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## Instructor

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## Introductions & Overview

### Course Description:

“Tools and strategies for teachers for accessing, filtering, evaluating and applying information will be addressed. To be independent learners, meta-cognition and an awareness of how we learn best are a critical part of a learning curriculum. Strategies for reflective practice and using prior knowledge to build understanding and deal with new technology will be incorporated in the course.”

### Schedule:

<http://tinyurl.com/asdettsuny>

Jan 15 (Wed): 3:30-8:30

Jan 16 (Thu): 3:30-8:30

Jan 17 (Fri): 8:30-2

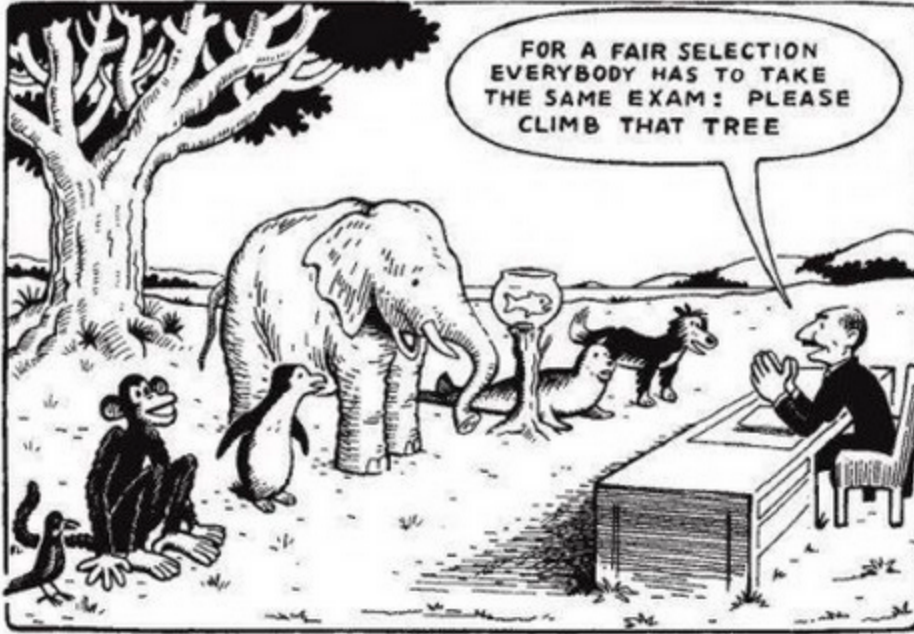
Jan 18 (Fri): 8:30-2

Jan 19 (Sun): 3:30-8:30

Jan 20 (Mon): 3:30-8:30

[Culminating: Tech Integration Project Development](#) (Googe Doc)

Please complete by January 25, 2014



### **EdTechTeacher Resources**

[Great Web Tools](#)

[iPad As](#)

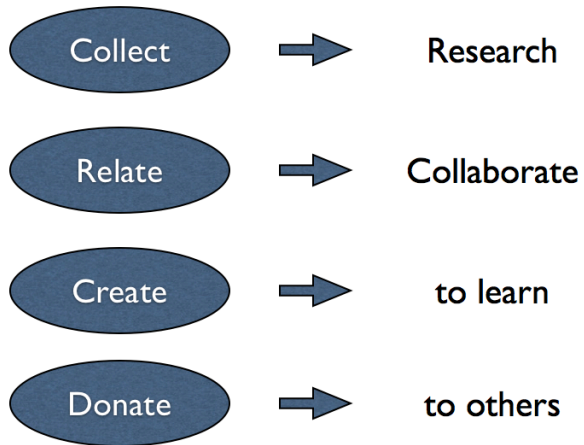
[EdTechTeacher video tutorials](#) (on many tools)

