



ENHANCING INSTRUCTION THROUGH TECHNOLOGY CONFERENCE

Mississippi Bend Area Education Agency

June 22, 2006

All About Alternative Input

Presenter: Cindy Cavanaugh and Teresa Wyant, Assistive Technology Team, Mississippi Bend AEA
Targeted Audience: K-12, Special Education
1:00 – 1:55 Tech Lab 2

This session will provide a comprehensive review of alternatives for computer input. Software and hardware for keyboard and mouse alternatives and emulation will be available in a fast-paced, hands-on session. Come prepared to wear the mouse, to breathe the keyboard and to drive to vocabulary selections in state of art technology for computer access. Alternative input is for everyone!

Accessibility Features – Macintosh

Presenter: Janet Hill, Education Development Executive, Apple Computer
Targeted Audience: K-12, Media Specialists, Special Education
8:30 – 9:30 Room 2

Accessibility features for the Macintosh OS X Tiger will be reviewed to include the features of Dashboard (including widgets), Automator, Voice Over and GarageBand that support Universal Design for Learning (UDL). Additional accessibility features reviewed in the session will include text to speech, keyboard modifications, screen modifications and word completion.

Become a Better Problem Solver !

Presenter: Andrew Kay, Territory Manager, Tom Snyder Productions
Targeted Audience: Elementary, Middle; Curriculum Coordinators
8:30 – 9:30 Dr. Yoder Room and 1:00 – 1:55 Muscatine Room

This session will cover the foundations, features, and implementations of a software program that helps students become better problem solvers. The software uses research-validated methods to help students construct models through the use of graphic organizers. Students learn to organize the elements of a problem, a process that helps students understand the problem before solving it.

Digital Tools for Digital Kids

Presenter: Janet Hill, Education Development Executive, Apple Computer
Targeted Audience: K-12, Media Specialists
1:00 – 1:55 Clinton Room

Today's students learn in different ways than previous generations, and so require a different set of learning tools. Teachers around the world are using iLife to enliven lessons, meet instructional standards, and guide their students toward more productive futures. Whether students are making visual records of science experiments, poetry photo books, producing historical documentaries, original music, art portfolios, or creating digital stories, with iLife, every subject comes to life. Come see the best student example projects from around the world.

Educational Portals with SharePoint

Presenter: Microsoft Team
Targeted Audience: K-12; Technology Coordinators
10:50 – 11:50 Scott Room

Join Inetium and Microsoft to explore the latest in portal technology that integrates with the entire Microsoft suite.

Exploring iWork

Presenter: Janet Hill, Education Development Executive, Apple Computer
Targeted Audience: K-12, Media Specialists
2:10 – 3:00 Clinton Room

Create, present and publish your work in style. In the all-new application Pages, learn how to create everything from letters to newsletters to brochures with over 40 templates. With Keynote 2, build gorgeous photography portfolios, animate storyboards, along with interactive slideshows.

GPS/GIS

Presenter: Terry Brase, Assistant Professor, Agriculture Technology, Principal Investigator, AgrowKnowledge, Kirkwood Community College.
Targeted Audience: Middle and High school; Media Specialists
3:10 – 4:00 Dr. Yoder Room

Global Positioning Systems and Geographic Information Systems (GPS/GIS) are emerging technologies that are not only fun and exciting for students, they can be valuable educational tools for teaching inquiry and critical thinking. This presentation will review some exercises appropriate for science and math students.

Hosted Learning Management with Class Server

Presenter: Microsoft Team
Targeted Audience: K-12; Technology Coordinators; Administrators
1:00 – 1:55 Scott Room

See how Broad Education and Microsoft have partnered to provide small schools the same great solutions as larger schools at a fraction of the (total) cost and implementation time.

Integrating Standards in Iowa Classrooms

Presenter: Cindy Blinkinsop, Media-Technology Quality Learning Consultant, AEA9

Targeted Audience: K-12; Media Specialists; Curriculum Coordinators

8:30 – 9:30 Tech Lab

This workshop is designed to show educators the website that our Research & Development put together and how it links to WebMax. The web site provides teachers with grade level instructional resources based on the content learning standards compiled by Iowa school districts in AEA9 and aligned to national standards for Reading, Math and Science.

Internet Resources to Support Reading

Presenter: Cindy Blinkinsop, Media-Technology Quality Learning Consultant, AEA9

Targeted Audience: K-12; Media Specialists

10:50 – 11:50 Tech Lab

This workshop is designed to show educators safe internet reading sites to use with their students. A variety of websites will be shown, for example, WebQuests, Interactive Reading Websites, Virtual Field Trips, Lessons Plans, and more!

