Digitize It









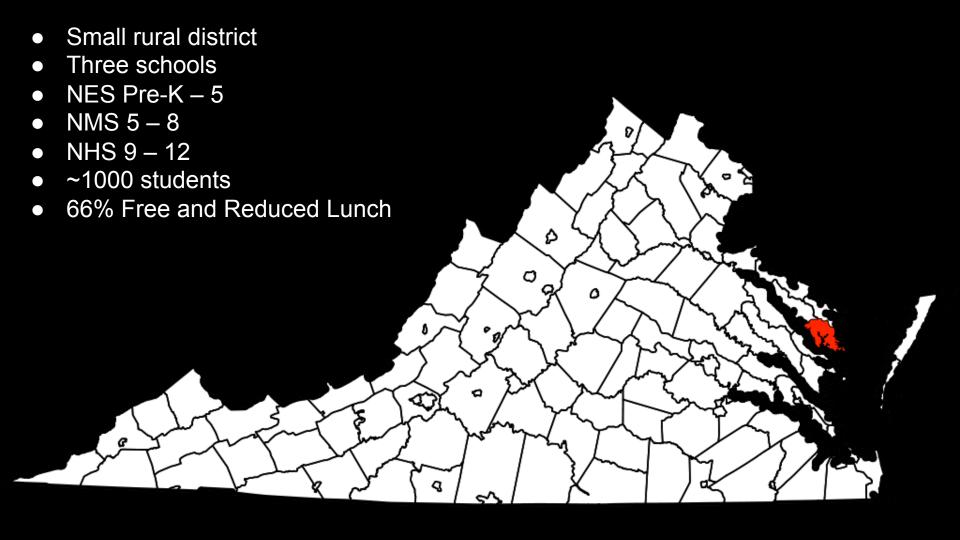
Liz Hood Library Media Specialist Northumberland Middle/High School







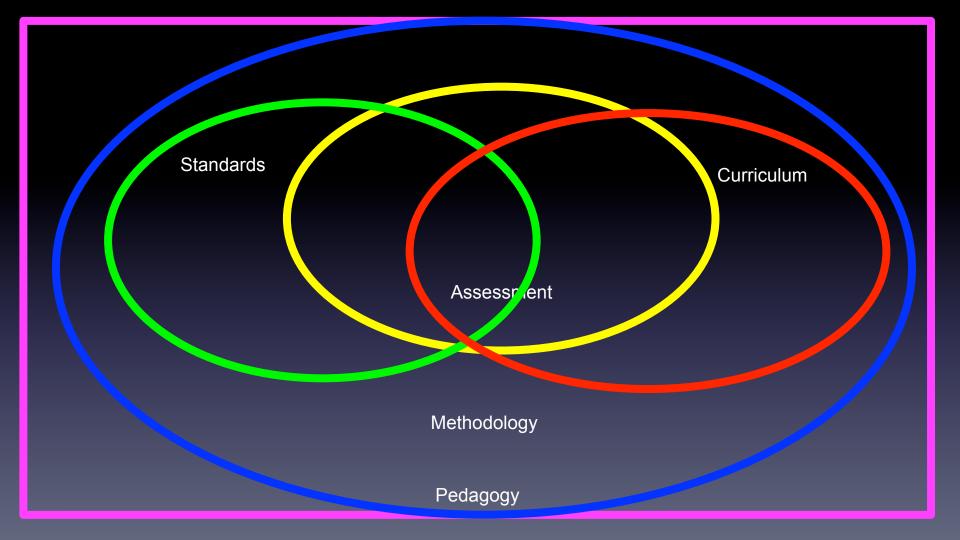




Intro Liz



- 28 years in education
- 16 years in school library media centers
- STEM/STEAM school (5 years)
- 1:1 iPads (3 years)
- 1:1 Chromebooks (1 year)



Core Beliefs

constructivism

students rise to the level of	every student is capable of
expectation	masterv

communities of practice

content is consistent, time is variable

prepare students for the future transferable skills rights of the whole > rights of one