EdTechTeacher webinar series

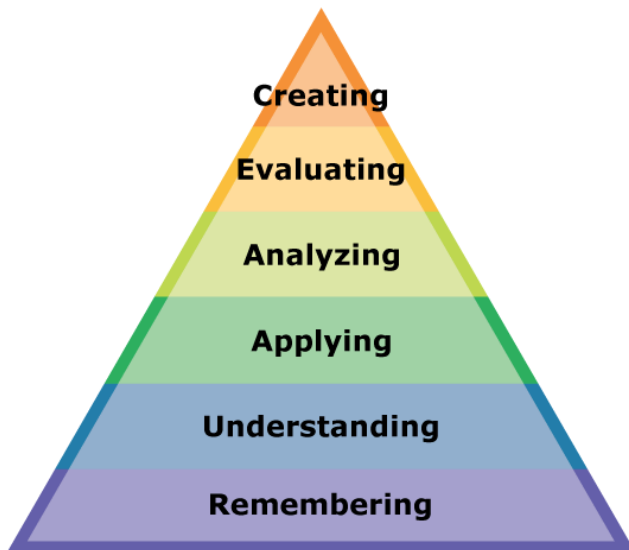
### **Conceptual Framework - CRCD**

"Collect - Relate - Create - Donate" - Professor Ben Schneiderman

# C-R-C-D Framework

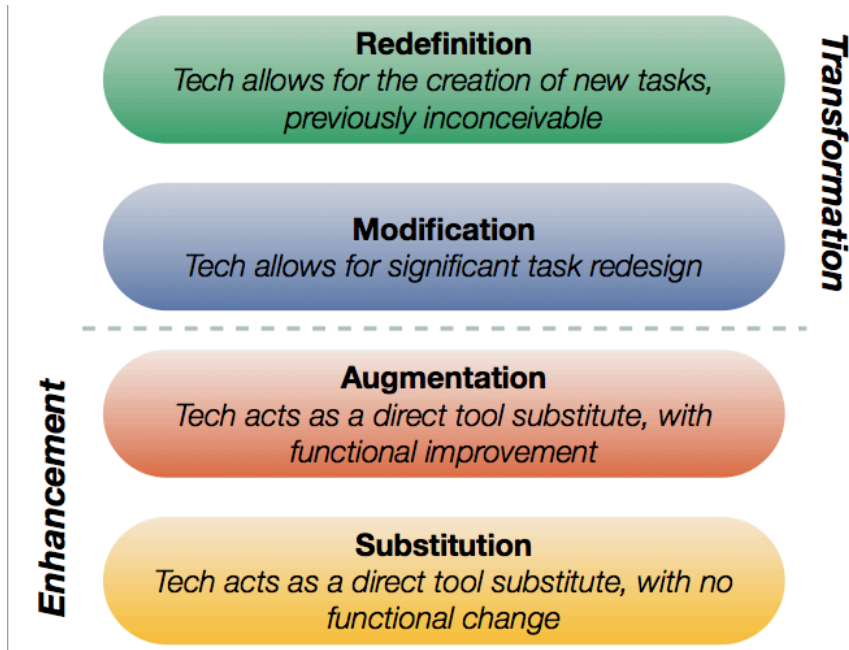


## Blooms Taxonomy



## Conceptual Framework - SAMR

SAMR Model

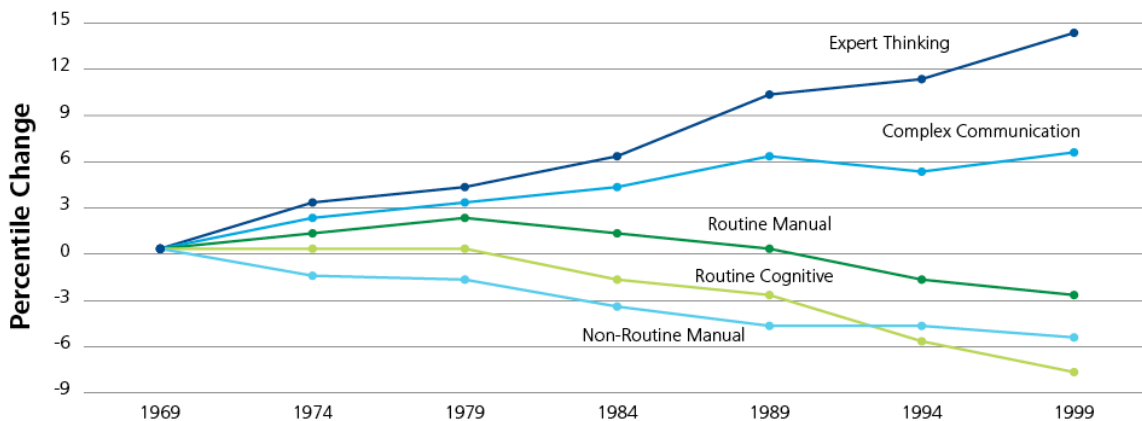


[Dr. Ruben Puendetura video intro to SAMR model](#)

Why/What are 21st century skills? A changing world with changing needs. Expert thinking and complex communication in a 21st century context.

