Integrate Technology By Expanding Your Toolkit

Presented By:
Jill Badalamenti
Betsy Harrigan

A Day in the Life of…

4:45 am – Wake up after hitting the snooze 2 times

5:00 am – Get a shower while thinking about everything I need to accomplish

5:05 am – Realize I put on the wrong shampoo because I was thinking about everything I need to accomplish

6:00 am – Decide if I should get my kids up yet or enjoy a few minutes of peace in the morning

A Day in the Life of…

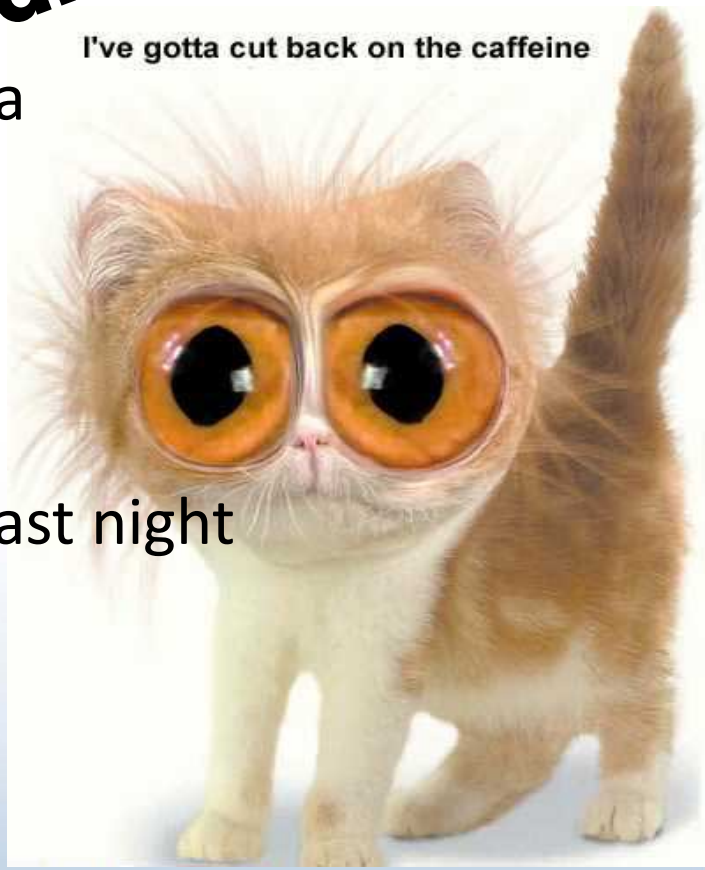
6:15 am – Drive to work, hoping not to hit any deer, thinking about everything I need to accomplish

6:43 am – Stop and get my morning soda

6:45 am – Arrive at school

7:00 am – Check my email, undoubtedly there are new ones since last night

I just got to work and I'm already tired!

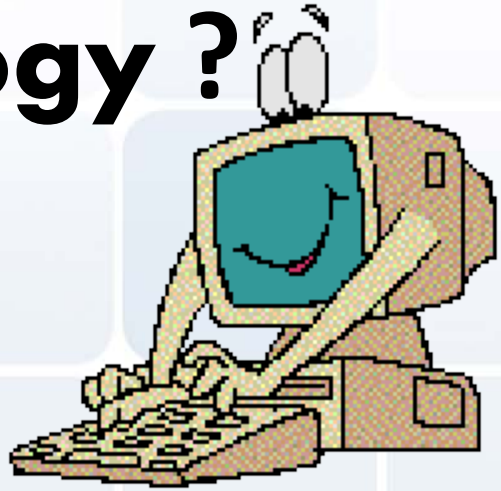


A Day in the Life of…

- I've been up for 2 ½ hours and the most technology I've used is my alarm clock!!!!
- So when do I actually start **using** technology?
- When do I actually start **integrating** technology?

Using Technology Vs. Integrating Technology

What is *Using* Technology ?



- Turning on your Ipod

- Using your computer to check email
- Texting on your cell phone

- Inputting your grades

What is *Integrating* Technology?

- Learning through computers, not about them
- Actively engaged in the learning process
- Everyday use that enhances learning
- Improves student learning
- Motivates students
- Increases collaboration and cooperative learning

This is Technology Integration

NETS for Students

© TemplatesWise.com

Creativity and Innovation

Students demonstrate creative thinking, construct knowledge and develop innovative products and processes using technology. Students:

- apply existing knowledge to generate new ideas, products or processes
- create original works as a means of personal or group expression
- use models and simulations to explore complex systems and issues
- identify trends and forecast possibilities

Movie Maker

Audacity

Go Animate

Glogster

Big Huge Labs

Wordle

Tikatok

Communication and Collaboration

Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. Students:

- interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media.
- communicate information and ideas effectively to multiple audiences using a variety of media and formats.
- develop cultural understanding and global awareness by engaging with learners of other cultures.
- contribute to project teams to produce original works or solve problems.

GOOGLE DOCS
ANSWER GARDEN
ANIMOTO
GLOGSTER
TITAN PAD
VOICE THREAD
WALLWISHER

Research and Information Fluency

Students apply digital tools to gather, evaluate, and use information. Students:

- plan strategies to guide inquiry.
- locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
- evaluate and select information sources and digital tools based on the appropriateness to specific tasks.
- process data and report results.

Word Sift

Infoplease

Arkive

Easy Bib

ERGO Research Skills

Live Binders

Critical Thinking, Problem Solving, and Decision Making

Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. Students:

- identify and define authentic problems and significant questions for investigation.
- plan and manage activities to develop a solution or complete a project.
- collect and analyze data to identify solutions and/or make informed decisions.
- use multiple processes and diverse perspectives to explore alternative solutions.

SAS Curriculum

Google Earth

Yacapaca

Jeopardy Labs

Answer Garden

Digital Citizenship

Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students:

- advocate and practice safe, legal, and responsible use of information and technology.
- exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.
- demonstrate personal responsibility for lifelong learning.
- exhibit leadership for digital citizenship

NetSmartz

Article Checker

Citation Machines

Jeopardy Labs

Technology Operations and Concepts

Students demonstrate a sound understanding of technology concepts, systems, and operations.

Students:

- understand and use technology systems.
- select and use applications effectively and productively.
- troubleshoot systems and applications.
- transfer current knowledge to learning of new technologies.

Atomic Learning

eHow

How Stuff Wokrs

Jing

Now Let's Expand Your Toolkit!

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Marzano's Classroom Instruction That Works

Integrating Technology into the Classroom using Instructional Strategies
based on the research from:
Classroom Instruction that Works
by Robert J. Marzano, Debra J. Pickering, Jane E. Pollock

These authors have examined decades of research to determine which teaching strategies have positive effects on student learning. To learn more about these strategies, click on Building Better Instruction by Kathy Brabec, Kim Fisher, and Howard Pitler. Another article, **Focus on Instruction**, by NREL, gives K - 12 examples of classroom activities. The following activities offer technology resources to give students the opportunity to increase their academic achievement.

