

Event Schedule

| Room "Strand" | Platte/Calamus "Communication and Collaboration" | Cass/ Douglas "Creativity and Innovation" | Sarpy/ Washington "Critical Thinking and Problem Solving" | Niobrara "iOS" |
|---|--|--|--|---|
| 8:30 – 9:00 Cass/Douglas Room: Opening and Welcome Sue Anderson - ESU #3 and Jeff Ingraham – ESU #3 | | | | |
| Keynote Session 9 a.m. – 10:45 a.m. | | Travis Allen - Mobile Learning from the "Digital Natives" | | |
| BREAK: 10:45 a.m. – 11 a.m. | | | | |
| Session #1 11 a.m. – 12 p.m. | Implementing Google Chromebooks in the Council Bluffs Schools David Fringer Council Bluffs Schools | *"Health/Fitness Focus" Michael Edwards iSchoolinitiative.org | How do we prepare students academically for that uncertain future? Dr. Kenneth Wesson Brain Research | Technology in the Primary Classroom Lynn Spady Glen Jagels Renaë Salisbury Westside Community Schools |
| LUNCH: 12 p.m. – 1:20 p.m., EdCamp Omaha, Josh Allen, http://edcampomaha.wikispaces.com/ | | | | |
| Session #2 1:20 p.m. - 2:20 p.m. | Project Based Learning Tony Gunter Apple Computers | Digital Storytelling with Mobile Technology Arvin Ross iSchoolinitiative.org | Do we "go to school to learn" or does learning take place inside the brain anywhere the brain goes? Dr. Kenneth Wesson Brain Research | "How to be successful with your 1:1 initiative" Scott Drossos Pearson |
| Session #3 2:30 p.m. -3:30 p.m. | Collaboration with Mobile Video | Using Google Chromebooks | The T&E in STEM: Opportunities for | Creating Digital Textbooks |

NOVEMBER
21, 2011

8 A.M.
TO
3:30 P.M.

Fall 2011
21st Century Skills and
Mobile Technology Fair



Conferencing Solutions

Moderated by:
Bill Menousek
Jeff Ingraham
ESU #3

in the Classroom

Devon Schoening
Council Bluffs
Schools

**Problem Solving, Critical
Thinking and Innovation**

Dr. Neal Grangenett
Dr. Elliott Ostler
University of Nebraska at
Omaha

Robbie Jensen
ESU #3



Presenters:



Travis Allen
Keynote Speaker

Meet Travis Allen, a college student and director of iSchool Initiative (a digital-learning-revolution organization).

Mobile Learning: As a college student, Travis brings his iPad and only his iPad to each of his courses. He does not own paper, pen, a printer or books. Find out how Travis accomplishes this and get a glimpse of what students will look like in the very near future. Also, learn more about his student led non-profit dedicated to revolutionizing education. Travis@ischoolinitiative.com

https://www.ischoolinitiative.com/Home_Page.html

*"Most of all, I am a mobile learner."
-Travis Allen*

The future is NOW

When it comes to technology and learning, there's no such thing as standing still. New ideas, creative classroom techniques and lightning-speed solutions are propelling school-agers into a hand-held world of increasingly interactive experiences.

Enter the 21st Century Skills and Mobile Technology Skills Fair, a day-long mind-meld of educators,



21st Century Skills Fair
<http://tinyurl.com/21stcenturyfair>

iSchoolInitiative
<http://www.ischoolinitiative.org>

Partnership for 21st Century Schools
<http://P21.org>

ESU #3 Wiki
<http://esu3.wikispaces.com>

ESU #3 iPad Wiki
<http://esu3ipads.wikispaces.com>

EdCamp Omaha
<http://tinyurl.com/edcampomaha>

Escondido Public Schools App List
<http://tinyurl.com/EUSDapps>

ePub Bud
<http://epubbud.com>

ESU #3 ePubs
<http://esu3epubs.wikispaces.com>

Kathy Schrock iPad Site
<http://tinyurl.com/schrockipad>



Implementing Google Chromebooks in the Council Bluffs Schools

David Fringer

Description:

In the spring of 2011, Google chose Council Bluffs Community School District as a beta test site for their Cr-48 Project (now branded Google Chromebook). This session describes the journey from beta testing, to implementation, to evaluation, and finally to operationalization. A brief demonstration of the Chromebook will be included. Big ideas learned along the way will be shared, and time for questions will allow attendees to personalize the lessons learned by the Council Bluffs Community School District.

Using Google Chromebooks in the Classroom

Devin Schoening

Description:

Google Apps Education edition and Google Chromebooks are becoming the standard platform for student computing in Council Bluffs. This presentation will discuss lessons learned during the implementation - - including document management, classroom management, instructional integration and staff professional development.

Technology in the Primary Classroom

Rena Salisbury, Glen Jagels and Lynn Spady

Description:

Salisbury, Jagels and Spady from Westside Community Schools will share insight into the use of iPads as a learning tool in the primary classroom. Don't miss this session if you or your districts are considering increasing student iPad use. Presenters will share the challenges and successes of mobile technology in the primary classroom.

Project Based Learning for the 21st Century

Tony Gunter - Apple Computers

Description:

Every teacher and student deserve to have a digital learning tool in their hands. The Apple Blended Learning Environment makes that possible – MacBook provides the full power of a computer for creative expression, iPod touch provides anytime, anywhere learning, and iPad is one of the best ways to experience content. Get your hands on these tools, and see how they can transform teaching and learning across the curriculum.