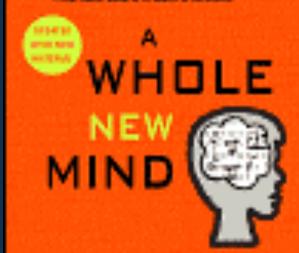
analog

digital/analog

digital

ACCURATION OF STREET OF FREE ACCUST AND DRIVE

- No. No. of the Associated Superior Contracts



WHY RIGHT-BRAINERS WILL RULE THE FUTURE

DANIEL H. PINK

UPDATED AND EXPANDED



The World Is Flat

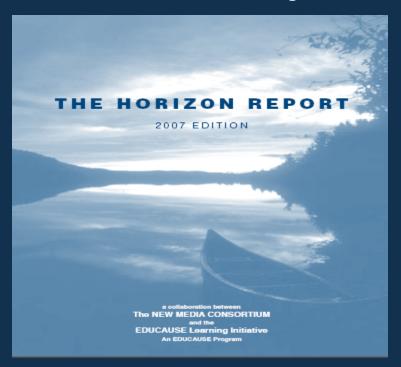
A BRIEF HISTORY OF THE TWENTY-FIRST CENTURY

Thomas L. Friedman

Big Ideas Where do we go from here? "Contribute"

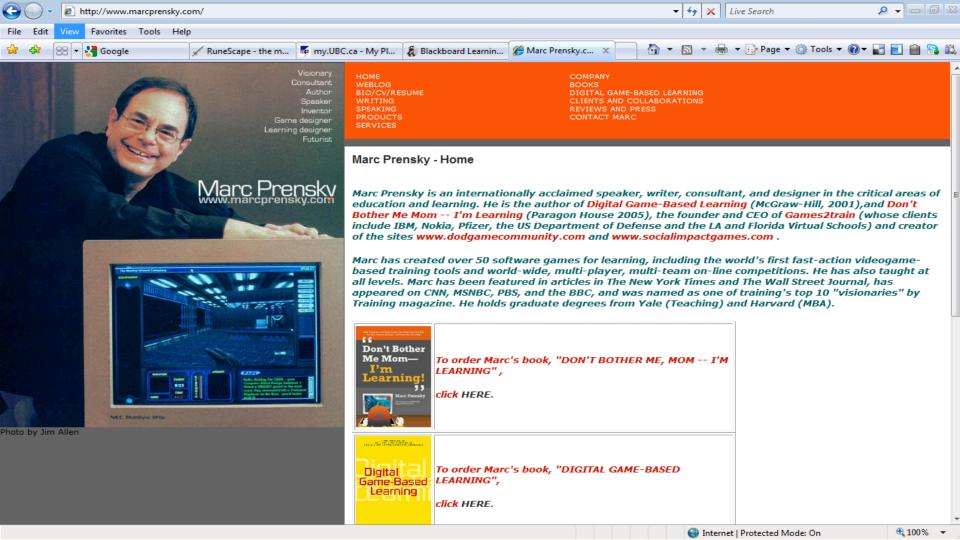
Horizon Report

social networking



user-created content

http://www.educause.edu/ir/library/pdf/CSD4781.pdf







How the Net Generation is changing your world



"In Quotes"

"Grown Up Digital is a must read for baby boomers and virtually anyone else born before 1977. As Mr. Tapscott observes, 'The bottom line is this: if you understand the Net Generation, you will understand the future.' And as my son often reminds me, the future is now."

The New York Times, Book Review, Sunday, December 21, 2008

Submit a Quote

8



Doug Johnson

WRITING, SPEAKING AND CONSULTING ON SCHOOL TECHNOLOGY AND LIBRARY ISSUES



Johnson's Observation on the School of Hard Knocks: I don't mind learning from my mistakes. I just don't want to earn a PhD. (More rules)

WELCOME to my "personal" homepage. This is a way of separating my efforts as the Director of Media and Technology in the Mankato Schools and my professional efforts as a writer and speaker.

I am great believer in the "stone soup mentality." Like the soldiers in the old French fable, I know that when each person in a profession, organization, or community brings his or her individual talents and efforts to the table. everyone benefits. This page holds my offerings to the profession of library media and technology. I have certainly borrowed lots of wonderful ideas from many of you. I am obligated. (See "Why I Write For Publication," KQWeb, May/June 2001.)