## Technology & 21st Century Classrooms

21<sup>st</sup> century skills? A changing world with changing needs. "Expert thinking" and "complex communication" in a 21st century context (Richard Murnane on divisions of labor.)



**Source:** Frank Levy and Richard J. Murnane, *The New Division of Labor: How Computers are Creating the Next Job Market*, (Princeton: Princeton University Press, 2004)

Digital Equivalency: print and screen based research & communication

Blooms Taxonomy (Revised)

## Backward Planning



## Collect: Instant Response

### Socrative Instant Response System

**Socrative:** Student response system - poll, quiz, survey on computer, smartphone, or tablet

- [Socrative Teacher Portal / Socrative Student Portal](#)
- [EdTechTeacher Video Tutorials on Socrative](#)
- [Socrative tutorial video](#) on new features at [beta.socrative.com](http://beta.socrative.com)
- [Socrative blog](#)

### Other Instant Response Systems

- [Infuse Learning](#)
- [EdTechTeacher video tutorial on Infuse Learning](#)
- (Optional) [Polleverywhere](#); [Polleverywhere Video Tutorial](#)

### Challenge:

- Create a Socrative (or Infuse Learning) quiz and administer it to two colleagues
- Download the Socrative quiz results as a spreadsheet

## Collect: “Social Search” & Crowdsourcing



## Twitter

[Search Twitter without a Twitter account](#)

Hashtags:

[Quick Guide to Twitter Hashtags for Professional Development](#)

[300+ Educational Twitter Educational Hashtags Being Used Right Now](#)

[2012 A-Z List of Educational Twitter Hashtags.](#)

[Edudemic Education Hashtags](#)

Teachers to follow:

[Cybrary Man's PLN All-Start List](#)

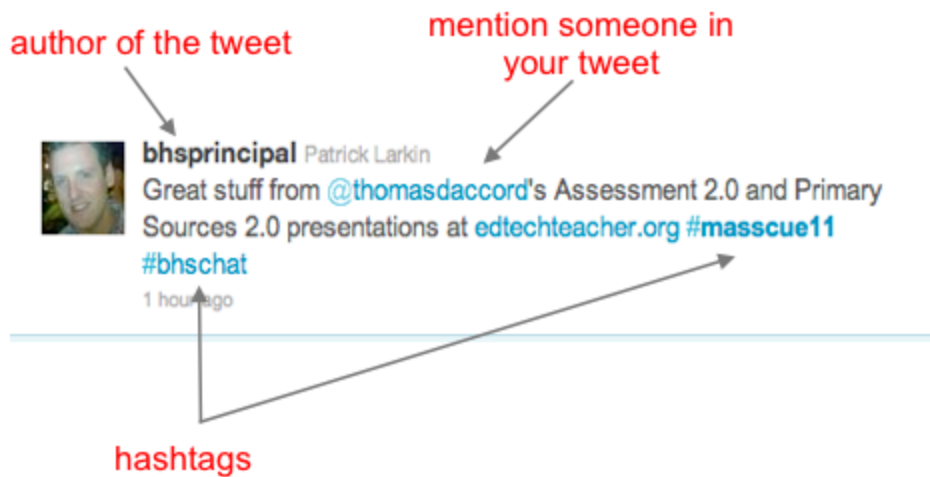
[Twitter4Teachers](#)

## Twitter Challenge:

1. Create a Twitter account
2. Add a picture and short bio to your account. (people are less likely to follow back without)
3. Click [HERE](#) to go to a google document to share your twitter name.
4. Search hashtags that relate to the subjects you teach:
  - #engchat
  - #langchat
  - #flteach (teaching foreign languages)
  - #schat
  - #mathchat
  - #eslchat
  - #sschat – social studies
  - #ettipad
  - #ipaded
  - #elemchat

