

Digital Tools to Empower 21st Century Learners

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“The conversation has shifted from *whether* technology should be used in learning to *how* it can improve learning to ensure that **all students** have access to high-quality educational experiences.”

-U.S. Department of Education



Universal Design for Learning Guidelines

VISIT THE UDL GUIDELINES 

AFFECTIVE NETWORKS:
THE **WHY** OF LEARNING



Engagement

For purposeful, motivated learners, stimulate interest and motivation for learning.

RECOGNITION NETWORKS:
THE **WHAT** OF LEARNING



Representation

For resourceful, knowledgeable learners, present information and content in different ways.

STRATEGIC NETWORKS:
THE **HOW** OF LEARNING



Action & Expression

For strategic, goal-directed learners, differentiate the ways that students can express what they know.

Image credit: CAST: About Universal Design for Learning: http://www.cast.org/our-work/about-udl.html#.Xk_OvmhKiiM

Multiple Means of Representation

“Learning is impossible if information is imperceptible to the learner, and difficult when information is presented in formats that require extraordinary effort or assistance.” (CAST, 2011)



as unique as their fingerprints.



0:27 / 4:36



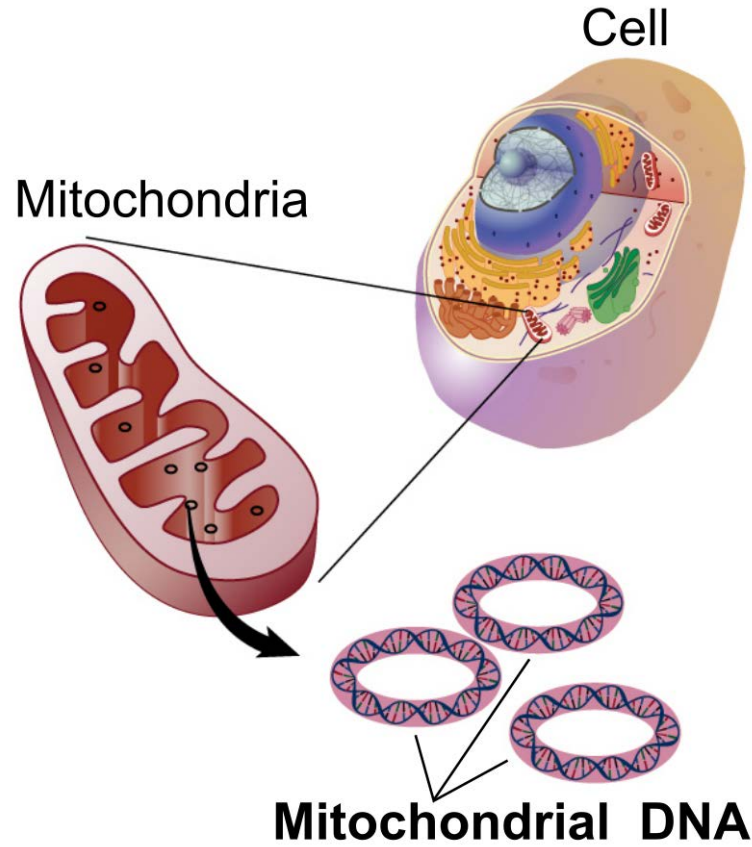
Mitochondria Video:



Mitochondria Text:



Mitochondria Audio:









15 Science Projects for Book Creator Classrooms

by Dr. Monica Burns



9 Animal Habitats

Students can create an ebook showcasing where an animal lives.

Your students can probably tell you a lot about where they live. As they learn about different animals and what makes each one special, students can design one page for a collaborative ebook that showcases the habitat of the animal they are studying. Each student page can be used for a multi-page class ebook that describes the habitats of animals from around the world!

Students can create an animal habitat ebook to show their reader where an animal lives. **You might ask students to include:**

- Name of an animal
- Description of where the animal lives
- Photo or illustration of a map
- A student video describing the habitat
- A list of other animals that share the same habitat
- Key features that make the habitat unique

A classroom scenario

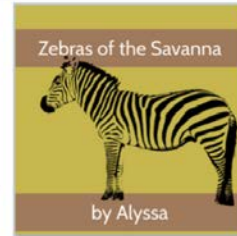


Providing students with choices for which animal they will study can help maintain engagement in the task. If you are studying a particular region with your students, you might provide a list of animals for them to choose from that relates to your learning goals. For example, if your students are studying the tundra, you might ask them to choose from a set list of animals like: an arctic fox, caribou, or ermine.

Giving students an audience for their work can take many forms. Your students can share their work with classmates, schoolmates or families. Alternatively, you might reach out to an organization that supports conservation of animals and share your creations with their team.

In this example of an animal habitat ebook, the cover includes the name of the animal and the habitat a student is profiling.

You might ask students to profile animal habitats in your community.