If there are things of interest and value to you on this site, please use them as you can. Like most folks, I like to be credited for my work and you need to remember these writings and tools are only for nonprofit use within your organization.

I welcome your feedback on any of the writings you find here or on any of my presentations you may have attended.

SEARCH



My book Machines are the easy part; people are the hard part is now available as a free download at Lulu.

Home

What's new?

FAQ

Bio

Books

Articles

Columns

Organizations

Presentations/Workshops/

Handouts

Speaking calendar

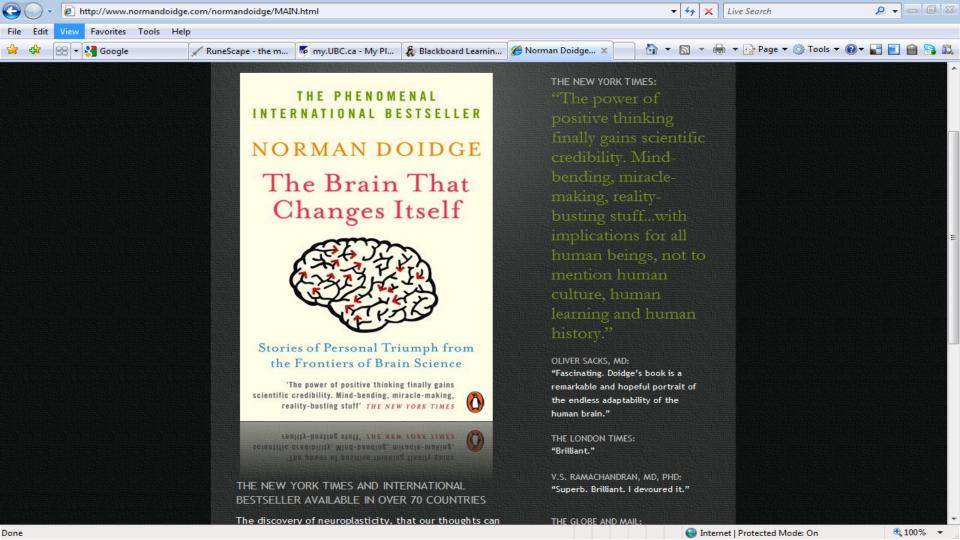
Wiki

Ethics resources

My writing blog

Contact me





BLOOM'S REVISED TAXONOMY

Higher-order thinking

Generating new ideas, products, or ways of viewing things Designing, constructing, planning, producing, inventing.

Evaluating

Justifying a decision or course of action
Checking, hypothesising, critiquing, experimenting, judging

Analysing

Breaking information into parts to explore understandings and relationships
Comparing, organising, deconstructing, interrogating, finding

Applying

Using information in another familiar situation Implementing, carrying out, using, executing

Understanding

Explaining ideas or concepts
Interpreting, summarising, paraphrasing, classifying, explaining

Remembering

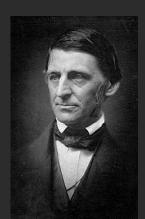
Recognising, listing, describing, retrieving, naming, finding

We are students of words: we are shut up in schools, and colleges, and recitation-rooms,

for ten or fifteen years, and come out at last with a bag of wind, a memory of words,

and do not know a thing...

(Emerson, 1844).



Business Viewpoint

The number one issue for companies looking to expand or locate in Virginia is a sustainable, educated and highly qualified workforce that can constantly raise its skills in a globally competitive economy.

The Profile of a Virginia Graduate describes the knowledge, skills, experiences and attributes that students must attain to be successful in college and/or the work force and to be "life ready."

In developing the profile, the Board of Education determined that a life-ready Virginia graduate must:

- Achieve and apply appropriate academic and technical knowledge (content knowledge);
- Demonstrate productive workplace skills, qualities, and behaviors (workplace skills);
- Build connections and value interactions with others as a responsible and responsive citizen (community engagement and civic responsibility);
- Align knowledge, skills and personal interests with career opportunities (career exploration).

The Profile of a Virginia Graduate provides the framework for the requirements students must meet to earn a <u>Standard Diploma or Advanced Studies Diploma</u>.

