



Oak Park Elementary School District 97

TO: Members, Board of Education
Dr. Albert Roberts, Superintendent of Schools

FROM: Kevin M. Anderson, Ed.D., Asst. Supt.

RE: Digital Learning: Grades 3-5

DATE: April 12, 2011

The attached outline highlights the presentation on Digital Learning in grade 3-5 that will be shown by Susan Oxnevad, Teacher-Leader for Technology. The presentation will focus on a collaborative learning activity involving 11 classrooms in District 97 and classrooms from around the United States. Included in the lessons are activities dealing with Internet safety, online etiquette, grade level social studies content, and online discussion and collaboration. This program is currently underway and will continue through the spring.

Board Presentation Outline – April 12, 2011
Tech Integration in Grades 3-5 --Susan Oxnevad

Instructional Tech Goals

- NETS-aligned
- 21st Century Learning experiences
- Progress through the stages of technology integration to reach **adaptation** stage
- One computer classroom, open 24/7
- Rtl / UDL, using the computer as a tool to support all learners
- Help teachers develop *Tech Toolkit of Resources*
- Internet Safety
- Compacting the crowded plate

Overview: Samples by Grade

- 3rd Grade – Follow progress of Sandra Flowers' Class, example of meeting all instructional goals identified above
- 4th Grade – Regions of the US collaborative grade level project
- 5th Grade – Road to Revolution collaborative grade level project

3rd Grade, A Glimpse of One Classroom - Mrs. Flower's Highlights

Samples projects with instructional goals met

- Glogs – Civil Rights Heroes
 - Adaptation: using technology to construct knowledge
 - Compacting the crowded plate
- Using Wordle to introduce a concept
 - Universal Design for Learning
 - Rtl Tier I
- Wild Self Wiki
 - Internet Safety
 - 24/7 Classroom
- VoiceThread Lit Circles
 - 2^{1st} Century Learning
 - Universal Design / Rtl
- Public Service Announcement Videos
 - 4 C's
- All projects
 - NETS aligned
 - Develop a tech toolkit of resources
 - Adapted for the one computer classroom

4th Grade – Regions of the US—Bring the Textbook to Life

- Collaborative grade level project
- 40 classrooms across US participating, 11 in Oak Park
- Ongoing, designed to meet my instructional tech goals
- Two major components
 - Ongoing activities designed to engage students 24/7, offering students choices and opportunities to participate at various levels.
 - One whole class activity per month will focus on Internet-safety, Digital Citizenship and learning Web 2.0 tools that incorporate elements of Universal Design for Learning
- **Ongoing Activities for the 24/7 Classroom**
 - **Student generated discussions**
 - Designed to learn about living in different regions
 - Extends walls of the classroom, open 24/7
 - Very popular feature
 - Monitored and guided (Good Discussions Glog)
 - **Spotlight**
 - Designated spot on the front page of wiki
 - Features videos of classroom activities
 - Science experiments
 - Classroom projects
 - A playground tour
 - Discussions linked
 - **Mystery Photos**
 - Photos of known locations displayed
 - Students engage in conversations to try to solve the mysteries
 - Encourages research, quick research tips provided
 - Used to introduce research tools
 - **Surveys and questions of the week,**
 - Featured on home page
 - Results displayed in variety of forms
 - Traditional graph
 - Wordle
 - AnswerGarden
 - Used as examples to understand March activity, collecting information
 - Discussions linked
 - **Classroom Pages**
 - Each class has a place publish the types of learning activities going on in classrooms
 - Discussions are part of this activity
 - Examples:
 - Vermont Science Experiment
 - New Jersey Playground Tour
 - Oak Park Figurative Language

- **100 Facts Challenge**
 - Weekly contest using Google Form and spreadsheet
 - Students goal is to generate 100 facts about each region to get beyond the basic information
 - Designed to encourage research, includes links to good resources
 - Weekly winner gets chance to create and publish a talking avatar, voki, on the home page of the wiki.
 - Sample voki
 - Sample facts
- **Photo Galleries**
 - Students collect copyright-friendly images
 - Upload to Picassa web albums
 - Type a caption to describe the photo and location
 - Photo galleries are available for viewing on wiki

Monthly Activities: At a Glance

Focus on Internet-safety, Digital Citizenship and learning to use additional Web 2.0 tools to incorporate elements of Universal Design for Learning and help teachers develop a tech toolkit of resources

- January: Get to Know Each Other / Getting Started with Our Wiki
- February: Building Collaborative Photo Galleries Using Copyright-friendly images
- March: Learning About Lifestyles Using a Variety of Tools to Collect Information
- April: Our Voices – Conversations Live and WorldWide Using VoiceThread and Skype
- May: Culminating Activity – Collaborate to create an Advertisement for Visiting a Region

Monthly Activities: A Closer Look

- **January: Get to Know Each Other / Getting Started with Our Wiki (Show illustration step-by-step guided learning)**
 - Intro to wikis - video
 - Focus on Internet safety
 - Avatars and Internet Safety Lesson
 - Personal vs. Private
 - Live and Worldwide
 - Netiquette, web etiquette
 - Request account/agree to terms
 - Good discussions
 - Google Earth tour
- **February: Building Collaborative Photo Galleries for Each State**
 - Intro to Picassa Web Albums
 - Focus on Copyright and Copyright-friendly images, Prezi
 - Students find photo
 - Upload photos to galleries

- Include comments to identify photos and provide additional information
 - Many discussions are based on photos
 - Photos used as mystery photos
 - Culminating activity will include some of the photos
- **March: Learning About Lifestyles**
 - Intro to collecting information through a survey
 - Focus on matching question to the tool, Google Presentation and Screencasts
 - Use concept-mapping software to brainstorm ideas and best tools
 - Create survey and publish on the wiki
 - Collect information
 - Publish results on the wiki
- **April: Our Voices – Conversations Live and WorldWide**

Students will contribute to an online conversation about regions using VoiceThread.

 - Intro: Using VoiceThread and classroom management, Screencasts
 - Focus on netiquette for online conversations
 - Generate discussion topic as class
 - Photos
 - Survey results
 - Classroom pages
 - Anything from the wiki project
 - Students use avatars/pen names to comment on the VoiceThread
 - Optional activity: Skype – Guess our location with another classroom
- **May: Culminating Activity - Create an Advertisement for Visiting a Region**

Students will work collaboratively and virtually to create an online poster, or glog, as an advertisement for visiting a region.

 - Intro: Why Glog? A Glog to model glogging
 - Focus: Collaboration across regions
 - Assign jobs based on learning style
 - Project Manager
 - Graphic Designer
 - Word Smith, Copy Editor
 - Audio Production Manager
 - Create glogs and publish on wiki
 - Students will use criteria to evaluate completed group projects and take advantage of one more learning opportunity.

5th Grade The Road to Revolution—Online Learning Simulation

- Collaborative grade level collaborative project, Oak Park only this year
- 10 classrooms participating
- Designed to meet all instructional tech goals
- Aligned with NETS S and Illinois social studies standards
- Uses the computer as a tool for writing
- Two major components

- Online simulation
 - Interactive game created by PBS
 - Students assume roles and make choices to determine fate
- Wiki
 - Guided activities for teachers to follow
 - UDL, student choices for responding to learning
 - Wiki journal
 - Online drawing
 - Online discussion
 - Modifications for paper and pencil activities
 - Jeopardy review
 - Extensions allow for flexible classroom format options
 - Lab
 - Whole class
 - Groups