Identifying Similarities and Differences
Summarizing and Note Taking
Reinforcing Effort and Providing Recognition
Homework and Practice
Cooperative Learning
Nonlinguistic Representations
Setting Objectives and Providing Feedback
Generating and Testing Hypotheses
Cues, Questions, and Advanced Organizers

Identifying Similarities and Differences

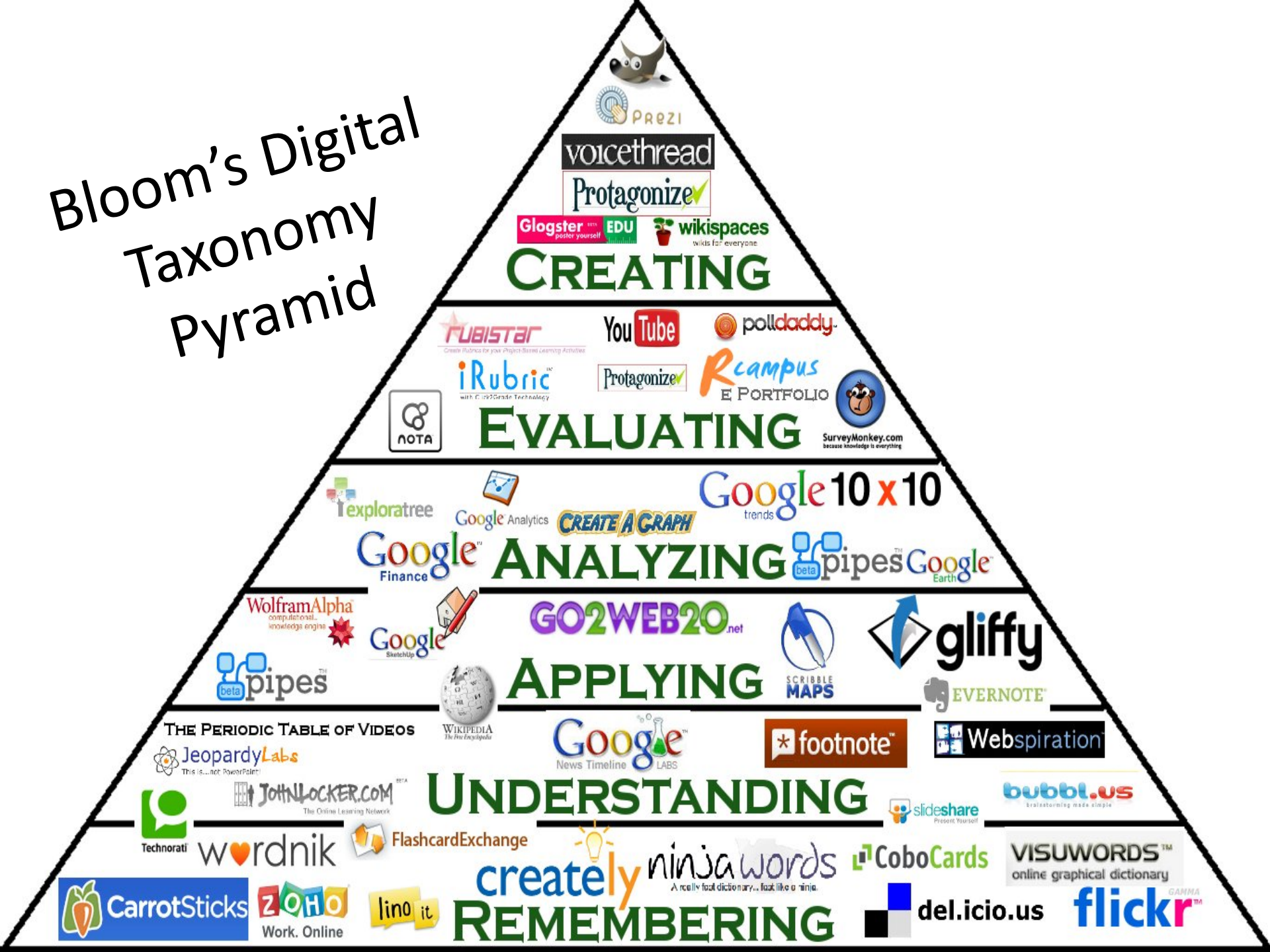
This strategy focuses on the mental processes that students can use to restructure and understand information. Classroom activities that ask students to identify similarities and differences include comparison tasks, classifying tasks, and the use of metaphors and analogies. These strategies result in understanding content at a deeper level. To learn more about Similarities and Differences, click on Research and Implementation Strategies.

Technology Resources:

Comparing
Venn Diagram
Comparison Matrix

Classifying
Word Sort

Bloom's Digital Taxonomy Pyramid



popplet

shelfari

EDU

TitanPad

TitanPad lets people work on one document simultaneously

We are rescuing EtherPad for your use.

Glogster

poster yourself

wallwisher

Primary Pad

Will You TypeWith.me?

Click to Create a New Document

Communication & Collaboration Tools

AnswerGarden

AnswerGarden

A minimal tool for maximum feedback

Google Docs

KIDBLOG.org

Safe and simple blogs for your students

Glogster EDU

- ✓Teamwork on collaborative projects
- ✓Online Poster
- ✓Teacher control of activities
- ✓Readers can interact with content
- ✓Insert text, audio, graphics, photos, videos, special effects, and more

Virtual Science Fair Projects

ZOOM OUT

-What You'll Need

-2 laser LED light

-2 9 volt batteries (HAVE TO BE BRAND NEW)

-Electric Tape

What A Bright Idea

Dontric Thomason

Kenwood Middle School

214 East Pine Mountain rd

7th Grade

What the Wires and Prongs are doing is called CONDUCTING ELECTRICITY.

All the electric tape is doing is holding the wires down but still allowing the electric current to continue to flow.

Steps:

1: Take The two 9 Volt batteries, set them out then take both of the LED laser lights, wrap their cords around the oppisite prongs at the top. (Positive To Negitive)

2: Take the electrical tape and tape the cords to the prongs.

The Way I Got My Idea Is When I Was Looking Up At My Ceaing Fan Light I Just Started Thinking If I Could Illuminate A Light Bulb With A 9 Volt

The Hypothesis Was To Find Out If You Could Illuminate A Light Bulb With A Lemon Or A 9 Volt Battery. And Which Is More Proficient

Algebra

ZOOM OUT

PEMDAS
P-Parentheses
E-Exponents
M-Multiplication
D-Division
A-Addition
S-Subtraction

By: Jon Dunn, Merle Davis, Josh Malott, and Seirra Hackney

Distributive Property

A way to rewrite problems without actually solving the parentheses

Pi=3.14

EXAMPLE:
8(35)/23
1.) The first step would be to solve the parentheses
(35)8
8x8/22
2.) The second step would be to see if you have any exponents in the equation (Which we do not)
3.) Now you solve the multiplication or division which ever comes first from left to right.
8x864

What is Algebra????

It's a type of math that deals with variables, expressions, and equations.

Conversions
12in.=1ft
3ft=1yrd
5,280ft=1mi
16oz=1lb
2,000lbs=1ton
2c=1pt
2pt=1quart

Townshed Acts

In 1767 British started taxing glass, paper, teas, paints and other goods from Britain. Charles Townsend wanted money to pay governors and judges in the colonies. These were the Townsend Acts. The colonists didnt buy British goods. The taxes were taken off.

The Gaspee Incident

The Gaspee was a British ship that stopped other ships and checked if their goods were smuggled. On 1772 the Gaspee was chasing a ship . John Brown and his men set the ship on fire. The British began to pay the governors salary directly so that they could control him by not paying him entirely.

The Boston Massacre

In 5, 1770 a British soldier named Hugh White was on guard in front of the Customs House on King Street in Boston. People began insulting the soldier. The soldier called for help. 7 soldiers came to help, the people continued to insult the soldier and in the middle of the fighting someone screamed FIRE! The soldiers shot 3 people and injured 8.

Intolerable Acts

The British closed the harbor and until the tea was paid for. They also eliminated the government council and made the quartering act worse so that soldiers would live in private homes now.

The Tea Act

Because of the tax on tea the colonists refused to buy british tea and smuggled it from Holland. So the british sold the tea directly from holland for a cheaper price.

Quartering Act

The Quartering act occurred in 1765. All colonists had to have soldiers in their house and provide them with basic needs for living like

Stamp Act

Beau une maison en vente!

ZOOM OUT

Ma chambre

Mon pre et ma mre chambre

Le Sjour

La Cuisine

Les W.C.