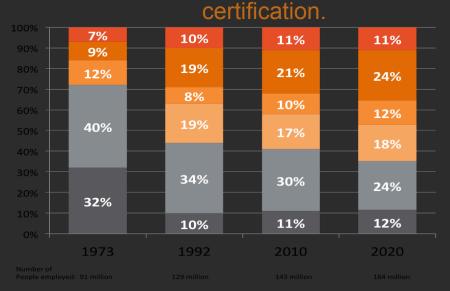
The 2016 General Assembly subsequently approved House Bill 895 and Senate Bill 336, which directed the Board of Education to:

Develop and implement a Profile of a Virginia Graduate identifying the knowledge and skills that students should attain during high school in order to be successful;

- In developing the profile, give due consideration to the "5 C's":
 - critical thinking,
 - creative thinking,
 - **c**ollaboration.
 - communication and
 - citizenship;
- Emphasize the development of core skill sets in the early years of high school; and
- Establish multiple paths toward college and career readiness for students to follow in the later years of high school, which could include opportunities for internships, externships, and credentialing.

2020 Educational Requirements

By 2020, 65% of all jobs will require post-secondary education, training and/or



Master's degree or better
Bachelor's degree
Associate's degree
Some college, no degree
High school graduates
High school dropouts

World Class Knowledge

- Rigorous standards in language arts and math for career and college readiness
- Multiple languages, science, technology, engineering mathematics, arts and social sciences

World Class Skills

- Creativity and innovation
- Critical thinking and problem solving
- collaboration and teamwork
- communication, information, media and technology
- Knowing how to learn

Life and Career Characteristics

- Integrity
- Self-direction
- Global perspective
- Perseverance
- Work ethic
- Interpersonal skills

The Virginia College and Career Readiness Initiative is designed to:

- Ensure that college and career-ready learning standards in reading, writing and mathematics are taught in every Virginia high school classroom.
- Strengthen students' preparation for college and the work force before leaving high school.







Web Browser

Google





Digitize It









World Readiness Standards

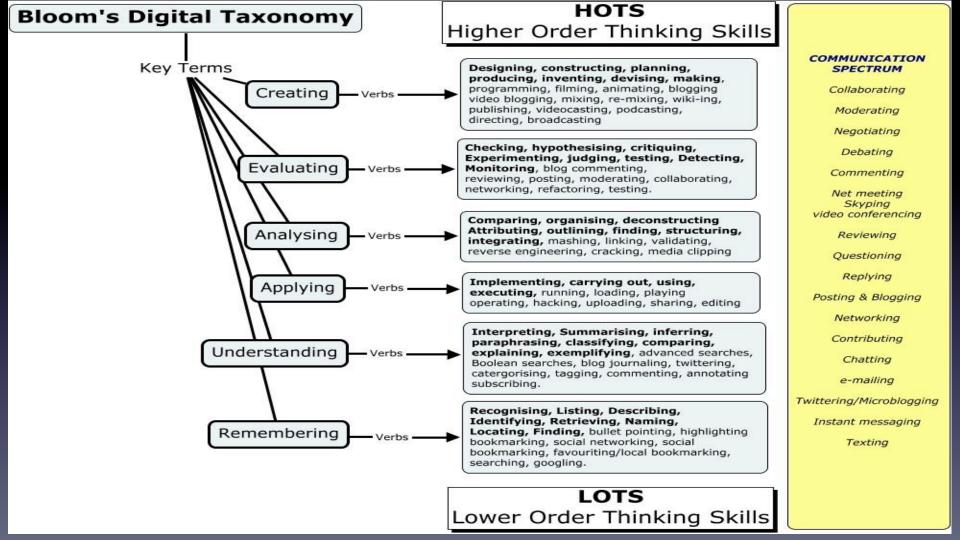
Authentic Assessment







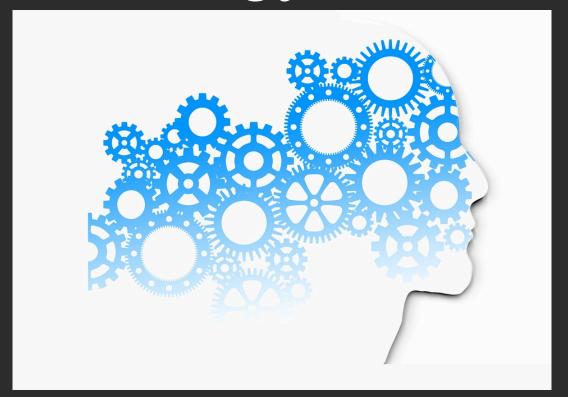






Technology

useful relevant engaging productive



Google





- Create a gmail account (if you don't already have one)
 - go to <u>www.gmail.com</u> to sign up