Iowa Learning Online

Presenter: Alan Thorson, Coordinator, Iowa Learning Online

Targeted Audience: High School; Curriculum Coordinators; Administrators

2:10 – 3:00 Dr. Yoder Room

Iowa Learning Online is the central resource for a variety of Internet-based and ICN video courses that are available to eligible Iowa high school students. ILO serves as the official clearinghouse of high school course offerings, making it easier for educators and students to find the best courses to meet educational needs. ILO collaborates with school districts, colleges and universities, and AEA's to offer a variety of courses for a broad range of students.

Iowa Pubic Television: Educational Resources and Services

Presenter: Lynn Wilson, Executive Officer, Educational Services

Targeted Audience: K-12, Media Specialists

10:50 – 11:50 and 1:00 – 1:55 Dr. Yoder Room

Discover Iowa Pubic Television's video, online, interactive, and distance learning (ICN) media resources. See demonstrations of educational media, receive educational materials for your school, and learn about new and ongoing IPTV projects.

iPod Palooza

Presenter: Janet Hill, Education Development Executive, Apple Computer

Targeted Audience: K-12, Media Specialists; Technology Coordinators

3:10 – 4:00 Clinton Room

Explore iTunes for Mac and Windows and learn why it is the best digital jukebox and more. You will learn to import and organize your music, burn CD's, buy music or audiobooks from the iTunes Music Store, create playlists, and share your music. And with iPod, you can take your favorite music, photos and movies with you wherever you go. Plus you will learn about podcasting.

Just the Facts!!!

Presenter: Andrew Kay, Territory Manager, Tom Snyder Productions
Targeted Audience: K-12; Curriculum Coordinators
9:40 - 10:40 Dr. Yoder Room and 2:10 – 3:00 Muscatine Room

This session introduces a NEW software program that helps math-delayed students make the leap to fluency with basic number facts. This research provides a structured, systematic and motivating environment that helps students with poor memory skills move beyond counting strategies so that they can recall basic facts from memory – an essential skill for success with higher-order math skills including advanced arithmetic, fractions, and algebra.

Life is Good: iLife Makes it Better

Presenter: Janet Hill, Education Development Executive, Apple Computer
Targeted Audience: K-12, Media Specialists; Technology Coordinators
9:40 – 10:40 Clinton Room

Get face to interface with iLife 06, the must-have update to Apple's award winning suite of digital lifestyle applications, with major upgrades to iPhoto, iMovie HD, iDVD, and GarageBand. Join us for a closer look at all the features that make up .Mac, the best friend of iLife 06 as well as learn how to create stunning web pages, blogs, and podcasts with the innovative new application iWeb.

MarcoPolo Science: Internet Content for the Classroom

Presenter: Robert Reppert, Program Leader for School Technology, Mississippi Bend AEA
Targeted Audience: K-12; Media Specialists
9:40 – 10:40 Tech Lab

Marco Polo's Classroom-ready lesson plans and other teaching materials make it easy to begin integrating Internet resources into your classroom. You'll find primary source materials, interactive student resources, and grade-specific research lists to help you tailor materials to your teaching style and needs. In this session you will see an overview of the MarcoPolo website focusing on science.

Math Intervention with Differentiated Instruction for K-Adult

Presenter: Tony Morrow, Education Technology Partners
Targeted Audience: K-12; Curriculum Coordinators
9:40 – 10:40 Muscatine Room and 1:00 – 1:55 Room 2

Learn how students are achieving average gains of two grade levels in math in 10 hours – without detracting from other studies! Explore effective technology interventions and FREE scientifically based, web delivered professional development resources from the US DOE. Observe the impact on teaching and learning plus the acceleration of math skills acquisition.

Mississippi River Student Projects

Presenter: Victoria Navarro, Librarian, Davenport Community Schools
Targeted Audience: Elementary, Middle, Media Specialists
3:10 – 4:00 Room 2

See how a collaborative effort involving fifth grade students, their teachers, a librarian, an artist and a high school photography class produces works of art, music, and Power Point presentations about the Mississippi River.

New Teaching and Learning Applications from Microsoft

Presenter: Microsoft Team

Targeted Audience: K-12; Media Specialists; Technology Coordinators; Curriculum Coordinators

8:30 – 9:30 Scott Room

Learn how Student 2006 is being used as research and homework tool for teachers and students, and get a free copy of Learning Essentials

OS X Terrific Tiger Tips

Presenter: Janet Hill, Education Development Executive, Apple Computer

Targeted Audience: K-12, Media Specialists; Technology Coordinators

10:50 – 11:50 Clinton Room

Building a foundation for your digital school. Introducing Mac OS X, Tiger, the best computing platform for education. Macs are designed with tomorrow built in, which helps prepare students for their future careers. The heart of education is creative dialogue and discussion—among faculty, students, and the community. Come take a look at the most secure operating system for education.