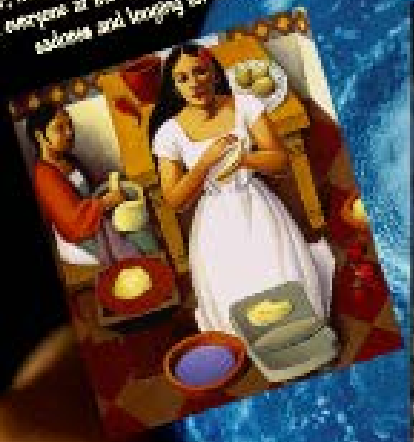
欢迎

SHOW FULL SIZE

Welcome to my Glog! World Literature is one of the most enjoyable classes that I have taken in my college career. I love the way the class was made out to be a real trip and it really helped me get into every story that I read. The literature works and movies picked for this class were brilliant picks. I truly believe I got something from every work I read or watched. I feel that my understanding of literature around the world has greatly improved and I owe it to this class.

Bienvenidos!

Like Water for Chocolate was a really great read. I absolutely loved the magical realism that was used in this story. In particular, the scene in the kitchen where Tita cries into the corn mix and everyone at the wedding who eats the cake feels extreme sadness and longing for their loved ones.



I feel that it's important to recognize and embrace early literature and I really enjoyed the Epic of Gilgamesh. I loved the tragedy of this story and I feel that there is a lovely simplicity to stories like this.

This is my favorite scene from all of the movies that we watched in this class. The sense of hearing and how aware Muhammad is of his surroundings absolutely blew me away. This was a very heartfelt story that I really enjoyed seeing.

Selamat Datang!

Youkoso!

Wallwisher

- ✓ Online Notice Board maker
- ✓ Insert images, video, music, and more
- ✓ Personal note taking, to-do lists, and feedback collection

Wallwisher - Leadership

What makes a Good Leader?
Anyone can follow what someone else is doing..but not everyone can lead them.

tjbads says

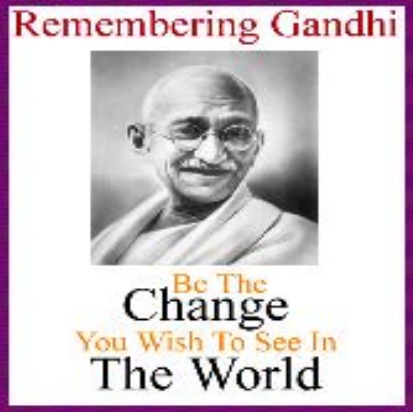
A leader is someone who cares

ZOOM

Aug 26, 2011 Edit

tjbads says

A leader is someone who listens.

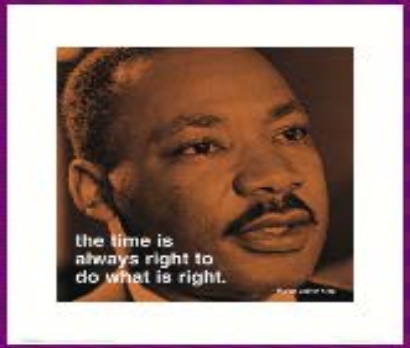


ZOOM

Aug 26, 2011 Edit

tjbads says

Martin Luther King Jr. was a great leader.



ZOOM

Aug 26, 2011 Edit

Wallwisher - History

Abraham Lincoln

Amazing facts and information about Abraham Lincoln!

tjbads says

Born near Hodgenville, Kentucky

ZOOM

Mar 11, 2011 Edit

tjbads says

Born on February 12, 1809 and died in 1865.

ZOOM

Mar 11, 2011 Edit

tjbads says

Abraham Lincoln was president of the United States during the Civil War.

ZOOM

Mar 11, 2011 Edit

tjbads says

Married Mary Todd and had four boys but only one of those boys reached adulthood.

ZOOM

Mar 11, 2011 Edit

tjbads says

Mary was very lonely and obsessive. She loved to spend money and ran up very high bills.

ZOOM

Mar 11, 2011 Edit

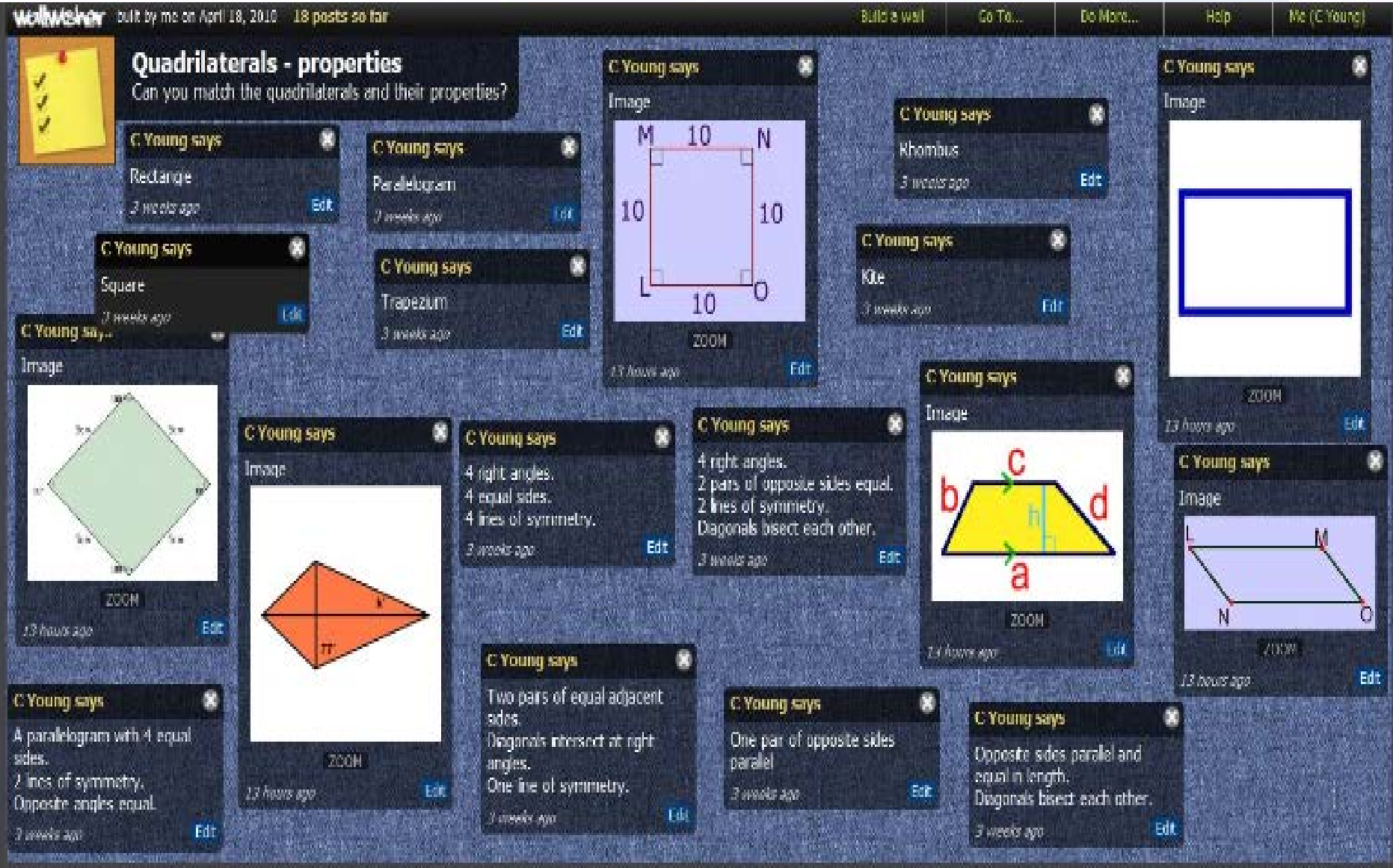
tjbads says

He was responsible for creatring the national banking system in the US.