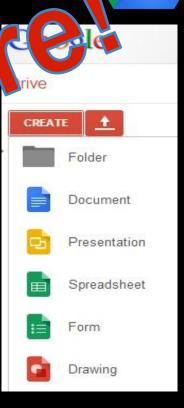
- Go to Google Drive (drive.google.com)
 - use your gmail info to log in



- -documents
- -slides
- -forms
- -sheets
- -drawing
- -add-ons

What does Google Drive Offer?

- Docs
 - Create and format text documents
- Slides
 - Online presentation editor
- Spreadsheet
 - Create and format rold ets tharts, and gadgets
- Forms
 - o Deig a rvey or quiz, or quickly create a roster
- Daying
 - Design anything from a scribble to a flow chart



Google Docs

An online word processor that allows you to share your work and collaborate with others in real time.



- Publish your document to the web
- Make a copy of your work for revision
- See <u>revision history</u>
- Download the document as a .doc, .pdf, html, etc.
- Adjust layout, color, margins, etc.
- Hyperlink to online resources
- Upload images from computer, Google, Stock photos, and Life.

Google Docs

- Comment on work
- Insert drawings into the document
- Use a built in Dictionary
- Translate to another language
- Research within the document
- Share document with others by using an email
- Collaborate in real time with others by allowing them to edit

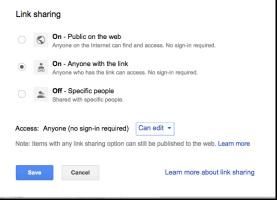
How Do I Share?



 Send link by gmail, Google+, Facebook, or Twitter

Click "Change" to make the document public





 Determine if you want it shared on the web or anyone with the link and save

Why Should Students Use Google Docs?

Students can:



- use this online word processor from any device
- collaborate with others and get lots of feedback from different editors
- do their research while on the document
- share their work via the web for other people such as friends as family to view

Why Should Teachers Use Google Docs?



Teachers can:

- do lesson planning and data collaboration
- preview and edit student work from their own device
- publish student work on their website or online for others to view

Google Slides

An online presentation application that allows you to create, edit, and deliver presentations and collaborate with others in real time.

- Choose a variety themes, layouts, transitions, and backgrounds for your presentation
- Upload videos and photos (from computer, Google Search, Stock Photos, and Life)
- Add text, animations, word art, and tables
- Make comments on each slide
- Share presentation with others
- Research while working on presentation



Create <u>units of study</u>

Why Should Students Use Google Slides?

Students can:



- create collaborative presentations
- share (just like Docs)
- create a presentation that demonstrates something students have learned
- publish their work online to share with teachers, parents and friends

Google Sheets

An online, collaborative spreadsheet.

Great for:



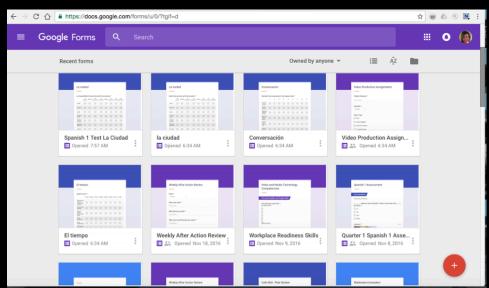
- sign-ups
- scheduling (an alternate to Google Calendars)
- creating groups
- collecting data from Google Forms

Google Forms



An online, collaborative application for obtaining and organizing information from others.

