Summer Institute of Technology

Today more than ever before the world faces many difficult and complex problems where the development of broad and powerful thinking is needed. And with these complexities we should be developing ways to educate our students in the context of human intellectual development. A new generation of students expects a learning environment that integrates today's digital tools, accommodates a mobile lifestyle, adapts to individual learning styles and encourages collaboration and teamwork.

This three day workshop is designed to explore the latest technology tools and solutions available to help schools build 21st Century learning environments that motivate and engage today's students. The workshop will provide multiple examples of media-rich projects, investigate the new world of podcasting, vodcasting, blogs, wiki's, Web 2.0, digital storytelling, Google Earth KML files and demonstrate ways to integrate these new technologies into the classroom. Additionally you will learn how to use classroom responders, interactive whiteboards and New School Notes as a part of creating technology-based interactive lessons.

Statewide Teacher In-service

During the weeks of (June 16-18), (June 23-25), and (July 14-16) Michael King, Jesse West and Kim VanNahmen will be conducting a statewide teacher in-service for creating technology based interactive lessons utilizing Web 2.0 resources. If you are interested in creating a 21st Century classroom, then this in-service may be what you are looking for.

Applications

We are currently taking applications for the Summer Institute of Technology. We will award for each workshop 15 out-of-district and 5 in district applicants the opportunity to participate in a three day workshop. Application deadline is May 1, 2009 and all out-of-district accepted participants in-service fee will be $350.00 paid to Dodge City Public Schools.

Application Deadline
May 1, 2009
Click Here to Apply

Here are some of the benefits for being accepted as a participant in the Summer Institute of Technology.

21st Century Benefits

- Four Hours of SMART Board Training
- Create A Podcast for Classroom Instruction
- Using Google Earth as a Classroom Resource
- Storing A Video Presentation as a KML File
- Posting Widgets on Your Wiki
- Technology & Alternative Assessment (Responders & Rubrics)
- How to design Technology-based Thematic Units
- Creating Media Kits for Digital Lessons
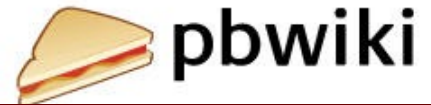- Learn How to Create a Classroom Wiki

Resource Benefits

- Free Play Music
- 256 mb Thumb Drive with Media Kits and Digital Resources
- SMARTBoard Workbook
- Free Digital Links Resources
- A Quick Guide Notebook

Professional Development Benefits

- Trainer of Trainer Applications for Your School or District
- 21 Hours of Professional Development Points
- Earn 1 hour of College Credit.

PARTICIPANT AGENDA

pbwiki

DAY 1: TUESDAY, 16 OR 23, 2009

Creating Digital Lessons

Integrating technology and unit develop will encourage a curriculum that is both challenging and meaningful for students. In this session you will learn how to create technology-based thematic unit template, and how to use Lesson-Writer as a workable framework for teacher instruction. Additionally participants will learn about Creative Commons, and open source software.

Morning Session

8:00 – 8:30	Photo Shoot & Pod Casting Narrative - **Group Activity**
8:30 – 8:45	Agenda Orientation and Materials by **Mike King**
8:45 – 9:30	Using Delicious to Create Social Bookmarks by **Jesse West**
9:30 – 9:45	Keeping Track of Account Information in School Notes by **Jesse West**
9:45 – 10:00	**Break**
10:00 – 11:00	Developing Technology-based Thematic Unit by **Mike King**
11:00 – 11:15	**Break**
11:00 – 11:30	LessonWriter by **Mike King**
11:30 – 12:00	Creating an Introductory Lesson using LessonWriter- **Individual Activity**
12:00 – 1:00	Lunch – Provided – Dodge City Public Schools

Afternoon Session

1:00 – 2:00	SMARTBoard Interactive Whiteboards by **Kim VanNahmen**
2:00 – 2:15	**Break**
2:15 – 2:45	Creative Commons and Copyright (Google Search Engine Video) by **Mike King**
2:45 – 3:00	Creative Commons Google Picture Search **Individual Activity**
3:15 – 3:30	**Break**
3:30 – 4:30	Audacity, Podcasting, & FreePlay Music by **Jesse West & Mike King**
4:30 – 5:00	Creating a Podcast (using multi-layer sound files) - **Individual Activity**

DAY 2: WEDNESDAY, JUNE 17 OR 24, 2009

Digital Resources

This session will give explanation for expanding ideas and strategies for integrating technology-based multi-media resources into the classroom. The focus of this session will allow participants to explore various technology tools like interactive whiteboard, MovieMaker/iMovie, Google Earth, creating digital rubrics, & the use of student responders in the classroom.

Morning Session

8:00 – 9:00	Creating A Digital Lesson Using A Media Kit by **Mike King**
9:15 – 9:30	**Break**
9:30 – 10:30	MovieMaker and iMovie by **Jesse West & Mike King**
10:30 – 10:45	Uploading Videos & External Storage by **Jesse West & Mike King**
10:45 – 11:00	**Break**
11:00 – 12:00	SMARTBoard Interactive Whiteboards by **Kim VanNahmen**
12:00 – 1:00	Lunch – Provided – Dodge City Public Schools

PARTICIPANT AGENDA

delicious

Afternoon Session

1:00 – 2:00	SMARBoard Interactive Whiteboards by **Kim VanNahmen**
2:00 – 2:15	Student Responders Demonstration by **Jesse West**
2:15 - 2:30	Creating Digital Rubrics by **Mike King**
2:30 – 2:45	**Break**
2:45 – 3:15	Google Earth by **Mike King**
3:15 – 4:00	**Break**
4:00 – 5:00	School Notes by **Jesse West**

engaging
technologies
educating a new generation

DAY 3: THURSDAY, JUNE 18 OR 25, 2009

READ AND WRITE WEB 2.0

Creating Social Bookmarks is a process of categorizing multiple tags and organizing website addresses that conform to the RSS (Really Simple Syndication) information sharing standards. Social bookmarks web services can be a valuable tool for referencing research topics and sharing valuable information.

