## WORKSHOP III

### iPAD Apps that support instruction using CCSSELA
**Presenter:** Tanya Flushman – Room 126

In this session, participants will be exposed to a variety of iPad literacy apps that will support standards-based instruction in a variety of scenarios in the elementary classrooms (whole group, small group, and individual).

### Building Tried and True Digital Reading Strategies with Subtext
**Presenter:** Holly Clark – Room 214

The Subtext app is pure educational bliss for teachers. Learn how to make student groups, interact collaboratively with the reading, ask comprehension questions and add additional visual information to expand student comprehension of reading material and address all learning styles.

### Inviting Wikipedia In, Part 2: Wikipedia's Education Program
**Presenter:** Jane Lehr – Room 127

Learn about Wikipedia's Education Program and other available resources for educators, review examples of existing Wikipedia-based assignments for secondary students, and gain hands-on experience as a Wikipedia editor.

### Make CCSS & NGSS come alive-Using Computer Modeling as a communication tool for Inquiry Based learning!
**Presenter:** Vic Castillo – Room 114

During this talk, we demonstrate a free, open-source tool called Netlogo that you can download and use in your classroom to engage students in modeling and arguing from evidence – key practices in both CCSS and NGSS.

### Making Connections with Social Media
**Presenter:** John Miller & Liz Meyer – Room 101

"I'm so far behind with using technology in my classroom, that I don't know where to begin." Sound familiar? Learn how to build your own highly customized personal learning network for professional development. Connect with other educators just like you and discover how to leverage social media outlets such as Twitter, Facebook, and YouTube to reach students, parents, and colleagues around the world.

February 8, 2014

# Central Coast Teacher Technology CHALLENGE DAY
California Polytechnic State University



**Cal Poly Digital Ambassador Program Website:** http://soe.calpoly.edu/content/pewter

**Cal Poly SOE Website:** http://soe.calpoly.edu/

#slocue #CCTTCD2014

## KEYNOTE

### Game Changers: How Connections & Collaboration are Redefining Learning

**Holly Clark, M.Ed., Google Certified Teacher, CUE International presenter**

Author of the Connected Student Series on Edudemic, Holly Clark, draws on examples of how she used the power of connected learning and student global collaborations to redefine the classroom and engage all learners.

## PLENARY

### Smarter Balanced Assessment Consortium (SBAC) Overview

**Beverly Young, Assistant Vice Chancellor Academic Affairs, California State University**

Beverly Young from the CSU Chancellor's office will overview the new Smarter Balanced Assessment, highlighting implementation progress in our State and throughout local school districts, and the advantages to student learning.

## SESSION I

### Track A: Blogging In the Elementary Classroom
**Presenter:** Lisa Nowakowski – Room 126
Participants will see how blogging is changing writing in classrooms. Students have a much wider audience. No longer are they just writing for their classmates and teachers. They are now writing for the world to see. Students express their thoughts, passions, and learnings with others from around the world.

### Track A: The Sound of the Common Core Classroom
**Presenter:** Rich Hovey & Marc Townsend– Room 126
Too many teachers strive for library-like silence in their classrooms, often starving their students' natural appetite for sound. Participants will hear how music, the lifeblood of the noisy classroom, is used along with argument, discussion, public speaking, group work, and movement to promote assessment success in the Common Core classroom.

# Session Descriptions

## SESSION II Cont'd.

### Track B: A Little Seasoning with your Weather?
**Presenter:** Patricia Judd – Room 214
This session will take a look at the concept of weather along with the concept of seasons and seasonal differences. Through a collaborative approach using real time data for San Francisco, Ca and Melbourne, Australia, students will apply the model for seasonal differences to the data. Predominant student misconceptions regarding seasonal differences will be compared to this data along with scientific text so that students can clarify the misconceptions.

### Track C: e-Portfolios and CCSS
**Presenter:** Julie Herron & Liz Meyer – Room 127
This session will explore how to set up and use e-Portfolios to help students plan and showcase work that is collaborative and interdisciplinary in nature. Participants will learn how to build a digital portfolio using GoogleSites and Weebly: free, flexible tools to plan, discuss, store, and showcase students' digital work.

### Track D: Make CCSS & NGSS come alive-Using Computer Modeling as a communication tool for Inquiry Based learning!
**Presenter:** Vic Castillo - Room 114
What is computer modeling? How does it work? Who uses it? Why is modeling such an important part of CCSS and NGSS? How can you start using these tools in your classroom today? During this talk, we demonstrate a free, open-sources tool called Netlogo that you can download and use in your classroom to engage students in modeling and arguing from evidence – key practices in both CCSS and NGSS.

### Track E: Hands on iPads: Tips and tricks in the classroom
**Presenter:** Henry Danielson & Colleen Poynter – Room 101
Beginner Level. This session will cover tips and tricks on iPad use in the classroom. Come try out the iPad and learn some tips and tricks for classroom use and explore two apps that will enhance student engagement. Participants will leave with effective ways to utilize the iPad in the classroom. Discussion and Q&A from Coast USD Rock Star Teacher and Director of Technology.

# Session Descriptions

### Track E: Introduction to Google Apps for Education
**Presenter:** John Miller & Liz Meyer – Room 101
Discover how you can transform your classroom into a showcase for Common Core infused digital lessons and activities in this session designed for beginners. We'll define cloud computing, explore the concept of students as content producers, and examine what a 21st century classroom workflow looks like through the lens of Google Apps for Education.