- Assign quizzes*
- Take surveys
- Quick polls
- Gather information
- Responses collected in a Sheet (graded with Flubaroo)
- Form summaries offered in graph formats

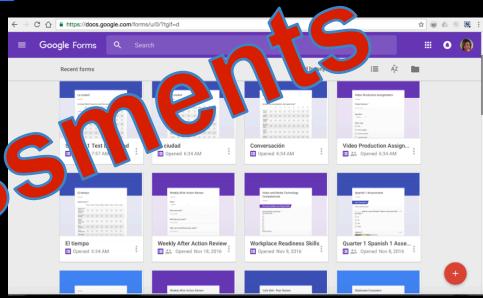


Google Forms



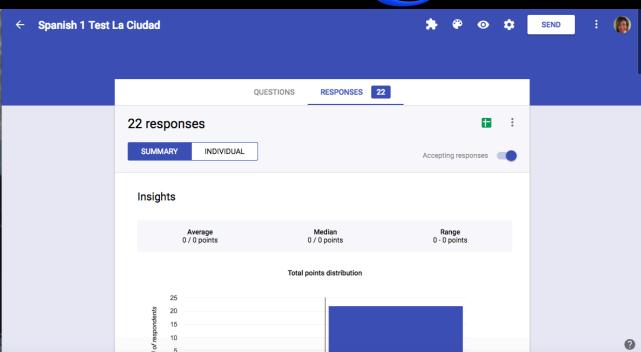
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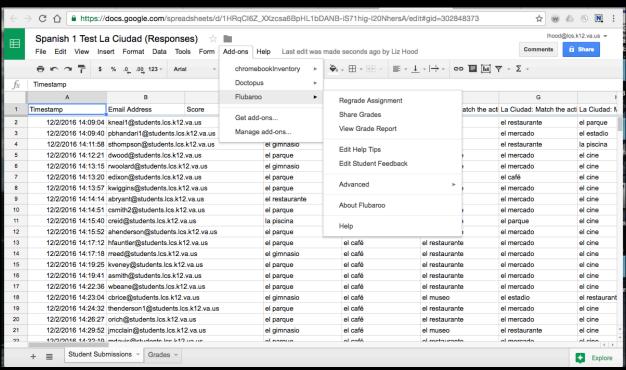
Google





Google

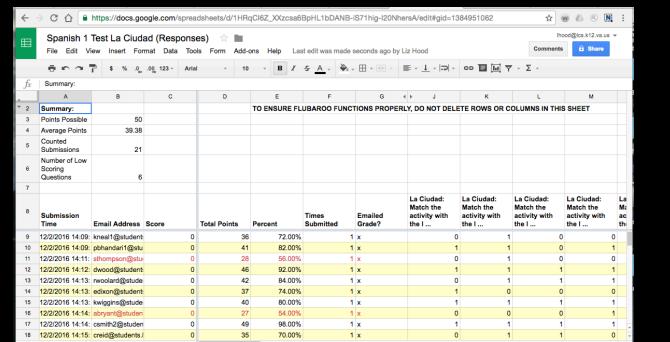
- create key
- 2. grade assignmnet
- 3. analyze results
- 4. share results





Student Submissions - Grades

Google



+

Google Drawing



An online, collaborative application for designing and producing graphics.

- Edit drawings online in real time with anyone you choose, and invite others to view your edits in real time.
- Insert text, shapes, arrows, scribbles, and images from your hard drive or from the
 Web to enhance a diagram or painting.
- Lay out drawings precisely with alignment guides, snap to grid, and auto distribution.
- Insert drawings into other Google Docs, Sheets, or Slides using the <u>web clipboard</u>, then tweak them inline.

Add-ons for Docs



- EasyBib
 - generates citations & bibliography
- Thesaurus
 - explore synonyms & antonyms
- Texthelp Study Skills
 - highlight selections to be 'collected' later
 - great for studying
- Kaizena
 - attach audio feedback or resources

Add-ons for Sheets

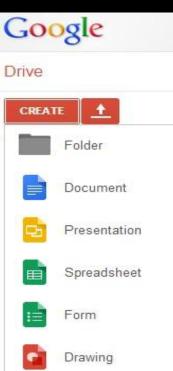


- Doctopus
 - mass copy, share, and manage grading/feedback for student projects
- Flubaroo
 - grades assignments and offers data assessment tools
- AutoCrat
 - personalizes mass messages
- Twitter Curator
 - curate and organize tweets

Google Drive



- Docs
 - Create and format text documents
- Slides
 - Online presentation editor
- Spreadsheet
 - Create and format spreadsheets, charts, and gadgets
- Forms
 - Design a survey or quiz, or quickly create a roster