 A Wiki is a read/write web resource that offers comparative benefits to students needing to collaborate in the creation of joint documents, and offers benefits to instructors wanting insights into the respective contributions (or non-contributions) of students in assigned groups. The Wiki software application also keeps record of past versions of created webpage's and tracks changes which users make to the site. (See Halliburton Project)

Morning Session

8:00 – 8:30	Introduction to Web 2.0 by **Mike King**
8:30 – 10:00	Sharing and Tagging Social Book Marks by **Jesse West**
10:00 – 10:15	**Break**
10:15 – 12:00	PBWiki by **Mike King**
12:00 – 1:00	Lunch

Afternoon Session

1:00 – 2 :00	Widgets (Slide Share, Flicker, My ShareBox, Cluster Maps)
2:00 – 2:15	**Break**
2:15 – 2:45	RSS Feeds and Technorati
2:45 – 3:45	Interactive Whiteboards by **Kim VanNahmen**
3:45 – 4:00	Wrap-up & Awards

The New Workforce of Tomorrow

The new workforces of the Lego workers are now being recognized for their co-creating ideas, workers that generate the remixing of multiple concepts on a large collaborative scale, creating new mashup products. Is it possible that the real world is moving everyday closer to global collaboration and the self contained classrooms of today are shifting in another direction? A direction of isolation, building the Great Wall of China and containing all knowledge, rigorous curriculum to specified outcomes, measured and assessed to a world where these measurements may no longer be important in determining success in the workforce.

Has the term collaboration changed from working well with others to the mixing of ideas for the recreation of deeper meanings of the disciplines? In this new of world of digital natives who will monitor exactness? Who will control the truest forms of knowledge for others to repeat the same paths of learning? Who will be the valedictorians of their class as individuals climb the latter to earn their rights to prestigious degrees of higher learning? All of these questions will be pondered as the world becomes flat. In fact the gap between the development and use of technology is like crossing the grate digital divide of leaving all children behind. Are we now standing on the other side of the great digital divide looking for ways to bridge the gap?

What Is Web 2.0

Today a new age is evolving, a newly formed conceptual age; an age and time when people collaborate to expand disciplines. In the past we have individually mastered our own proficiencies as we explored our world from one perspective, our own. Now with collaboration technologies individuals are enlightened by becoming aware of individual perspective by exposing ones own knowledge to the outside world. It is in the shared thoughts that our vision clears which makes Web 2.0 both a telescope for new ideas and a microscope for harvesting knowledge.

Web 2.0 is an expansion of the original applications of Web 1.0 which is most commonly referred to as read only web. Read only web 1.0 allows users to explore the network for information seeking. Web 2.0 is a new set of tools that allows users to collaborate ideas through new mediums of expression. These mediums of web 2.0 expressions technology allow non-web designers to create, remix, and mash together their own content online. Web 2.0 content creation tools occurs through the design of multi-user interfaces such as wiki's, podcasting, vodcasting, and blogs.

Meet Your Presenters

Michael King –

A graduate from the University of Oklahoma in Public School Administration has been a teacher and principal for twenty-six years. Under his tenure, his schools have been recognized as exemplary by the Oklahoma State Department of Education and named a National School of Excellence by the U.S. Department of Education. He also has been individually recognized as the 2005 finalist for the Oklahoma Medal of Excellence Award in Educational Administration and was a finalist for the 2005 Association of Professional Oklahoma Educators Foundation Award in Educational Administration. His technical experience has been recognized by the Goddard Foundation for documentary filmmaking, USA Today's "Best Bet" educational web site, and the Oklahoma State Senate for participation in Operation School Net. He has presented workshops for a variety of local, state, and national groups and at the National Staff Development Council's annual conference. He has served as an adjunct professor at the graduate school of education at Oklahoma University and Northwestern Oklahoma State University. He has co-authored several published supplements for his works in "Developing School Programs and Policies" which include: "Helping Teachers Teach Better", "Building Bridges of Trust", "Developing a Safe and Healthy School Environment", "Developing A Learning School" and "The Virtual Schoolhouse". Michael lives in Dodge City Kansas, where he serves as a Middle School principal.

Kim VanNahmen —

Kim teaches computer concepts and applications to 7th and 8th grade at Dodge City Middle School. She also instructs at Dodge City Community College in the Computer Science department. Kim is a certified trainer for SMARTBoard Interactive Whiteboards through Smart Technologies. Kim holds technology training sessions at Dodge City Middle School to keep the faculty current with the latest technology. Her background covers 26 years of technology, both in usage and training. Kim holds a Bachelor of Science in Business Administration and Masters in Secondary Education.

Jesse West —

Jesse West is a graduate from Fort Hays State University in Hays, KS with a B.S. in Business Education. He is currently a computer teacher at Dodge City Middle School, Dodge City, KS. Jesse has taught a variety of technology classes including Video Production, Internet Communications (Web design), and Connect (Computer education), as well as a trainer for Discovery Education. He is currently teaching his fourth year at Dodge City Middle School. While being in education, Jesse has contributed to his colleagues by giving them training and support with different venues of Instructional Technology.