## SESSION II

### Track A: Fractions, Recipes & Technology
**Presenter:** Lisa Nowakowski - Room 126
In this session, participants will see the power of Project Based Learning (PBL) and alternative assessments. See how a 5th grade class applied fractions to the real world. Students manipulated recipe ingredients, and give presentations as their assessment. Lesson and rubric provided.

### Track A: Becoming a 1:1 or BYOD Classroom to Increase relevance and rigor (using Nearpod)
**Presenter:** Kristi Fuller – Room 126
Interested in becoming a BYOD or 1:1 class?  Or just in incorporating technology in a new, innovative way?  We'll be discussing how to use an app called Nearpod (available for Android or Apple) to create lessons that entice students to learn while promoting their critical thinking, their ability to reason and justify their conclusions, and their student-to-student interactions and critiquing of one another's work.

### Track B: Become a Google Apps Ninja to reach CCSS & NGSS
**Presenter:** Pam Rickard – Room 214
Use Google Apps for Education to create a student-centered classroom!  Use Google Sites to differentiate your math classroom. Uncover student misconceptions in science and math using Google Forms.  Find out how students use Google Drive to construct arguments and model science ideas.  Learn new ways to manage your workflow (no more taking home stacks of papers or journals).

### Track B: Using Schoology and the Flipped Classroom to Increase Student Engagement and Mastery of the Next Generation Science Standards
**Presenter:** Christine Woodman – Room 214
By the end of the presentation, participants will gain the skills to incorporate the Schoology LMS and flipped instruction in their own classrooms immediately. Incorporation of other online learning tools such as Google tools, digital portfolios, YouTube lessons, and untethered iPad based lesson presentation will also be covered.

### Track B: CSI: Physics Collisions
**Presenter:** Mark Fairbank & Luke Bernardy – Room 214
This session will demonstrate how to incorporate real-world experiences and student interests to teach curriculum. A real crime scene is created and students, or "collision experts" investigate the crime scene and provide recommendations on pressing charges to the police department via memos and whiteboard presentations to the class. Physics concepts involved: kinematics, energy, forces, momentum.

### Track C: Smart Board & Elementary Mathematics
**Presenter:** Julie Herron – Room 127
This interactive session will demonstrate various ways to use your SMART board and tools and resources to make the most of Interactive White Boards (IWB) in your CCSS-aligned mathematics lessons.

### Track D: Inviting Wikipedia In, Part 1: Secondary Source Analysis of Wikipedia Pages on Women and People of Color in Science and Engineering Fields
**Presenter:** Jane Lehr – Room 114
Learn about the growing movement of educators integrating the analysis and editing of Wikipedia into their classrooms. Gain hands-on experience analyzing components of the Wikipedia pages of women and people of color in science and engineering fields to identify patterns of bias related to the inclusion and omission of information.

# CENTRAL COAST TEACHER TECHNOLOGY CHALLENGE DAY SCHEDULE

| | TRACK A<br>Elementary<br>(ROOM 126) | TRACK B<br>Secondary<br>(ROOM 214) | TRACK C<br>(ROOM 127) | TRACK D<br>STEM<br>(ROOM 114) | TRACK E<br>Beginner Sessions<br>(ROOM 101) |
|---|---|---|---|---|---|
| **Registration & Coffee**<br>8:30 – 9:00 | Advanced Technologies Lab, Bldg 7 | | | | |
| **Keynote**<br>9:10-9:50 | Holly Clark, "Game Changers: How Connections and Collaboration are Redefining Learning"<br>(Advanced Technologies Lab, Bldg 7) | | | | |
| **SESSION I**<br>10:10-11:00 | Blogging in the Elementary Classroom (Lisa Nowakowski)<br><br>The Sound of the Common Core Classroom (Rich Hovey & Marc Townsend) | Using Schoology & the Flipped Classroom… (Christine Woodman)<br><br>CSI: Physics Collisions (Mark Fairbank & Luke Bernardy) | SMART Boards & Elementary Mathematics (Julie Herron) | Wikipedia 1 (Jane Lehr) | Intro to Google Apps for Education (John Miller & Liz Meyer) |
| **SESSION II**<br>11:10 – 12:00 | Fractions, Recipes, & Technology (Lisa Nowakowsi)<br><br>Becoming a 1:1 or BYOD Classroom (Kristi Fuller) | Become a Google Apps Ninja (Pam Rickard)<br><br>A Little Seasoning with your Weather (Patricia Judd) | ePortfolios & CCSS (Julie Herron & Liz Meyer) | Make CCSS & NGSS come alive using Computer Modeling (Vic Castillo) | iPADs for beginners (Henry Danielson & Colleen Poynter) |
| **LUNCH and extension time**<br>12:20 – 12:50 | iPads | Google Apps | ePortfolios & SMART boards | Computer Modelling | Wikipedia |
| **WORKSHOP III**<br>1:00 – 1:50 | iPADs & CCSSELA (Tanya Flushman) | Subtext (Holly Clark) | Wikipedia 2 (Jane Lehr) | Computer Modeling (Vic Castillo) | Making Connections with Social Media (John Miller & Liz Meyer) |
| **CLOSING**<br>2:10-3:00 | Beverly Young, Smarter Balanced Assessments (Advanced Technologies Lab, Bldg 7) | | | | |