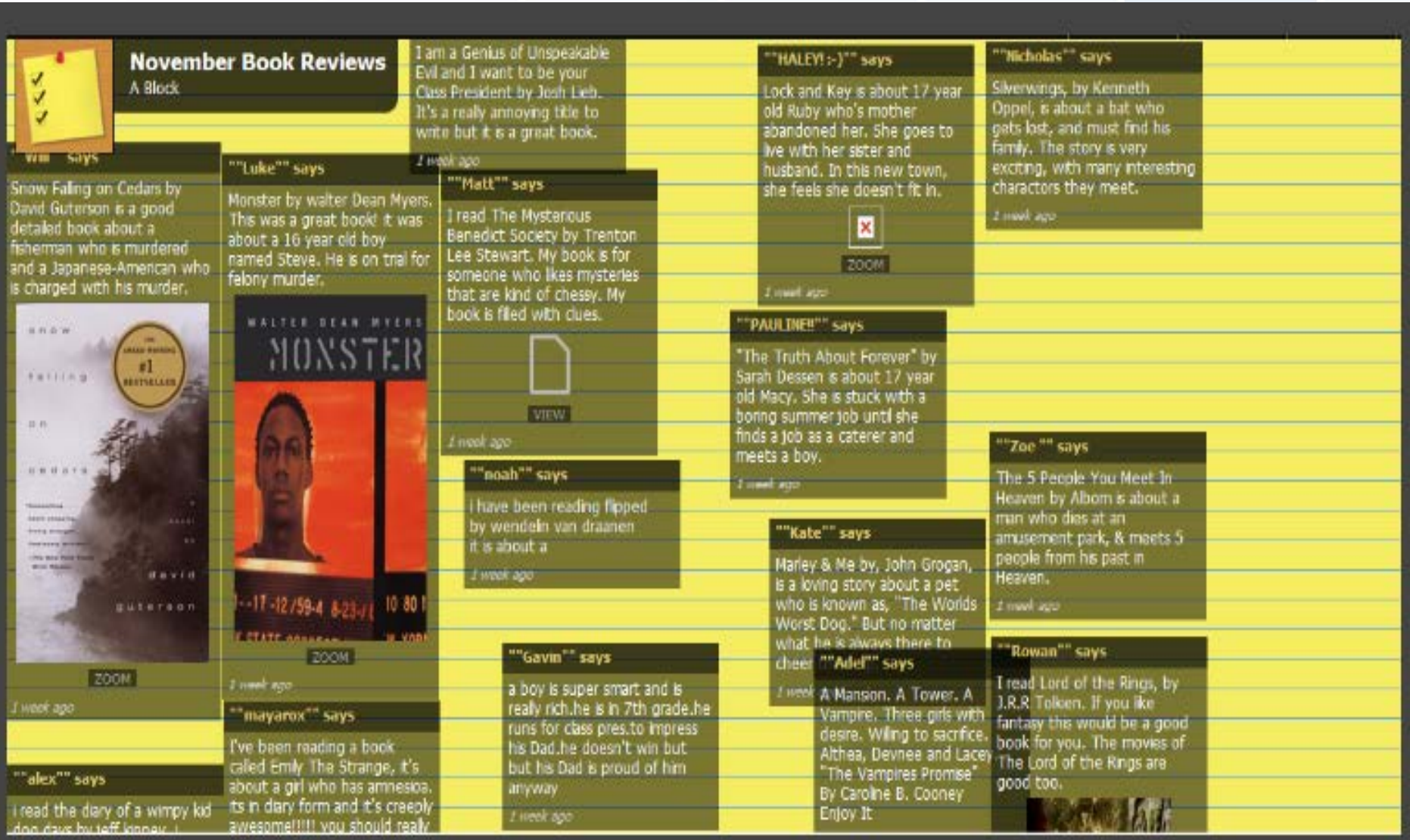
ZOOM

Mar 11, 2011 Edit

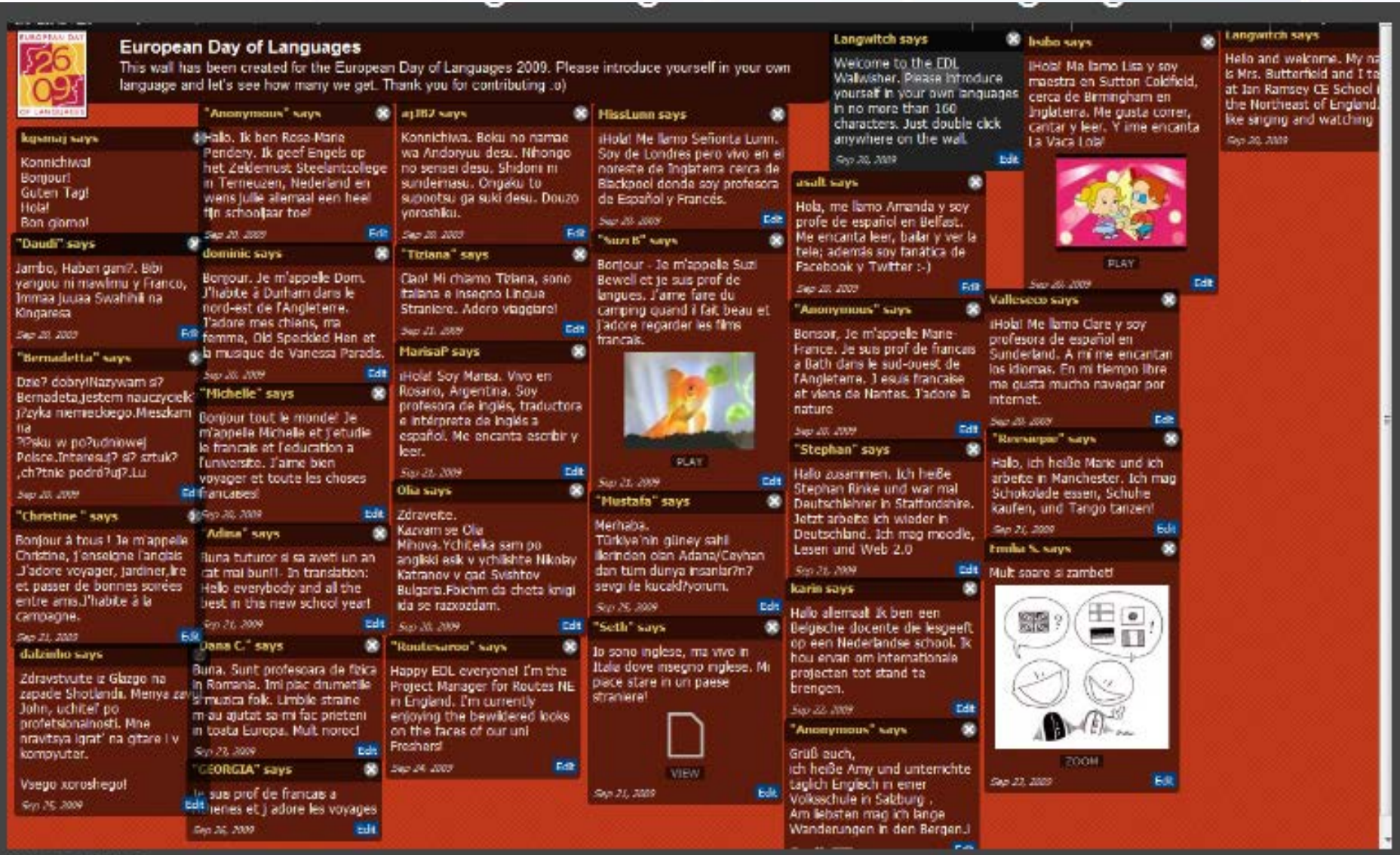
Wallwisher - Geometry



Wallwisher - English



Wallwisher – Foreign Languages

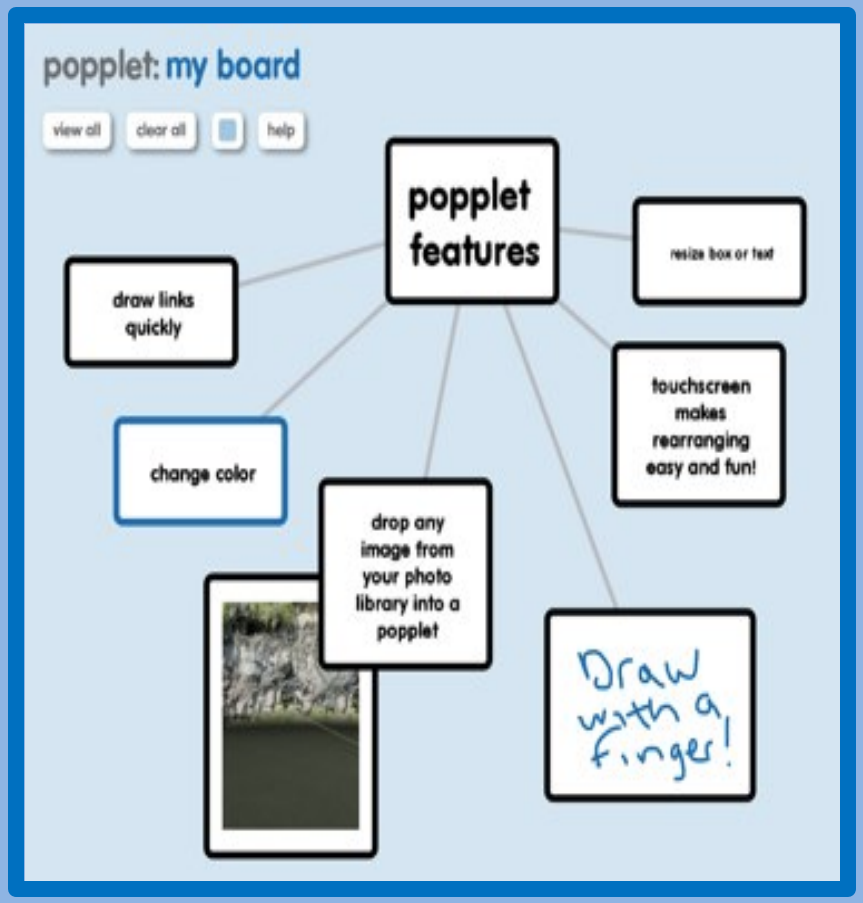


Wallwisher – Science

Wallwisher – Science

Popplet

popplet: Kayaking Trip 2010!
view all
clear all
help
Our trip was amazing and so full of breathtaking sites!
TRIP TO CHILE! 2010!


popplet: my board
view all
clear all
help
popplet features
resize box or text
draw links quickly
touchscreen makes rearranging easy and fun!