Yelp was right to fire entitled millennial who whined about...

My Notebook > Quick Notes



An open letter may not be the best way to air your grievances, as ex-Yelp employee Talia Jane demonstrated,



Math Spinner Toy
by christinachun

Nov 16, 2013



662 706 14

Polyhedra - Hinged Nets a...
by mathgrl

Nov 18, 2013



333 334 2

Math Gear(s)
by SSW

Nov 18, 2013



676 853 3

Math Dominoes
by Schabs

Nov 18, 2013



25 28 3

Parabola Manipulative
by jijimath


Nov 19, 2013



88 66 5

Area of a Parallelogram
by jijimath

Nov 19, 2013



20 15 0

Multiple Means of Engagement

“Even though we have one of the most diverse countries in the history of the world, and even though it's the 21st century, we still design our learning environments like textbooks for the average student.”

~Todd Rose (“The Myth of the Average” TED Talk)



Design open-ended activities that encourage student choice based on interest (in the topic and/or technology)

Activity Objective: Your task this week is to **design a digital media product that enhances student learning.** Your design should draw from what you learned in [Week 2](#) about how digital media can enhance student learning and you should use one of the tools you explored and evaluated from [Week 1](#).

Activity Instructions: Choose a topic that your students have struggled with (e.g., why do leaves change color?) or that helps you achieve a learning goal (e.g., my students are not engaged in writing arguments to support claims). Make sure the topic is simple and easy to demonstrate through digital media. For example,

Hello!

I am Torrey Trust

I am here because....*I am excited to learn from everyone in EDUC 593A*



1

Superpower

My superpower is:

Writing



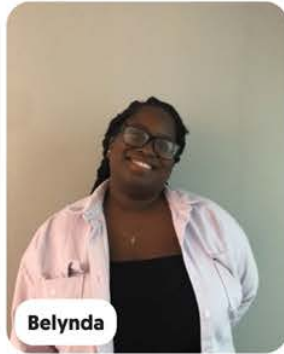
10

10 Responses 0 Replies [0.8h Engagement](#)

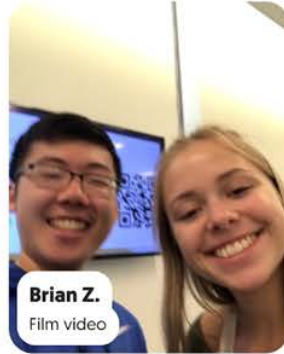
[Random](#) [Slideshow](#)



Yazhi C.



Belynda



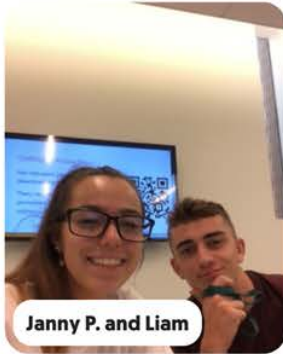
Brian Z.
Film video



Lynus E, Hyuk-Je K
Introduction



Allison W.



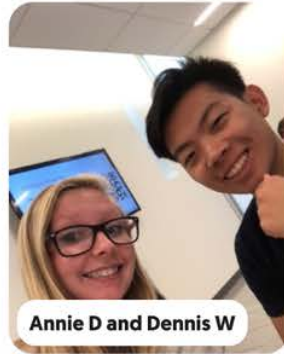
Janny P. and Liam



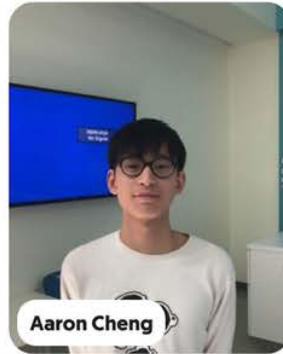
Brian



Sebastian Haro



Annie D and Dennis W



Aaron Cheng

Communication Stations

ASCII BINARY ALPHABET

A	1000001	N	1001110
B	1000010	O	1001111
C	1000011	P	1010000
D	1000100	Q	1010001
E	1000101	R	1010010
F	1000110	S	1010011
G	1000111	T	1010100
H	1001000	U	1010101
I	1001001	V	1010110
J	1001010	W	1010111
K	1001011	X	1011000
L	1001100	Y	1011001
M	1001101	Z	1011010

Station 1 Binary Code Bracelet

STATION 1 Binary Code Bracelet

In this station you will spell a word or name using binary code, pony beads, and a pipe cleaner.



Station 2 Roller Robot

STATION 2 Roller Robot

In this station you will work with Miss Williamson to learn how to communicate with a robot.

Braille Alphabet

braille.alphabet.org

a	b	c	d	e	f	g
h	i	j	k	l	m	n
o	p	q	r	s	t	u
v	w	x	y	z		

Station 3 Braille Card

STATION 3 Braille Card

In this station you will write out a word or phrase using the braille alphabet. You will use split peas as your braille and glue on an index card.

