NO	

Future Hardware

Goal	Implementation Strategy
One to one mobile device per student	By 2015 - 2016, each teacher team will share one cart of laptop computers for classroom use. For 2016 - 2017, as funding permits, we will add one classroom set of ipads per grade level team, starting 5th grade and working down to kindergarten.
Adequate infrastructure to support wireless access for all devices	Wireless access points throughout the school to eliminate dead zones. Wireless access points attached to new future COW carts.
Prepare for new technologies	Staff wants to continue using SMART Boards and Mac interface, but also experiment with SMART televisions so that we can replace projectors
Maintain accessories for mobile devices	Headsets for each mobile device
Maintain hardware that can support new software	Replace staff devices on a five-year cycle

Corridor Technology Integration Action Plan

To align with the NETS Standards and to infuse 4J Instructional Technology Scope and Sequence into the classrooms of our building, we created an action plan.

<u>**School-wide**</u>
- Classrooms will teach technology skills outlined below and on the 4J Scope and Sequence
- Teachers will modify current traditional methods and strategies of teaching to find ways to infuse the technology goals of the school, district and state for technology integration into CCSS and NGSS.
- Teachers will instruct and allow exploration with technology resources in our building (Mac laptops, software programs, Internet and online resources, SMART Boards, flip cameras, etc) and district (things for check-out: Proscopes, clickers, etc).
- By the stated grade-levels on the 4J Scope and Sequence, students will be proficient in the stated skills in each area outlined on the guidelines.
- Our building will actively find ways to purchase resources and will do technology trainings for staff members.

<u>**Kindergarten**</u>
Students will be introduced to:
- Using a computer/laptop (safety, care, basic functions, learning keys)
- Using the Internet (logging on/off, basic navigation, playing games, etc)
- Word Processing (typing a letter, simple formatting (fonts/colors/sizes)
- Use a mouse/track pad to navigate
- Open, close and save files
- Using software or website to draw/create shapes or drawings
- Use digital camera/flip camera to take pictures/record video

<u>**First Grade**</u>
Students will review Kindergarten content and be introduced to:
- Basic keyboarding skills
- Use keyboard to type in upper and lower case (and possibly punctuation)
- Create a document with a picture and text (stories, poster, etc)
- Use a technology tool to find information (Internet research, iPod, etc)
- Access Internet using teacher bookmarks or support to type addresses
- Insert and remove CDs or headphones from computer

<u>**Second Grade**</u>
- Students should master Kindergarten skills, review first grade skills and be introduced to:
- Using pull-down menus and computer functions (commands, etc)
- Printing documents

- Using punctuation and formatting tools (buttons on top, pull downs)
- Creating a short word document with sentences (story, report, etc) and creative documents (pictures, drawings, etc) using applications
- Accessing the Internet using teacher bookmarks and typing web addresses
- Basics of Keynote (making a simple presentation, 2-3 slides with typing)

Third Grade
Students should master K-1 skills, review 2nd grade skills and be introduced to:
- Determining the right tool (with guidance) to achieve an academic or creative goal (word processor, drawing, spreadsheet, Internet, applications, etc)
- Typing in paragraphs (spacing lines, use of tab/return)
- Using spell check, cut and paste, etc in word processing program
- Using Internet to find research for speech or report
- Navigating desktop (OAKS, applications, Internet)
- Using keywords to define an Internet search
- Internet etiquette and safety.

Fourth Grade
Students should master K-2 skills, review 3rd grade skills and be introduced to:
- Keyboarding speed and efficiency (steering from hunt/peck, words per minute)
- Typing a full paper on word processor using editing and formatting efficiently
- strategies for finding information they need on Internet
- Evaluating accuracy and relevance of information sources from Internet
- Recalling where data was retrieved (websites, digital resources, bibliography)
- Using 3 or more Mac applications to create and learn (Keynote, Pages, etc)

Fifth Grade
Students should master K-3 skills, review 4th grade skills and be introduced to:
- Keyboarding 20 words per minute
- Creating and using files/folders for saving and finding documents and work
- Connecting to server
- Connecting digital devices and downloading/transferring (jump drives, etc)
- Using word processor to create things other than a typed paper (brochure, etc)
- Using multimedia software and applications to perform creative and learning tasks (Garageband, iPhoto, iMovie, etc)
- Accurately citing sources from Internet on bibliography

Professional Development and Training

1. Smart Board Training – Angie has volunteered to teach this session during a staff meeting or at a scheduled designated time. The training will focus on content for reading and math. Teachers will gain resources on where to find Smart Board

Lessons and how to use them. There will be a 30-45 min. time period where the participants are able to find lessons that correlate to their units and receive guidance on how to use them.

2. New software programs– Programs such as MobyMax and other programs.

3. Digital Writing – We will use the tools in the Being A Writer Curriculum.

4. Technology Instruction Planning Time - K/1, 2/3 and 4/5 meetings will be held to talk about technology instruction in the classroom. During the meetings the teachers will look over the benchmarks that are designed for each grade level. They will then plan lessons and create timelines to teach the material.

Professional Development Activity	Date	By Whom?
SMART Board Training	September staff meeting	Angie
TLT to determine who will attend technology workshops and training Training on MobyMax and other new programs Technology Instruction Planning Time by grade level teams	Technology Meeting, September, 2015 September, 2015	TLT Grade level teams
Technology Conference	October 9th, 2015	Technology Teacher Leader
iPad Technology	October Staff Meeting, 2015	Technology Team Leader
Digital Writing	January 5th, 2016	TLT

Implementation Timeline

Date	Equipment/Resource	PD	Possible Funding Sources
Spring 2015	Maintain supply of laptop batteries		
Fall 2015	36 Macbook Airs	SMART board	Crossroads 3