

COMMON CORE STATE STANDARDS & TECHNOLOGY INTEGRATION



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2nd Annual Common Core Conference

- **Technology Integration – “Flipping the Classroom”**
- **Workshops on ELA & Math**
- **Parent Communication**
- **Grading and Reporting**
- **Curriculum Mapping**
- **Lesson Planning**

Leveraging Technology to Creatively Teach the Common Core

- **Catlin Tucker**

- Exploring technology to engage students in active learning
- Getting creative with our approach to teaching
- Blending work online with work in traditional classroom (*Flipping*)
- *Discuss teaching models that better prepare students for a global economy*

Flipping the Classroom to Address the Common Core

- **Explore online resources**
- **Strategies for designing flipped lessons**
- **Techniques for engaging students around the content both online and in class**
 - **Pair media with online discussions, debates, and collaborative group work to address the Common Core State Standards for English and Math while teaching media and literacy and digital fluency**

www.todaysmeet.com/acly

Key Phrases from the Common Core Standards

- **Communicate and Collaborate**
- **Research, Read, and Reflect**
- **Research to build knowledge**
- **Research to present knowledge**
- **Take notes and categorize information**
- **Summarize and paraphrase information**

Communicate and Collaborate

“Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.” (CCSS)

www.todaysmeet.com

“Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback, including new arguments or information.” (CCSS)

 Wikispaces

 Google
Docs BETA

 Collaborize Classroom.
Education to The Power of We™

Research, Read, and Reflect

“Conduct short, as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information..”(CCSS)

www.google.com

www.wolframalpha.com

Research to Build Knowledge



“Integrate visual information (e.g., In charts, graphs, photographs, videos, or maps) with other information in print and digital text.” (CCSS)

- **Google Earth**
- **Real World Math www.realworldmath.org**
- **Free Tech For Teachers www.freetech4teachers.com**

“Include multimedia components (e.g., graphics, images, music, sound) and visual displays in presentations to clarify information.” (CCSS)

- **QR Stuff (Infographs) www.qrstuff.com**
- **Video Lessons www.learnzillion.com**

The logo for Blinkx, featuring the word "blinkx" in a colorful, lowercase font where each letter is a different color (b: red, l: yellow, i: green, n: blue, k: purple, x: pink).

Research to Present Knowledge

“Review the key ideas expressed and demonstrate understanding of multiple perspectives through reflection and paraphrasing.” (CCSS)

- www.sparknotes.com



OttoBib

Take Notes and Categorize Information

- **Mobile device apps**
 - **Evernote**
 - **Timeline Eons**
 - www.educrations.com



GUMNOTES

dipity

Education Place

bubbl.us

capzles BETA
time: captured.

Summarize and Paraphrase Information

**“Compare and contrast the experience of reading a story, drama, or poem to listening to or viewing an audio, video, or live version of the text.”
(CCSS)**

www.zamar.com

www.bookshouldbefree.com

<http://edu.glogster.com>

Assessments

- www.socrative.com
- www.polleverywhere.com
- www.mentimeter.com
- www.todaysmeet.com