Reading Intervention with Differentiated Instruction for K-Adult

Presenter: Tony Morrow, Education Technology Partners

Target Audience: K-12; Curriculum Coordinators; Special Education

8:30 – 9:30 Muscatine Room and 2:10- 3:00 Room 2

Learn how students are achieving average gains in reading of 1+ grade per 10 hours- some growing 3 and 4 years in one semester – without detracting from other studies! Explore effective technology interventions and FREE scientifically based, web delivered professional development resources from the US DOE. Observe the impact on teaching and learning plus the acceleration of English language acquisition.

Reading Supports and Access to Text

Presenter: Cindy Cavanagh and Teresa Wyant, Assistive Technology Team, Mississippi Bend AEA

Target Audience: K-12; Special Education

10:50 – 11:50 Room 2

This session will provide an overview of the tools for text accommodations for students with print disabilities including a process review for material preparation, demonstration of programs that provide integrated text access support and modified text examples (Kurzweil 3000 v. 9, WYNN; Read and Write Gold, v. 8; and Key to Access, Start-to-Finish, etext sources, Braille, etc.) Copyright issues will be discussed.

SMART Interactive Whiteboard

Presenter: Brent Egger, Account Manager, Pratt AV & Video Corporation

Targeted Audience: K-12; Media Specialists; Technology Coordinators; Administrators
10:50 – 11:50 and 3:10 – 4:00 Muscatine Room

Introduction to SMART Interactive whiteboard and peripherals. Demonstration of SMART Board functionality. Benefit analysis. Q & A.

Student Select

Presenter: Microsoft Team
Targeted Audience: K-12; Administrators; Technology Coordinators
3:10 – 4:00 Scott Room

Learn how all students and staff in Iowa K-12 schools can purchase Microsoft software at the same greatly discounted prices that schools use.

Tablet PC and OneNote

Presenter: Microsoft Team
Targeted Audience: K-12; Technology Coordinators
2:10 – 3:00 Scott Room

Learn how Tablet computing and digital link provide excellent tools for improving teacher and student productivity.

The Seamless Integration Technology in the Math World

Presenter: John Cain, Elem. Principal/Curriculum Director, Calamus Wheatland School District
Targeted Audience: Elementary, Middle; Curriculum Coordinators
8:30 – 9:30 Clinton Room

This session will involve integrating the tools of technology into the classroom. The session will highlight using Microsoft Office including Excel, Power Point and Word. The session will integrate powerful websites and connect all technology activities to grade level standards and benchmarks.

Texas Instruments Graphing Calculators with Math

Presenter: Tom Allen, Educational Consultants
9:40 – 11:50 and again at 1:00 – 3:00 Jackson Room

This 2- hour presentation will allow attendees to see and use the latest Texas Instruments Calculators and Apps, Navigator, Math Software and Data Collection equipment. Each attendee will receive a CD with 350 activities using Graphing Calculators, trial CD's, and a chance to win a new TI84SE graphing calculator.

Update: Iowa Text Reader Study

Presenter: Joan Hodapp, Special Education Coordinator, Sector 4, AEA 267
Targeted Audience: K-12, Media Specialists; Special Education; Curriculum Coordinators
9:40 – 10:40 Room 2

This session will provide a discussion of the Iowa Text Reader project that has now been underway for three years. Available data and preliminary results will be provided from two years of text reader use by middle-school students across the state of Iowa. Update on current findings and projected areas of student (including standardized test administration) will be provided.

Usual Things for Unusual Reasons

Presenter: Cindy Cavanagh and Teresa Wyant, Assistive Technology Team, Mississippi Bend AEA
Target Audience: K-12; Special Education
3:10 – 4:00 Tech Lab

This hands-on, sharing session in the Windows TechLab2 will provide participants with an opportunity to use typical features of computers and software to support learning within a Universally Designed Learning (UDL) environment. UDL concepts support multiple means of representation, expression and engagement. The digital world can provide the tools to teachers who fill the toolboxes of students with complex learning needs. Join us as we demonstrate and play with these tools. We will make time for sharing and discussion.

VISTA and Office System 2007

Presenter: Microsoft Team
Target Audience: K-12; Technology Coordinators
9:40 – 10:40 Scott Room

Learn about the latest features and functions of the next OS and Office suite from Microsoft.

Writing Supports

Presenter: Cindy Cavanagh and Teresa Wyant, Assistive Technology Team, Mississippi Bend AEA
Target Audience: K-12; Special Education
2:10 – 3:00 Tech Lab

This session will provide an overview of the tools for writing success for students with print disabilities, motor access issues as well as spelling and written organization problems. From low technology to high technology, this session will fill the toolbox with strategies and devices for working with students with a range of writing disabilities. Hands-on experience with word prediction, digital recorders, portable word processors, writing templates and more will be provided.