The T&E in STEM: Opportunities for Problem Solving, Critical Thinking and Innovation

Dr. Neal Grandgenett and Dr. Elliott Ostler – University of Nebraska at Omaha

Description:

Research in STEM Education is rapidly expanding. In particular, national recommendations note the T&E of STEM (Technology and Engineering) can be used as key opportunities for problem solving, critical thinking and innovation in more traditional science and mathematics coursework, such as physics and algebra. This session will provide an overview of new STEM educational research documents available, as well as provide examples of how new technologies (such as iPads) can help to enhance STEM instruction. Further, the session will review new engineering platforms, including educational robotics, so T&E serve as a catalyst to better understanding across the STEM disciplines.

Creating Digital Textbooks

Robbie Jensen - ESU #3

Description:

Digital books are quickly creeping into schools, but how can we ensure the content students are accessing coincides with what we want them to learn? We can create it! This session will focus on the creation of digital books (ePubs) and how to gain access to free digital content that is both available and engaging! Discover how books are no longer just words and pictures.

Health and Fitness

Michael Edwards – iSchoolintiative.org

Description:

Health/Fitness uses intuitive, visually appealing applications to show a new way of involving students in their personal health. Learning new workouts, logging daily meals and tracking runs via GPS are all possible and easy to learn for both students and their health instructors.

How to be Successful with your 1:1 Initiative

Scott Drossos. Senior VP of 1:1 Initiatives - Pearson

Description:

More and more school districts are exploring implementing a pervasive mobile computing strategy to help students develop 21st Century Skills and enhance student engagement. In this engaging session you will learn about the Pearson 1:1 Framework that has been developed for K-12 schools and school systems. The Pearson 1:1 Framework is grounded in current research and based on best practices from the most successful one-to-one implementations in the U.S. Pearson's methodology is different from traditional approaches by component product and service providers whose piece-meal approaches often generate little or no academic benefit. Understanding what works and how to bring it all together is essential in successful 1:1 initiatives - - in order to ensure that the initiatives help prepare students for college and workforce readiness.

Edcamp Lunch

Josh Allen

Description:

EdCamp is a (relatively) new form of professional development which is highly flexible, and based on the needs of the participants. Josh Allen will introduce the steps necessary for providing quality professional development in this information setting during the opening and then it is up to you to sign up to engage others in meaningful conversation over lunch.

Digital Storytelling

Arvin Ross - Director of Product Development ischoolinitiative.org

Description:

Digital Storytelling takes the ancient art of oral storytelling and engages a palette of technical tools to weave personal tales using images, graphics, music and sound mixed together with the author's own story voice. The technology tools invite writers and artists to invent new types of communication outside traditional linear narratives. The presenter, Arvin Ross, is a sophomore at Kennesaw State University. He has honed his skills in digital photo editing and photography under the leadership of his mentor Kito Johnson the Senior Pastor of Covenant Christian Center in Canton, Ga. Ross has found the mission of the iSchool Initiative allows him to help bring the future of education into the here-and-now.

Critical Thinking and Problem Solving

Dr. Kenneth Wesson

Session #1, 11 a.m. – 12 p.m. How do we prepare students academically for that uncertain future?

Description:

In a rapidly changing 21st-century economy, where global economic leadership is shifting and where unpredictable new technologies will impact the workplace of the future, how do we prepare students academically for that uncertain future? Continuing to teach isolated subject matter, skills and concepts in ways independent of understanding how they will be used in the 21st century workplace and how they are connected to one another does a disservice to the learner, to the knowledge at stake and to our economic future. Our ultimate educational goal is "career preparation" in which students learn to think critically, to communicate and collaborate, and to develop problem-solving repertoire in order to solve problems that don't exist yet.

Session #2, 1:20 p.m. - 2:15 p.m., Do we "go to school to learn" or does learning take place inside the brain anywhere the brain goes?

Description:

Composed of more than 150 different types of cells, the human brain is the most fascinating of all known organs. There are over 100 billion neurons, whose interconnections exceed the one quadrillion figure. Most importantly, robust neural pathways rearrange themselves efficiently to generate new conceptual understandings. The mind becomes what the brain does or does not do. What, when, and how the brain learns ultimately determines what its owner is capable of learning in the future.

Collaboration with Mobile Video Conferencing Solutions

Bill Menousek, Jeff Ingraham - ESU #3

Description:

During this session you will be guided by Bill Menousek on the use of Facetime and other video conferencing apps to see how you can connect your classrooms for numerous reasons. You will connect with Jerry Green, Principal of Fort Calhoun High School and Ranger Butch Davis at the Minuteman Missile National Historic Site.

MacWorld App List

<http://tinyurl.com/macworldapps>

App Chronicles

<http://tinyurl.com/appsgonefree>

Apple - Challenge Based Learning

<http://ali.apple.com/cbl>

Dr. Kenneth Wesson

<http://www.sciencemaster.com>

Google Chromebook

<http://google.com/chromebook>

Chromebook Blog

<http://www.chromebookblog.com>

SNDLC Videoconferencing

<http://tinyurl.com/sndlc>

Center for Interactive Learning and Collaboration

<http://tinyurl.com/cilcsearch>

Collaborations around the Planet

<http://projects.twice.cc>

iPad Schools Wiki

<http://ipadschools.wikispaces.com>

iPads in Education

<http://ipadeducators.ning.com>