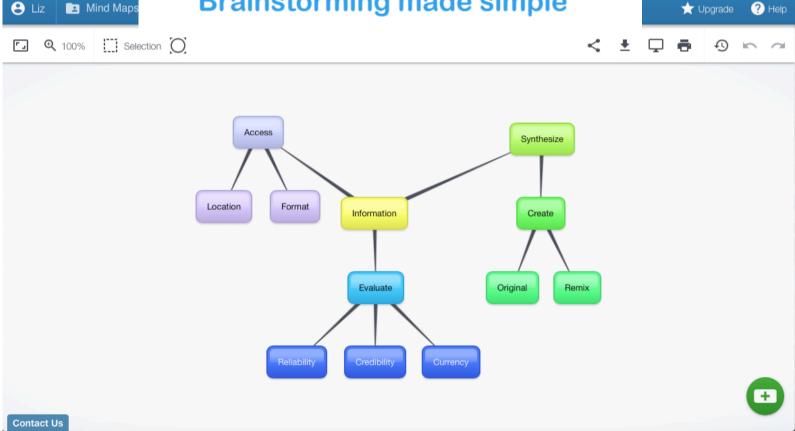


Text	Audio	Multimedia
bubblus	blabberize	animoto
word clouds	voki	voicethread
comics	powtoon	
	audacity	



Brainstorming made simple

Mind Maps

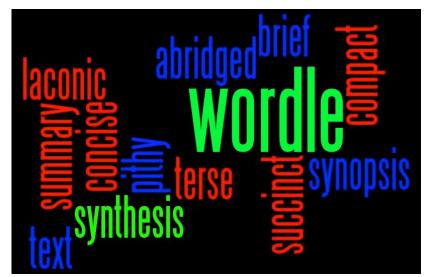


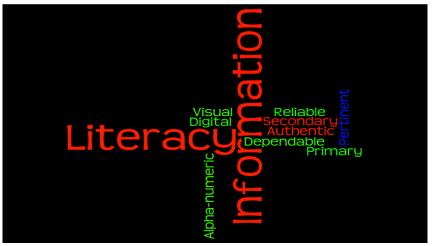
Wordle/Word Clouds

text

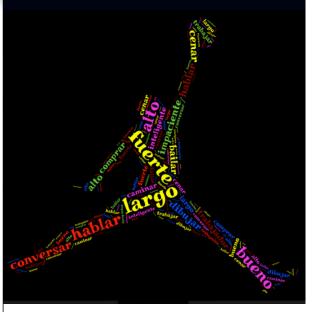
concepts

Tagul













MakeBeliefsComix

comic strip

text

conversations/dialogues



TO SAVE A COPY, PRINT THIS COMIX STRIP WITH THE PRINT BUTTON AT BOTTOM; OR, CLICK ON LINK BELOW TO CREATE YOUR OWN MAKE BELIEFS COMIX! IF THE LINK DOES NOT WORK, TYPE THE WEB ADDRESS INTO YOUR BROWSER.

WWW.MAKEBELIEFSCOMIX.COM

A new friend

John McClain



This comic strip was created at MakeBeliefsComix.com. Go there to make one yourselfl

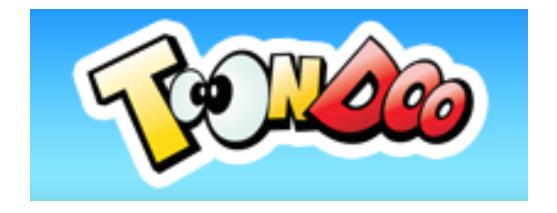
PRINT

SAVE IMAGE TO DISK

CREATE YOUR OWN COMIX

ToonDoo

- comic strip
- text
- dialogue





Blabberize

Image

Verbal Production



Voki

Personalized Avatar

Verbal Production



Powtoon

cartoon strip animation

images

text

actions

voiceover



Audacity

voice recording

listening comprehension

combine tracks



Animoto

images

text





Voicethread

vocabulary

descriptions

conversations

discussions



Quizlet

images

text

audio

Quizlet

Digitize It









Liz Hood Library Media Specialist Northumberland Middle/High School



www.cybrarianliz.com