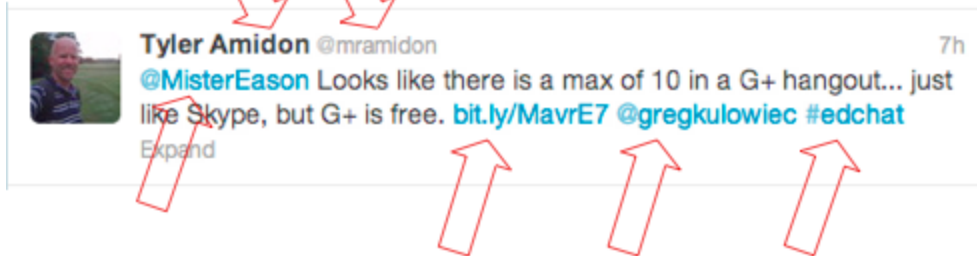
- #1stchat (#3rdchat, #4thchat, etc.)
  - #cpchat (connected principals)
  - ----- general tags-----
  - #edtech
  - #edchat
  - #1to1techat (1:1 classrooms)
5. Select notable edtech integrationists
- @rbyrne
  - @gregkulowiec
  - @ShawnMcCusker
  - @ShellTerrell
  - @cybraryman1
  - @patrickmlarkin
  - @NMHS\_Principal
  - @langwitches
6. Select notable edtech publications
- @edudemic
  - @edutopia
  - @MindShiftKQED
  - @EduSlam

## Anatomy of a Tweet





# Anatomy of a Tweet



## Translation:

\*Hey Matt, it looks like Google+ Hangouts can fit 10 people, just like Skype, but Google+ is free. Here is a link to the help page that I found about this very topic.

Greg, I'm going to mention you in the tweet because I know you are also interested in the conversation.

I'm also going to include #edchat because I want others to see our conversation and hopefully add their insight as well.

7. When searching hashtags on twitter complete the following:
  - o Find 10 people to follow & follow them
  - o Find 2 resources that were shared on twitter and add them to our Google Doc [HERE](#). Please message the two people that shared the resource, tell them that you found it helpful and thank them for sharing. Use #asdett as hashtag.
  - o RT a tweet that someone else posted.
  - o Compose your own tweet about something you learned at our workshop.
8. Note that you can also ask teachers from around the world to see the work that your students have posted online:



@MikeGwaltney  
Mike Gwaltney

So grateful to Twitter/my PLN for great comments on student blogs.

[bit.ly/uZH2uk](http://bit.ly/uZH2uk) You're the best! :) #sschat  
#edchat **#comments4kids**

2 hours ago via TweetDeck ☆ Favorite 13 Retweet 6 Reply

## Collect: Search Engines

### The Future of Research:

[Harvard's Libraries Deal with Disruptive Change](#)

## Internet Searching Strategies & Website Credibility

- [Google Advanced Search](#)
- Domains, reading level, file type, more
- Search by educational domains such as .edu and .org or k12.\*
- Search by reading level - basic, intermediate, advanced
- Country Search using [Internet Country Codes](#)
- Tips using [Google Translate](#)

### Other Search Resources

- [Google Search Education](#) - new resource to help students search online
- [Instagrok](#) visual search
- [EdTechTeacher video tutorials](#) (on Google Advanced Search, Website Evaluation & more)
- [EdTechTeacher Research tools](#)

### Alternatives to Google for Students

Site	Reading Level	Purpose
<a href="#">SweetSearch</a>	Grades 1-12	Search engine for primary source materials and news articles already vetted by educators and intended for elementary students. For a lower reading level, try <a href="#">SweetSearch4Me</a> .
<a href="#">RefSeek</a>	Grades 6-12	Academic search engine that primarily brings up reference materials
<a href="#">DuckDuckGo</a>	Grades 4-12	An <i>anonymous</i> search engine that does not connect to past searches or social media
<a href="#">WolframAlpha</a>	Grades 6-12	A computational search engine that produces "objective" results
<a href="#">KidRex</a>	Grades 2+	A "kid safe" search engine powered by Google.
<a href="#">Quixey</a>	NA	Search engine of apps

\*\* [Didn't Your Mother Tell You NOT to Google????](#) - Edutopia Article about searching

