



Florida Digital Educator Program

A statewide integration initiative

Karen C. Seddon

Special points of interest:

- Collaboration Session 1
- The Technology Integration Matrix (TIM)
- Improving Reading
- Digital Storytelling
- The FDE website
- **Best Of eXample**

Kay Teehan

The Technology Integration Matrix (TIM)

One of the greatest tools for measuring technology integration is available for teachers and administrators for FREE online. This 5 x 5 matrix incorporates learning environments and integration levels through 50 video vignettes of Floridian teachers modeling technology integration.



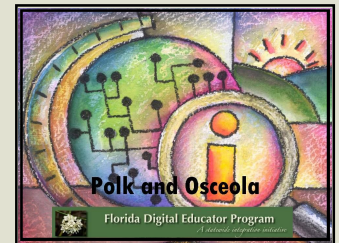
The TIM can be found online at:
<http://fcit.usf.edu/matrix/index.html>

Collaborating Session 1

The Florida Digital Educators and their collaborating teachers in Polk and Osceola Counties attended an inservice that built upon the coaching skills learned this summer at the Teaching and Learning Institutes. Teachers reviewed the (TIM) Technology Integration Matrix. The TIM illustrates how teachers can use technology to enhance learning for K-12 students. It incorporates five interdependent characteristics of meaningful learning environments: active, constructive, goal directed, authentic and collaborative while associating the five levels of technology integration: entry, adoption, adaptation, infusion, and transformation. The teachers used the Microsoft Peer Coaching Model to enhance an existing lesson with

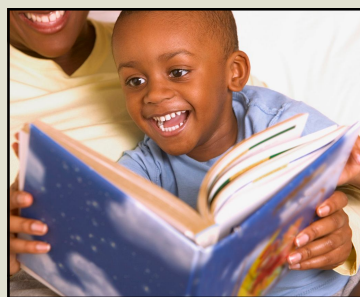
technology to add rigor and relevance. The lesson used by all was "What's for Lunch?" The teachers designed exciting and engaging lessons that were totally unique to each other and the original.

Next, the teachers worked with their collaborating teacher to take an existing lesson of the collaborating teacher and together, enhance it with available technology tools at their own school. These lessons were only started during the inservice which then gave the team the opportunity to work together back at their own campuses. All tech coaches are in the role of mentor as encourager to help the collaborating teacher become more comfortable with the integration of technology throughout the year. Each collaborating teacher answered survey questions that



determined the level of technology integration (from the TIM). By the end of the school year, collaborating teachers will revisit the survey to see if the level of technology integration and awareness has changed and whether a mentoring relationship helps improved teacher training in technology.

Each of the collaborating teachers in Polk and Osceola County will be receiving up to \$800 in supporting technology incentives to help with this goal of improving learning through technology.

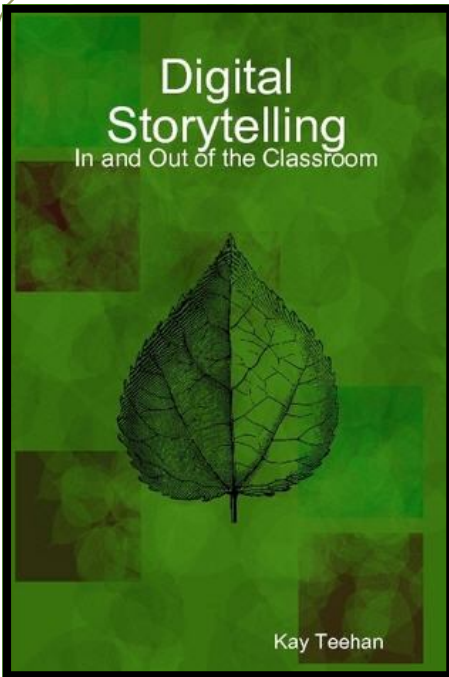


As teachers become more comfortable with technology and integrating digital audio, images and video in the classroom, can reading scores improve? Teachers who integrate technology create a learning environment that is

Improving Reading

rigorous, relevant and rich for students. Consider this scenario: Mrs. Silvestro wants to introduce a new book to her class. Instead of the normal explanation of what the class will be reading, she arranges for the author to do a 15 minute online chat with the students that she projects as the conversations between the class and the author develop. Next, she creates a blog in Gaggle for peer/author continuing discussions as they read the book together. She also receives permission from the author to

allow the students to record the book in their own voice and saves the files to class mp3 players for the students to build their fluency and comprehension levels. The author also agrees to narrate and interpret the findings of the group discussions throughout the book reading. At the end of the book, students group together to give their impressions through a digital story. Can this possibly improve reading scores in the classroom?