change color
drop any image from your photo library into a popplet
Draw with a finger!

CHANGE PHOTO

Mrs J L Walker

has 0 followers and is following 0 people

member since May 12, 2011

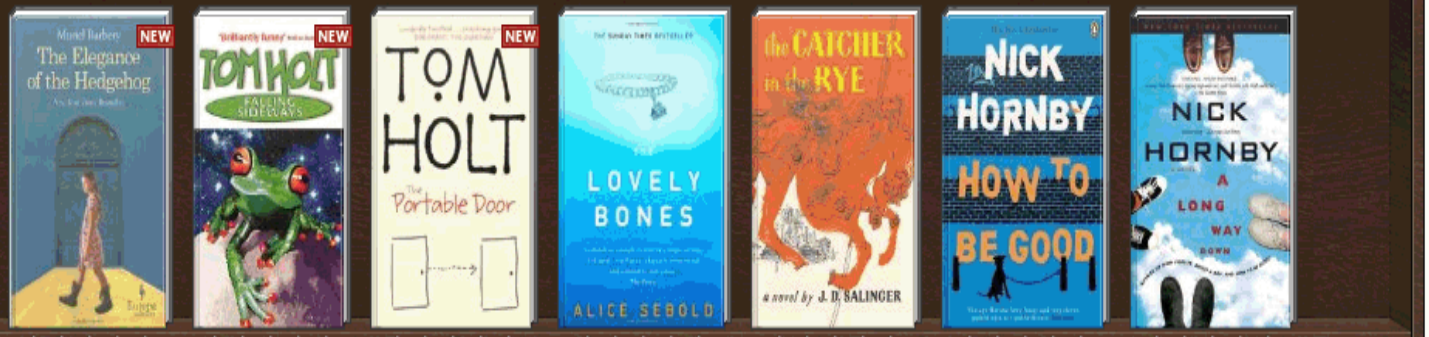
Account Settings
Find People to Follow
Invite Friends

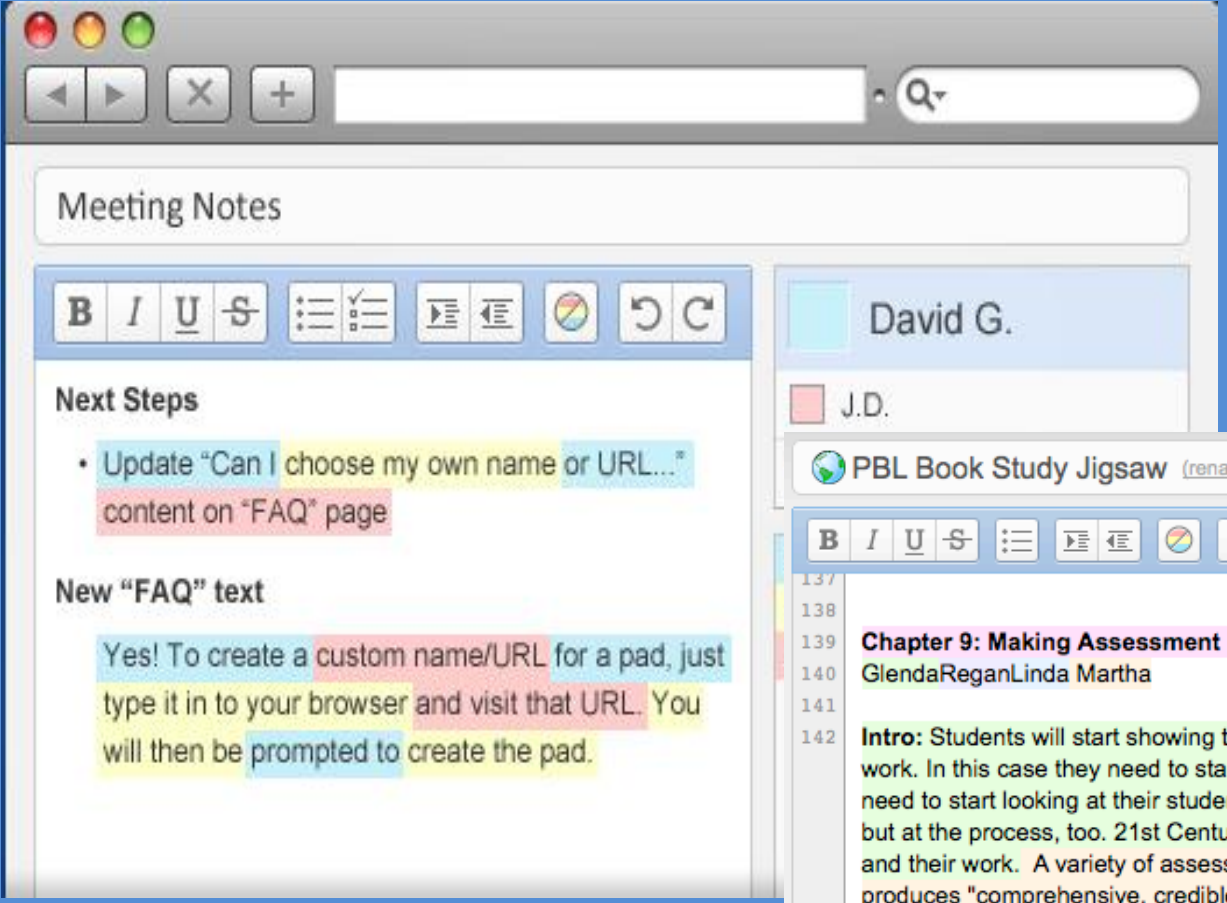
Public Overview | Shelf (14) | Friends | Groups (0) | Edits | More

All books (14)
I plan to read (0)
I'm reading (2)
I've read (11)
Favorites (0)
Own (1)
Wish list (0)
PUT YOUR SHELF ON YOUR BLOG