## Relate & Create: ePublications

### New ways of creating & interacting

#### Audio & Animation

- [Vocaroo](#) - record and share audio
- [Fotobabble](#) - record audio with picture (Web & app)
- [Thinglink](#) - Embed "pop-up" text in any image (Web & app)
  - some examples:
    - <http://www.thepsychfiles.com/2012/04/ep-173-an-interactive-neuron-and-map-using-thinglink/>
- Tellagami app - speaking avatars
- [Voki](#) speaking avatars
- [VoiceThread](#) - community audio-visual stories (Web & app)
- [Animoto](#) - movie-like presentations (Web & app)
  - [Animoto thoughts](#)
  - [EdTechTeacher Animoto video tutorials](#)
- [Go!Animate](#) - animations with voice
- [Storify](#) - tell a story using social media
  - [Storify tutorial](#)
- [Paper.li](#) - turn Tweets into a newspaper
- [Librivox](#) - audio books
  
- **Screencasting:** [Screencastomatic](#)
  - ["How to make videos your students will love"](#) by Aaron Sams and Jonathan Bergman
  - Flipped Classroom best practices from Aaron Sams:
    - train students to watch educational videos (with no distractions)
      - pause-rewind!
    - develop a note-taking system with students
    - check their notes at start of class
    - start with someone else's video if you're a novice
    - make videos available in multiple formats
    - work with IT depend on technical considerations
    - consider student access & equity

## Creating eBooks

- [Inkling](#) (and Kno) digital book publisher
- Microsoft Word
- Book Creator (app)
- [Flipsnack](#) -- create flip book from pdf, or jpg; can embed
  - For young students:
- Doodlecast (K-2 app)
- [Little Bird Tales](#) (Web & app)
  - [EdTechTeacher Little Bird Tales video tutorial](#)
- [ZooBurst](#) - 3D, pop-up books
- [Picture a Story](#) - select art, write short story, record narration
- [EdTechTeacher guide to ebooks](#)

## eBook Challenge: Do one or more of the following:

1. Create Book Creator (app) publication with text, images, link, audio and video
2. Create a Flipsnack book
3. Create a book using another of the tools listed above

## Vocabulary-Writing Tools

- [Visuwords](#)
- [Wordle](#) - also [Tagxedo](#), [TagCrowd](#)
- [Text Content Analysis Tool](#)
- Text analysis and “readability statistics” using Microsoft Word

## Comic Book creators

- [ReadWriteThing comic creator](#) - simple and basic
- [More Comic Book creator resources](#)

## Ways of finding multimodal texts

- Google Search using “etext” in keywords
- [Gutenberg](#)
- [U. of Virginia extext archive](#)
- [Google Books](#)
- [Goodreads](#)

## Relate & Create: Blogs

### Introduction

[TEWT guide - Blogging](#)

[How to Comment Video](#) - Mrs. Yolis' Elementary School Students

## Getting Started with Blogs

[Blogger](#) is a free, quick, and easy way to blog. Post text, photos, quotes, links, music, and videos. Other options include [Edublogs](#), [WordPress Classroom](#), or [KidBlogs](#).

## Beginner Challenges - compose and edit posts

1. Start a new post and give it a title (such as "welcome to my blog"). Write sentences welcoming readers to your blog.
  - Use **bold**, *italics*, and colored text at various points in your sentences. Do a spell check.
  - Publish your post and view your blog.
2. Start a new post with the title "Recommended Resources."
  - Create a numbered list of links to three external web sites.  
**Tip:** Type text and select it, then click "link" icon
  - Publish your post and view your blog.
3. Now edit the first post you made and add a picture to it, either uploaded from your computer or from the web.
4. Edit the second post you made and add a link to the blog of a teacher next to you.
5. Leave a comment on one of their posts congratulating them on their blog!

## Advanced Challenges - add multimedia and interactivity to your blog

1. Create a new post. Add a [YouTube](#) video.

- **Tip:** If video appears too big, use "Edit HTML" tab to reduce width & height.