Kay Teehan's book can be purchased at www.lulu.com. (Just Google it for more information.)

Kay Teehan

Media Specialist, Bartow Middle School, Polk County

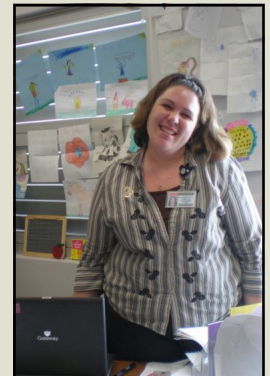
Kay has been in education for 36 years and can honestly say that it has never been as exciting as it is today with the integration of technology into the curriculum. Kay is making an impact as a Master Digital Educator and National Board Certified teacher not only at Bartow Middle, but serves on the board of Channel One News, is a STAR Discovery Education member and has presented at state and national conventions including FETC, National Middle School Assoc. Conference, FACE, National School Board and National Board Certified Teachers' Conferences. Kay's greatest contribution to date has been sharing her love for Digital Storytelling. She passionately shows teachers how digital storytelling meets computer, multimedia, information and technology literacy standards, supports the writing process through narrative, expository and persuasive planning and empowers students to make a personal connection to their learning. Kay recommends that students use MovieMaker, PhotoStory, Audacity and/or iMovie to bring digital images to life with the personal voice of the student. According to Kay, *"Digital Storytelling is a tool that was created to integrate the newest technology in the classroom. It has proven to be a powerful tool indeed. It is said that the reason for its power lies with the type of students we teach each day in our schools. Students today are multi-taskers, creative, and visual learners. They have grown up in a world of multimedia and respond to audio-visual in positive ways. Given the opportunity to tell their stories using digital storytelling models, they are transformed into self-motivated information consumers. Our job, as educators, becomes one of utilizing their natural gravitation to technology to fit our purposes of teaching state and national standards."*



Florida Digital Educator Program
A statewide integration initiative

Hubs of Learning
iTeach, iLearn, iShare
optional trainings for FDEs and collaborating teachers

Hubs of Learning afford teachers in the FDE program an opportunity to collaborate, integrate digital tools in the classroom and share with other teachers on their campus.



Digital Storytelling

Microsoft
Photo Story 3
for Windows



Digital Storytelling is a 21st century way to involve the students in the power of reading and writing. When a student can make a personal connection to his/her learning, there is much more motivation to pay attention to detail, stick to the process and complete the task. What better way is their to encourage students to learn to read and write than through telling their own story? Florida Digital Educators are also inclined to take the process to the next step- digitize! This session gave teachers the

opportunity to learn one of the most useful FREE classroom tools, Microsoft's PhotoStory. This program turns digital images into digital video enhanced with original music with just the few clicks of the NEXT button.

The teachers created a short introductory video complete with voiceovers, images of each other and original copyright free music. Next, the teachers used a collection of sunrise photographs and created individual "tales" through their own eyes. The videos were shared through a gallery walk. It is amazing

how the same images become totally unique videos in just a short time period. Putting this tool in the hands of our students throughout Polk and Osceola will give them the ability to integrate technology into a time-honored process of storytelling. It is highly recommended that PhotoStory be on every student station in the classrooms. With just a few lessons, imagination and great storyboarding, student presentations will excel.

Upcoming **Hubs of Learning** in the second semester will include Advanced DE streaming (*unitedstreaming!*), iTunes and mp3 players in the classroom, MovieMaker and Google Earth.

Maria Elena Torres, at St. Cloud Elementary School, introduced her first graders to their first experience with digital storytelling. Each student wrote a "fish story" and drew an illustration. Next, the students recorded their story in their own voice, a digital image of their drawing was made and the class designed their own movie score with GarageBand. All the elements were put together in iMovie to create a class digital story that was sent home on a CD to share with their families.