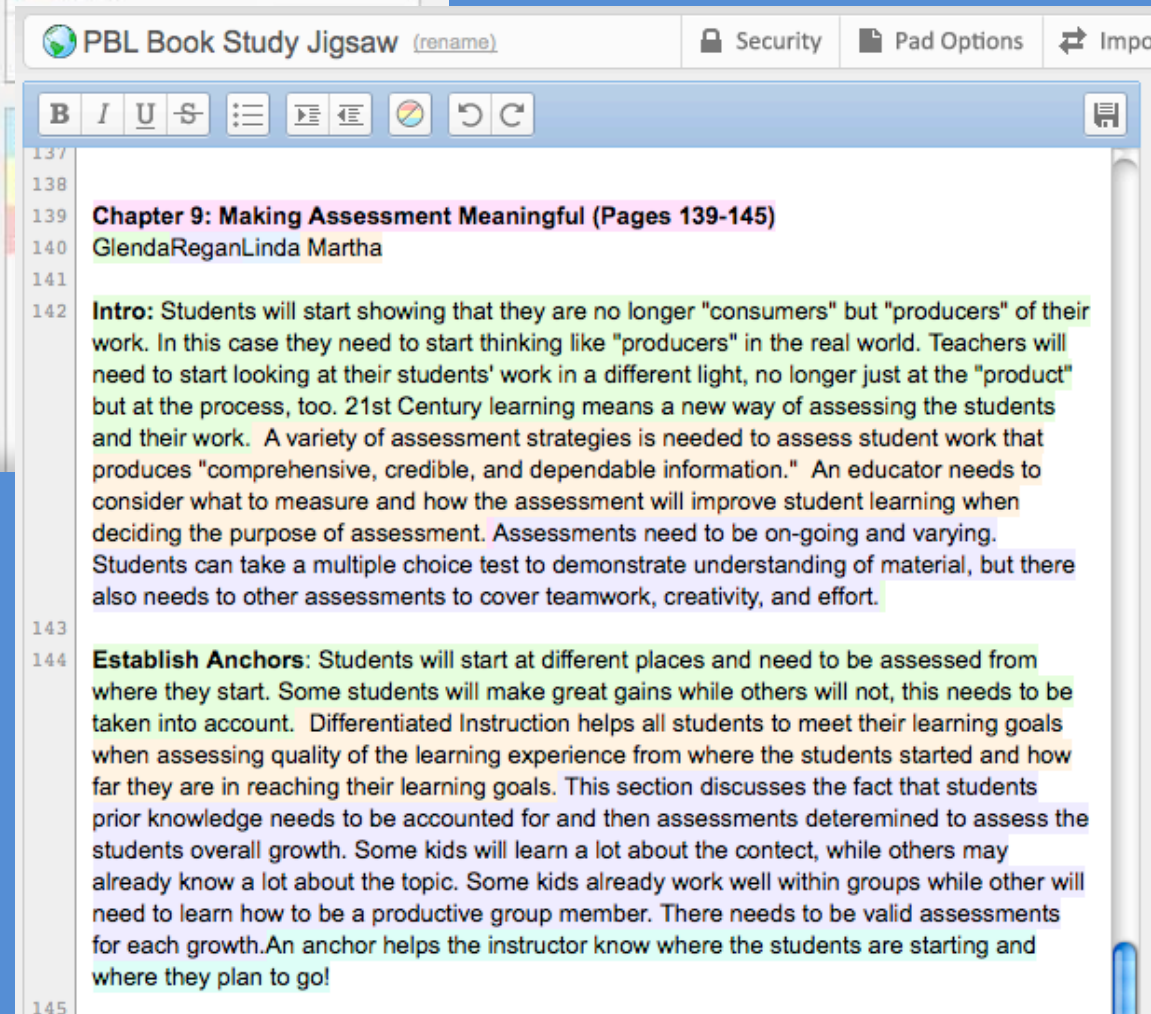
sort by Date Added

displaying 1 - 14 of 14 | PREVIOUS | NEXT




Meeting Notes
David G.
J.D.
Next Steps
• Update "Can I choose my own name or URL..." content on "FAQ" page
New "FAQ" text
Yes! To create a custom name/URL for a pad, just type it in to your browser and visit that URL. You will then be prompted to create the pad.

TitanPad


PBL Book Study Jigsaw (rename)
Security
Pad Options
Chapter 9: Making Assessment Meaningful (Pages 139-145)
GlendaReganLinda Martha
Intro: Students will start showing that they are no longer "consumers" but "producers" of their work. In this case they need to start thinking like "producers" in the real world. Teachers will need to start looking at their students' work in a different light, no longer just at the "product" but at the process, too. 21st Century learning means a new way of assessing the students and their work. A variety of assessment strategies is needed to assess student work that produces "comprehensive, credible, and dependable information." An educator needs to consider what to measure and how the assessment will improve student learning when deciding the purpose of assessment. Assessments need to be on-going and varying. Students can take a multiple choice test to demonstrate understanding of material, but there also needs to other assessments to cover teamwork, creativity, and effort.
Establish Anchors: Students will start at different places and need to be assessed from where they start. Some students will make great gains while others will not, this needs to be taken into account. Differentiated Instruction helps all students to meet their learning goals when assessing quality of the learning experience from where the students started and how far they are in reaching their learning goals. This section discusses the fact that students prior knowledge needs to be accounted for and then assessments deteremined to assess the students overall growth. Some kids will learn a lot about the contect, while others may already know a lot about the topic. Some kids already work well within groups while other will need to learn how to be a productive group member. There needs to be valid assessments for each growth.An anchor helps the instructor know where the students are starting and where they plan to go!

Return to pad list

Primary Pad

Adding to 20 (rename)