\*\* [EdTechTeacher Google Presentation](#) with directions for finding the embed codes on a variety of web tools\*\*

2. Record your voice using Vocaroo and embed the file in a blog post

3. Record a Fotobabble or create a Thinglink and embed in a blog post.

4. Click on your *layout* tab and add the following "gadgets" to one of the side bars (if using WordPress, explore similar *Widget* options):

- **Text:** Add a welcome message to your blog or some other bit of text
- **Image:** Add image from your computer or Web
- **Link list:** Title it "My favorite resources" and add links to three favorite web resources.
- **Profile:** Add info about yourself
- **Poll:** Create a poll asking students how long homework took them last night.
- **Translate:** enable visitors to translate your blog into different languages
- **Search:** Add search box so visitors can search your blog
- **Blog Archive:** adds links to older posts

5. Embed one or more of the following books into a blog post:

- [Narrative of the Life of Frederick Douglass](#)
- [Pride and Prejudice](#)

**Tip:** If book appears too big, use “Edit Html” tab to reduce width & height.

6. Add a QR code of a public-domain novel or book in a post:

- [books2barcodes](#)
- [Gutenberg](#)

7. Create a 30-second [Animoto](#) and embed in a post.

Read “[Why Middle School Students Should Blog?](#)”

8. Read “[The Day in the Life of a Teenage Hobo Project](#)”

Consider blogging activities that might include multiple forms of communication and nurture C-R-C-D.

\*\* [EdTechTeacher Video Tutorial](#) for adding embed codes to blogs

## **Blogging Resources**

**Note:** Blogging in Chapter 2 *Best Ideas for Teaching with Technology: A Practical Guide for Teachers, by Teachers*

- EdTechTeacher [Classroom Blogging Examples video tutorials](#)
- EdTechTeacher [Blogger video tutorials](#)
- [“10 Things To Do With Your Blog”](#)

**Note:** This chart can help you sort out the [differences between blogs, wikis, and Google Docs](#)

## **Copyright, Citations, Plagiarism, Evaluation** [slides](#)

### **Usage Rights in Google Image Search**

- [Creative Commons.org](#)
- [OER Commons](#)

### **Resources**

- [Kathy Schrock's Critical Evaluation Guides](#)
- [NoodleTools](#)
- [Whois?](#) - Who owns that domain?
- [Wayback Machine](#) look at web pages back in time
- EdTechTeacher [Public Domain Image Sources](#)
- FreeTech4Teachers: [9 Sources for Public Domain & Creative Common Images](#)
- FreeTech4Teachers: [5 Sources for Free Sound Effects & Music](#)
- [EdTechTeacher Research & Writing resources](#)

### **Multimedia publication examples:**

[Hamlet Graphic Novel](#)

[The Sound and The Fury](#)  
[Henry IV](#)  
[Dream](#) (Response to MLK speech)

## Relate & Create - Google Docs (Drive)

### What is Google Docs? Google Drive?

- Collaborative
- Online
- Publishing
- Live Editing

[www.drive.google.com](http://www.drive.google.com)

### Google Docs Group Challenge

**Goal:** Create a collaborative document that outlines & explores what you have learned in the workshop.

**Document Creator:** share the document with everyone in your group and give them editing status.

**Before you Begin:** You may discuss the organization and planning of the document face to face for five minutes. After the first five minutes, all discussion must take place in the document or in the document chat window.

#### Challenges:

1. Assign responsibilities and begin to edit the document collaboratively.
2. Change the name of the document
3. Use the following formatting functions in your document
  - Bold
  - Text color
  - Highlighting
  - Font style
4. Create a bulleted list with hyperlinks to at least three resources we have explored in the workshop.
5. Add at least one image to the document
6. Every group member - select a piece of text and insert a comment associated with that text.
7. Check the spelling of the document
8. Check the Revision History of the Document
9. Download the document as either a Word Doc or a PDF

## Google Docs in the Classroom

- [English teachers video on paperless grading with Google Docs](#)
- Google Apps Lesson Plans [www.google.com/apps/eduresources](http://www.google.com/apps/eduresources)
- Historical Novel (Grades 4-6) Writing for Context (Grades 10-12 Reader's Workshop Activities (Grades 4-6) Class Collection of Book Reviews (Grades 7-9)