Resourceful Weblinks

- **Connecting Apps to the Common Core Standards**

- www.appitic.com

- **Web 2.0: Cool Tools for Schools**

- www.cooltoolsforschools.wikispaces.com

- **Writing**

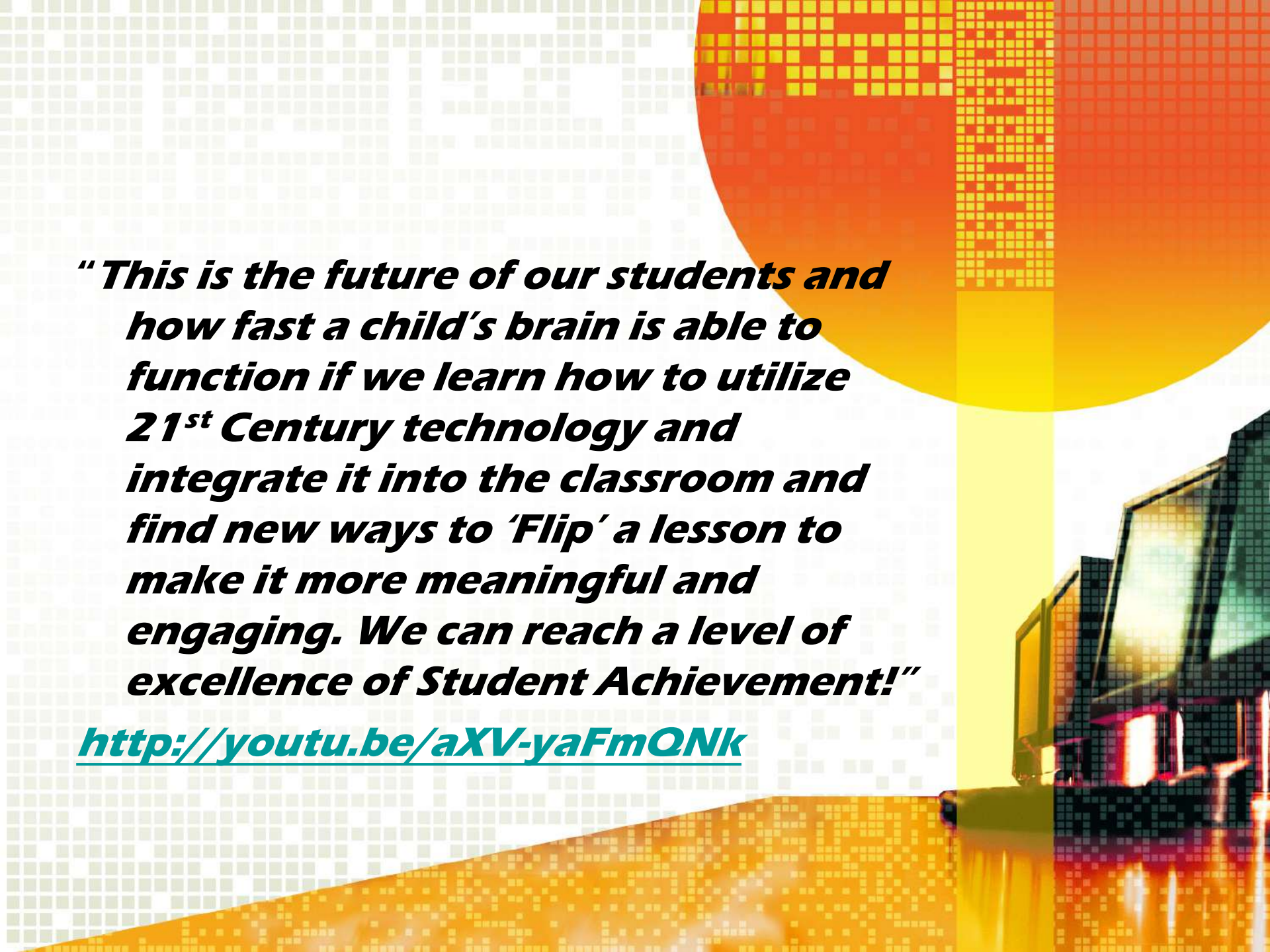
- www.helpkidswrite.com

- **Teacher who brought new meaning to 'Flipping your Classroom'**

- www.catlintucker.com

- **Flipped Mini Lessons –**

- www.ed.ted.com



“This is the future of our students and how fast a child’s brain is able to function if we learn how to utilize 21st Century technology and integrate it into the classroom and find new ways to ‘Flip’ a lesson to make it more meaningful and engaging. We can reach a level of excellence of Student Achievement!”

<http://youtu.be/aXV-yaFmQNk>

Unpacking CCSS

**Big
Ideas/Major
Concepts**

**Essential
Questions**

Core Content

Skills

**Evidence of
Learning/
Assessments**

Key Ideas
Questions
Main idea/topic
Key Details
Connections
Restatements
Predictions

Craft and Structure

**Integration of
Knowledge and
Ideas**

- **Answers** specific questions about key information in the text
- **Formulates and answers** who, what, why, when, where, and how to determine key information in the text
- **Identifies** the main idea of a text
- **Explains** the connection between key events and ideas in a text
- **Restates** important information from multiple texts
- **Predicts and supports** conclusions or endings in a text

Strategy to use with Teachers

- **ELA Standards**

- **Take out the Writing Standards**

- 1. Identify the Anchor Standards**

- 2. Go through one Anchor and underline the changes in each set throughout the grade level. (verbs)**