Security | Pad Optior

10+10=20 1+19=20 19+1=20 18+2=20 17+3=20 16+4=20 15+5=20
10+10 3+17
10+10 11+9 16+4 1+19 18+2
10+10 16+4 1+19 2+18 12+8 13+7
10 +10 11+9 19+ 1 18+2 17+3 16+4
1+19 10+10 16+4
10+10=20 19+1=20 2+18=20
11+9 10+10 19+1 11+9 10+9 12+8
10+10 11+9 16+4 12+8 1+19 18+2 17+3 15+5 13+7 12+8 17+3 2+18 6+14
4+16 7+13 12+8 10+10 19+1 2+18 15+5
10+10=20 11+9=20 7+13=20 19+1=20 18+2=20 8+11=20 20+0=20 12+8=20 3+17=20
11+9=20
10+10=20 11+9=20 19+1=20 15+5=20 8+12=20 11+9=20 6+14=20 12+8=20
5+15=20 10+10=20 18+2=20 12+8=20 18+2=20 16+4=20 15+5=20 14+6=20 13+7=20
12+8=20 9+11=20 20+0=20 16+4=20 1+19=20 17+3=20 12+8=20
10+10=20 19+1=20 14+6=20 5+15=20 4+16=20 13+7=20 15+5=20 3+17=20 9+11=20
10+10 5+15 1+19 9+11 2+18 8+12 3+17
7+13
10+10=20 11+9=20 6+14=20 9+11=20 10+10 20
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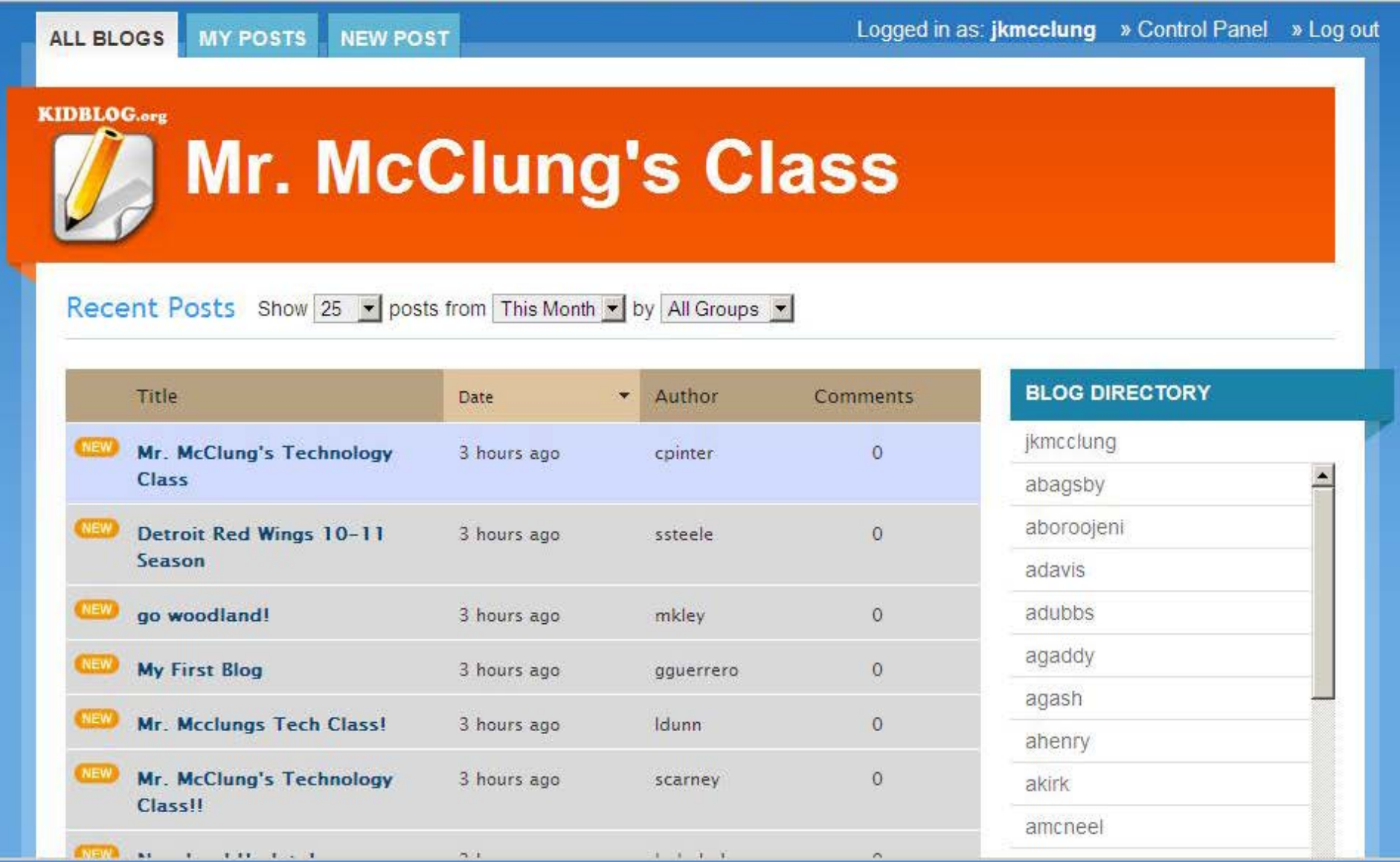
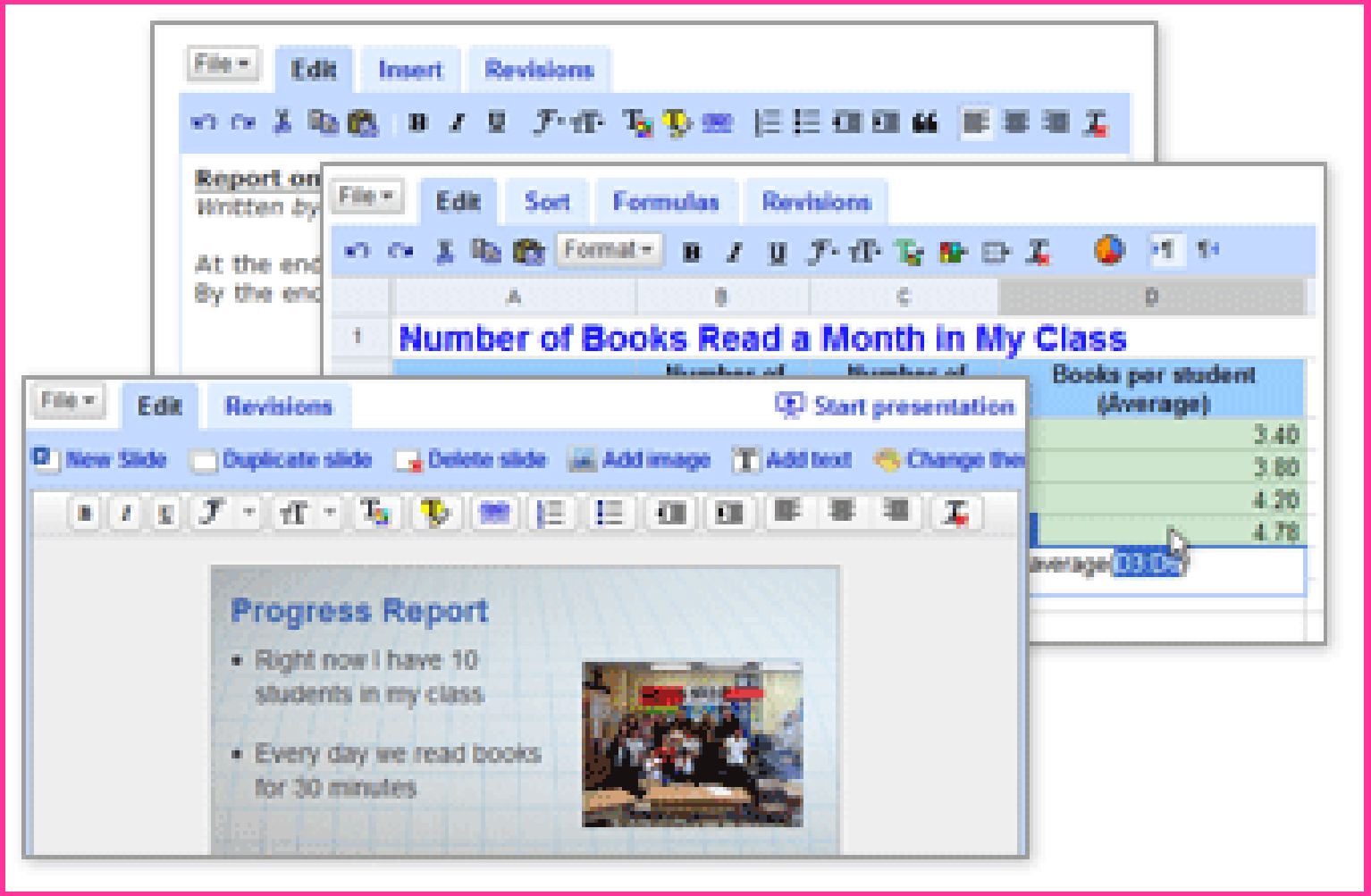
primary pad