## Select Examples & Tools

World Wide Waldens, <http://www.worldwidewaldens.org/>

Veterans History Project, <http://www.loc.gov/vets/>

My Hero Project, <http://myhero.com/go/home.asp>

Pecha Kucha, <http://youtu.be/9NZOt6BkhUg>

Journal of Harriet Tubman: [http://dowell.typepad.com/harriet\\_tubman/](http://dowell.typepad.com/harriet_tubman/)

Future States, <http://futurestates.tv/>

Collaboration via **Subtext** app

- [EdTechTeacher Subtext video tutorial](#)

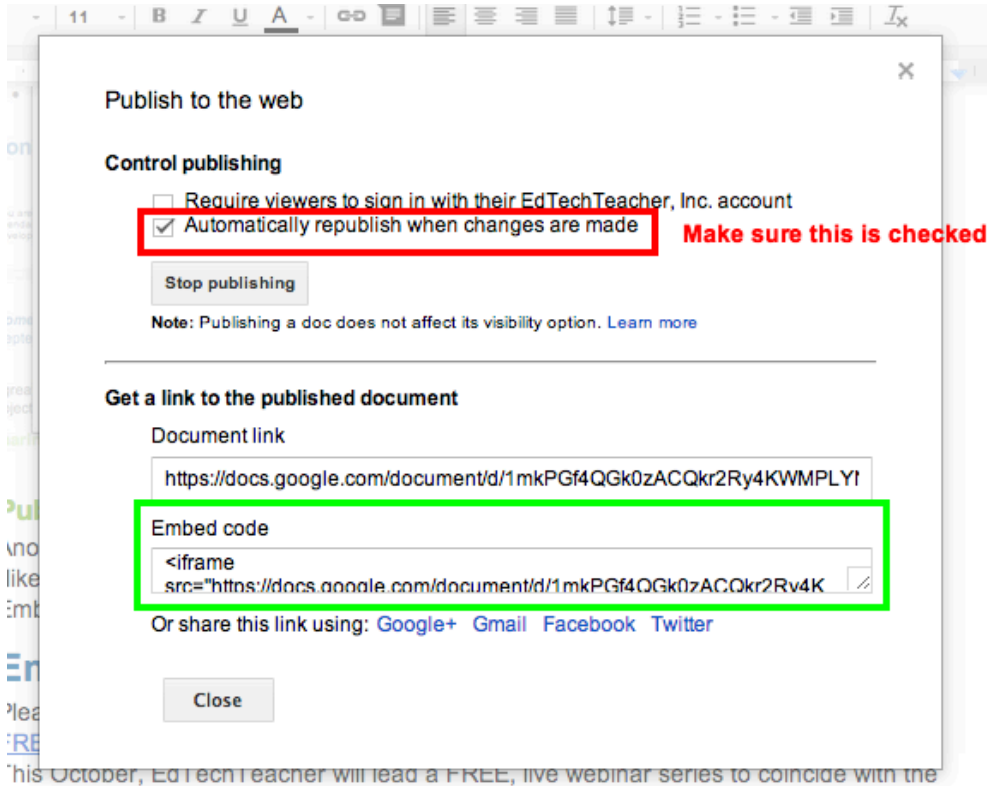
## Relate & Create - Google Docs (Part II)

### Google Presentation Challenge

**Goal:** Become familiar with the Google Presentations platform by creating a three (3) slide presentation that explains what you have learned today in the workshop.

1. Create a new Presentation
2. Select a theme
3. Create a title slide with a Title & Subheading
4. Create slides with:
  - Bulleted list of ideas for how you could use Google Docs in your classroom
  - An image from the web with a text caption below
  - A video from YouTube embedded in the slide
5. Publish your presentation to the web





6. Download the presentation as either a PowerPoint or PDF

### Extension Challenges (Optional)

Create a slide with:

- Table
- Drawing
- Embed your presentation in your blog!

[Google Presentations Video Tutorial](#)

## Google Drive III – Forms

Google Docs Challenge: participants work on Forms in separate small groups synchronously on editing docs

### Google Forms Challenge

The goal is for each of you to create a new form that evaluates *factual* knowledge and understanding of what your students have learned:

- Create a 3-6 question quiz with multiple-choice and select-reponse questions
- Give your form a title.
- Write a short set of instructions.
- Ask questions that elicit information from a curriculum topic.