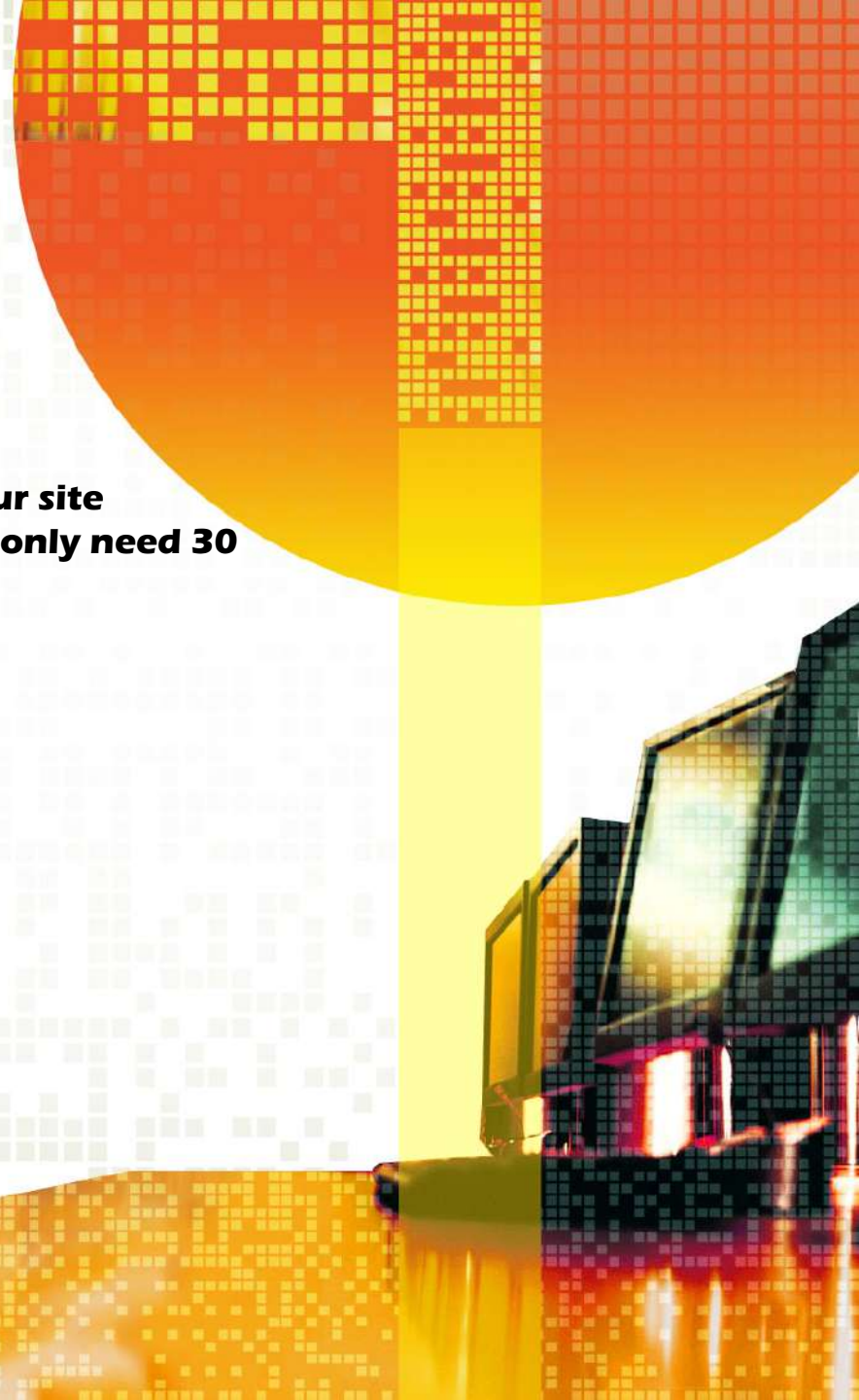
Google Advance Search

- **You can Google lesson plans on concepts you are teaching**
 - **Example: If you are teaching 'Integers' you can filter lessons depending on the type of file you want to use. Type in:**
 - **[integers.ppt](#)** for a powerpoint presentation
 - **Or [integers.swf](#)** for shockwave flash player (interactive boards presentation)
 - **If you are teaching a social studies concept: [Ancient China.kmz](#) for google earth presentations**

Questions?

**Please sign up for a date when I can come visit your site
* This would be during a Staff Meeting since I will only need 30
minutes max.**

Thank you for your continued support!!!



Writing Skills

BOUND MATH GOT
WEBSITE SEARCH CHOICE
INTERNET POETRY SCHOOL ENTIRE USE
DEDICATED KEYWORD SOCIAL VOICE
WRITINGFIX TOPIC
EXAMPLES TRY FIND
LESSON GO
SOMETHINGRAFT MIDDLE SEARCH EVER
EVALUATING CORNER GOOD STUDIES TERM
HTTP://2ICIF.COM NARRATIVE SITE ALMOST
PROCESS
BRAINSTORMING FIX WRITING STUCK CONVENTIONS HAND
LOVE PERSUASIVE SENTENCE SUGGESTIONS
ORGANIZATION TRICK EXPOSITORY
ONE GRAMMAR MENTOR RESEARCH
HOMEPAGE SCIENCE IDEAS GIVE
DEEP RICH ONLINE
INCREDIBLY ELEMENTARY SEARCHING TRICK
PASSIONS RESOURCES WRITING BOX
TEXTS PRIMARY DIRECTLY FLUENCY USE
HIGH SECOND HISTORY UPPER
MOOD ENGINE WORD RIGHT
WAC TONE STYLE

Keys to Motivation

1. Accountability

1. Time, proximity, required task

2. Success

1. Complete tasks faster, work is more accurate, demonstrate new learning

3. Specific Feedback

1. Explain what is right about the answer and provide corrective feedback

4. Create Interest

1. Novelty, Vividness, Importance to students

5. Feeling Tone

1. Safety, fun & enjoyment, belonging, independence, valued purpose

-Larry Deignan "Powerful Keys to Motivating All Students"

2nd Annual Common Core Conference

Designing Motivating Lessons

“Lesson plans often focus on **what the teacher will do**. Shift the focus of lesson plans to **what the students will do**. ”

- **Larry Deignan**