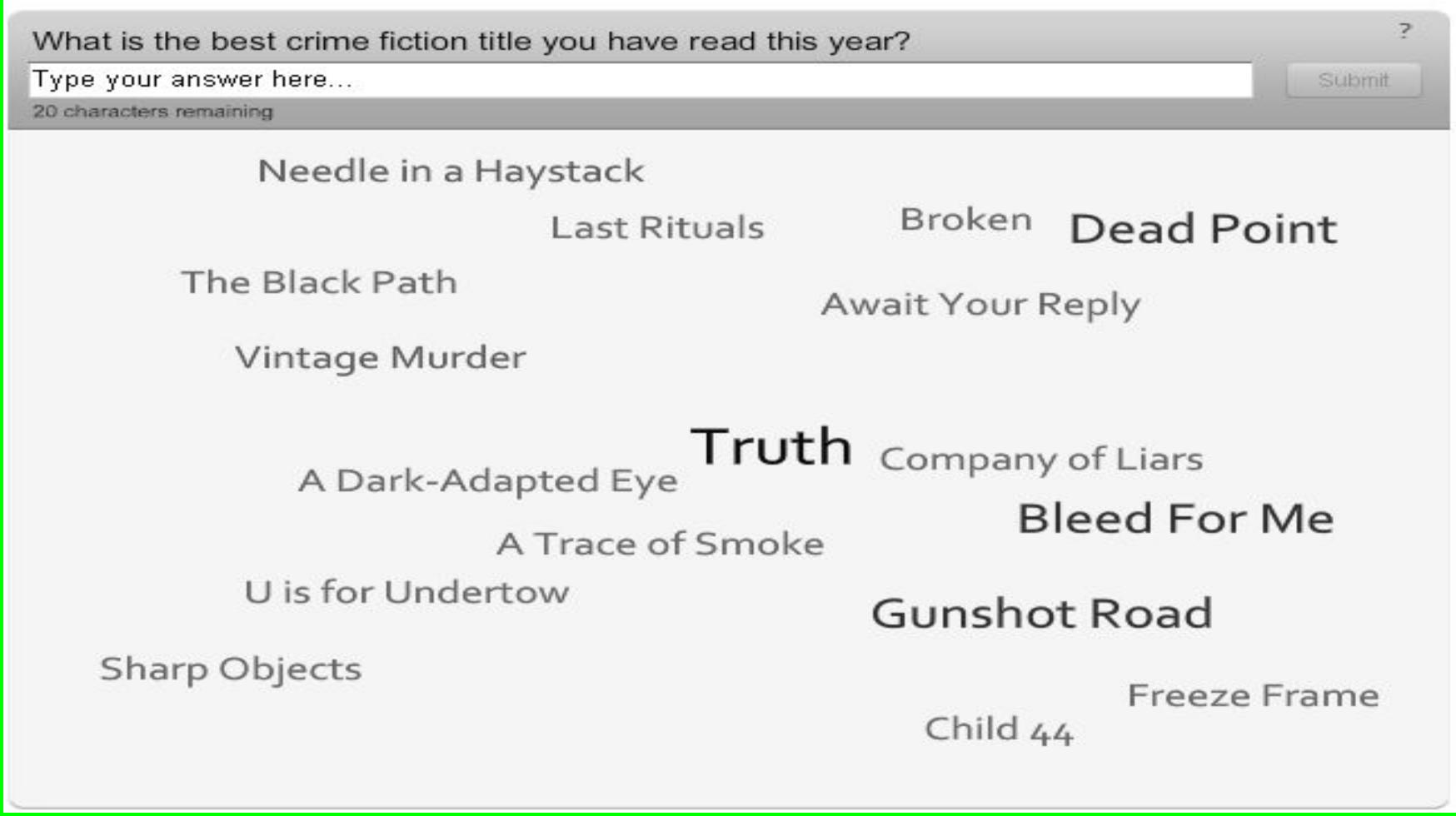

ALL BLOGS
MY POSTS
NEW POST
Logged in as: jkmcclung
» Control Panel
» Log out
KIDBLOG.org
Mr. McClung's Class
Recent Posts
Show 25 posts from This Month by All Groups
Title
Date
Author
Comments
NEW Mr. McClung's Technology Class 3 hours ago cpinter 0
NEW Detroit Red Wings 10-11 Season 3 hours ago ssteele 0
NEW go woodland! 3 hours ago mkley 0
NEW My First Blog 3 hours ago gguerrero 0
NEW Mr. Mcclungs Tech Class! 3 hours ago ldunn 0
NEW Mr. McClung's Technology Class!! 3 hours ago scarney 0
BLOG DIRECTORY
jkmcclung
abagsby
aboroojeni
adavis
adubbs
agaddy
agash
ahenry
akirk
amcneel

Kidblog

Google Docs


File
Edit
Insert
Revisions
Report on
Written by
At the end
By the end
File
Edit
Sort
Formulas
Revisions
Format
A
B
C
D
1
Number of Books Read a Month in My Class
Books per student (Average)
3.40
3.80
4.20
4.78
File
Edit
Revisions
Start presentation
New Slide
Duplicate slide
Delete slide
Add image
Add text
Progress Report
Right now I have 10 students in my class
Every day we read books for 30 minutes

Answer Garden



Vocaroo

Vocaroo - The premier voice recording service.

animoto

thefreesoundproject

Audio & Visual Tools

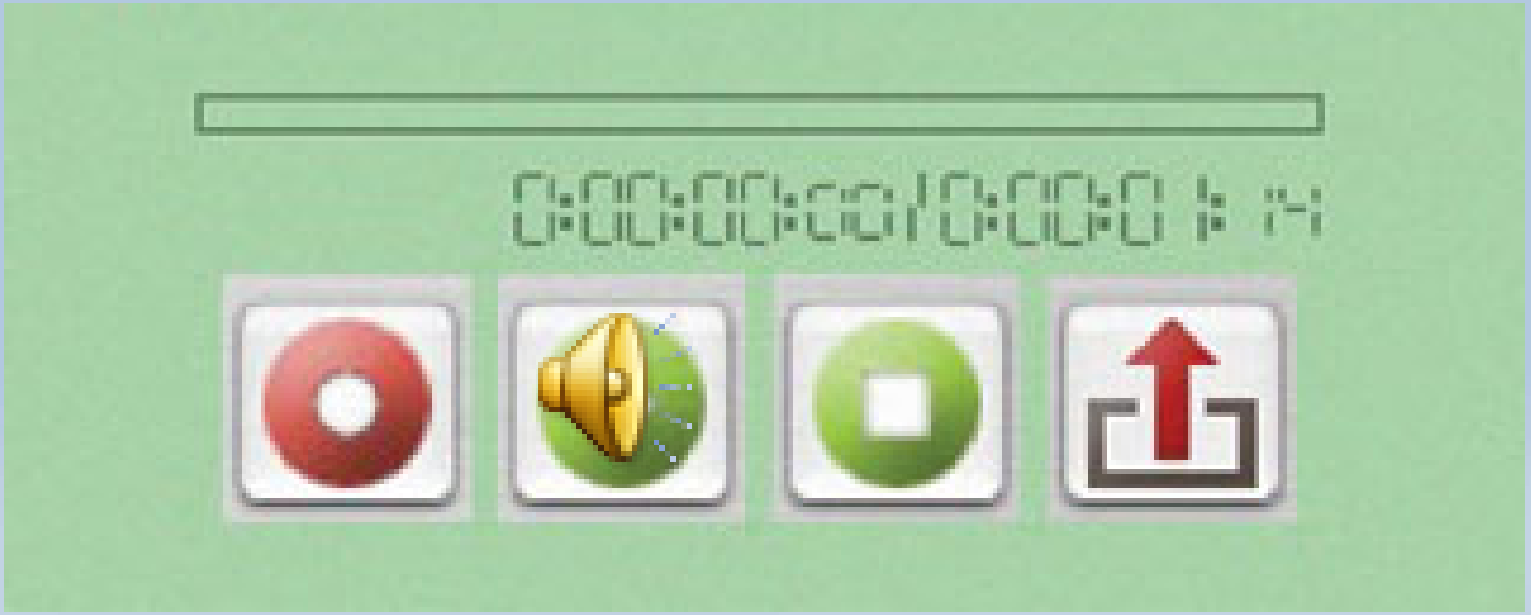
voxli voice chat for everyone

animoto

Club Create

clubcreate
SAVE
OPEN
SHARE
NEW
HELP
Login with MySpaceID
Discover the best new bands, win great prizes and get expert music industry advice at The Music Studio.
Click here to enter
The Music Studio
vodafone
Original
Funk (90bpm)
Genre: Hip-Hop
Instrument: Show All
SAVE
SHARE
01:02
Afrohop
Beezer
Bruise
Afrohop
AfterDay
BackWhen
Beezer
Birde
BounceNShoot
Bruise
Butter
Carnival
Cent

OLEFA



Vocaroo

Vocaroo

Vocaroo - The premier voice recording service.

Click to Record

- We will discuss Audacity, Animoto, Vocaroo, Aviary Education, Blabberize, Storybird, Tikatok, Classtools, Doodle, Weblist, Intel Thinking Tools, Shelfari