- Find the URL of your live form.
- Email your form to 2 colleagues or post it on twitter using #asdett.
- Take each others' quizzes.
- Once everyone is finished, check your responses.
- Go back and edit the original form and add a new question.
- Find the URL of your form again.

#### **Optional advanced challenges:**

- Change the style of your form
- Change the confirmation message
- Create 6 multiple choice questions, separate them into three pages, and make it so that the answer to the second question determines whether the survey taker takes the 3rd and 4th questions or the 5th and 6th question.

\*\* [EdTechTeacher Google Forms Video Tutorial](#)

### **Google Forms - Self Graded Quizzes with Flubaroo**

[Google Forms- sharing and self-graded quizzes](#) (video tutorial)

[Create a self-grading quiz](#) (without Flubaroo)

### **(Optional) Paperless Essay Grading with Spreadsheet “conditional formatting”**

[Paperless Grading Rubric](#) (from HS English teacher)

### **Doctopus Script - Auto Doc Distribution & Management**

You can add Doctopus to a Google spreadsheet to:

- auto-generate documents (such as Google docs, PDFs, images)
- pre-share documents
- manage feedback (from individuals & groups)
- integrate with Gmail

[Doctopus overview](#)

[Doctopus walkthrough](#)

[Doctopus setup instructions](#)

### **iMovie Challenge**

Work in groups of 2-3 to create either an iMovie trailer or an iMovie video to introduce a topic, explain something that you have learned, or address a curriculum topic. Include images, sound, text, video, and transition effects.

1. Upload the audio to Google Drive (option: YouTube)

## Podcasting / Audio - Garageband & SoundCloud Challenge

### Create a Podcast using Garageband

1. Ask three workshop related questions to a colleague.
2. Record your questions & their answers.

### Advanced:

3. Insert intro music & background music.
4. Publish to SoundCloud (online audio hosting).

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## Jigsaw Activity

Jigsaw: in small groups explore additional tools and possibilities

- Capzles (interactive timelines)
- Glogster (interactive posters)
- Aurasma and Layar (augmented reality)
- Explain Everything (app - screencasting)
- Screenchomp (app - K-2 screencasting)
- Subtext (app - collaborative reading, notes)
- Quizlet (study tool)
- Pop Corn Maker (enhance, share web video)
- Video Notes (Google Drive)
- Symbaloo (organize websites)
- LiveBinders (organize resources in binders)
- Clasdojo (classroom management)
- Padlet ("paper for the web")
- Chirp (app - share images, more instantaneously)
- Sound Cloud (web and app - record, edit, store sound)
- Remind101 - (safe text messaging)
- todaysmeet (backchannel chats)
- Sage Doodlecast (app - K-2 storytelling)
- Little Bird Tales (web and app - elementary storytelling)
- Nearpod (app -- interactive presentations)
- Slideshare - (find/share presentations)
- Paper53 (app - freehand writing)
- Kidblog (web and app)
- Stick Around (app - create/solve puzzles)

## Donate - Personal Learning Network ( PLN )

### Social Bookmarking with Diigo

1. Create a Diigo account - [www.diigo.com](http://www.diigo.com)
2. Confirm your diigo account - Diigo will send a confirmation email (check your spam folder)
3. Add your first bookmark to your Diigo account:
  - a. Go to: <http://www.diigo.com/item/new/bookmark>
  - b. Fill in the URL, name, description & tags
4. Add another bookmark
  - a. Click on “My Library”
  - b. Click on the small “Add+” button
5. Add the toolbar to your browser
6. Join our ASDETT group
7. Save a bookmark to your group

#### OPTIONAL:

Diigo has a number of extensions available for various browsers that allows you to bookmark to your Diigo account without having to log into Diigo. Visit <http://www.diigo.com/tools> to find the tool / extension for your particular browser.

#### EdTechTeacher Diigo Resources:

- [Video Introduction to Diigo](#)
- [Video Tutorial to using Diigo on an iPad](#)
- [Teaching English with Technology Social Bookmarking Page](#)
- [Teaching English with Technology Social Networks Page](#)



## End of Workshop Survey & News

Please complete [this survey](#) before you leave! In the survey confirmation, you will receive a link

to download a certificate of participation.