Morse Code

A	•-•-	J	•-•-•-
B	•-•••-	K	•-•-•-
C	•-•••-	L	•-•-••-
D	•-••-	M	•-•-•-
E	•-•-	N	•-•-
F	•-••-	O	•-•-•-
G	•-•-•-	P	•-•-••-
H	•-•••-	Q	•-•-•-•-
I	••••	R	•-••-

Station 4 Morse Code Signals

STATION 4 Morse Code Signals

In this station you will write out a word or phrase using morse code, then practice sending your words to a partner with a laser.

Using Tech to Engage Learners

 **Esha** @eshaaaam · Nov 4
#teentober #booksnaps #chsread
Angie Thomas - The Hate U Give
Jennifer Niven- Holding up the Universe






lukas gene bjorgo @BjorgoGene · Nov 3
Who knew #BookSnaps could be so much fun! #SC356

Multiple Means of Action & Expression

“In reality, there is not one means of action and expression that will be optimal for all learners; providing options for action and expression is essential.” (CAST, 2011)

Quang. Olivia, Anastassia





















WHAT IF I TOLD YOU



**THE SEASONS ARE CAUSED BY
THE TILT OF THE EARTH'S AXIS**



<p>Make a Movie or Music Video</p> 	<p>Design an Interactive Video</p> 	<p>Create a Screen Recording</p> 
<p>Record a Podcast</p> 	<p>Create Music</p> 	<p>Tell a Story</p> 
<p>Make a Mindmap</p> 	<p>Code a Song or Game</p> 	<p>Design an Infographic</p> 
<p>Create a Meme or Poster</p> 	<p>Design a Comic</p> 	<p>Create a Graphic or <u>Sketchnote</u></p> 
<p>Put Together a Slideshow</p> 	<p>Curate a Digital Wall of Resources</p> 	<p>Build a Website or Blog</p> 
<p>Design a Timeline</p> 	<p>Build a Virtual Tour or World</p> 	<p>Create a Whiteboard Presentation</p> 

October Reading Response Activities

Read for 15 minutes each night.


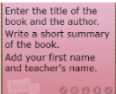






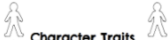
You need to complete at least 3 activities by Oct. 31, 2019.

Color in the box when you have finished the activity.

[Directions](#)

Add All Your Links [HERE](#)



<p>AUDIO</p>  <p>Record one of your favorite passages from the book using FlipGrid. In the recording, explain why you chose the passage.</p> <p>FLIPGRID</p>	<p>SUMMARY</p>  <p>Enter the title of the book and the author. Write a short summary of the book. Add your first name and teacher's name.</p> <p>Write a brief summary of your reading on this Board. Be sure to include your name, the title and author of the book, and your teacher's name</p> <p>Link Board</p>	<p>CHARACTER MAP</p>  <p>Use this Google Draw Template to complete the Character Map on one of the main characters in the story.</p>
<p>VENN DIAGRAM</p> <p>Use this Venn Diagram Template to compare YOU and a character in your reading.</p> 	<p>STUDENT CHOICE</p> <p>You can choose to do any activity you wish - just check with your teacher first!</p> 	<p>ABOUT THE AUTHOR</p>  <p>Create a Google Slide presentation about the author of the book you are reading. Include other books by this author in your presentation.</p> <p>Sample Background Slide</p>
<p>BEST QUOTE</p> <p>Use paper or Use Google Draw or Google Slides to write and illustrate one of your favorite quotes from the book. Be sure to include the book title and why you chose this quote.</p> 	<p>WORD STUDY</p>  <p>Make a list of words that are unfamiliar to you in your text. Create a Visual Dictionary of words. Minimum 10 words.</p>	<p>CHARACTER TRAITS</p> <p>Create your own character trait grid.</p> <p>Use this Template.</p> <p>Character Traits</p>  <p>List of Character Traits</p>

4 C's Digital Learning Menu

 <p>Communication</p>	 <p>Collaboration</p>	 <p>Critical Thinking</p>	 <p>Creativity</p>
<p>1. Summarize your learning using the digital tool of your choice. Feel free to use multiple types of media. (ex: video, presentation, drawing, Twitter, mindmap)</p>	<p>3. With a partner, discuss the topic/question, then together create a digital representation of your thoughts, ideas, questions and reflections. (ex: Slides, Padlet, drawing, video)</p>	<p>5. Using the image provided by your teacher, infer what happened in the picture. Retell what you think happened in your own words and expressed with the digital tool of your choice. (ex: timeline, diagram, digital story)</p>	<p>7. List as many uses for a paperclip that you can think of in ten minutes. Share with a partner and push your team to think of 20 more!</p>
<p>2. Teach a concept from this week's learning to another student using the digital tool of your choice. Feel free to use multiple types of media. (ex: screencast tutorial, YouTube video, diagram, podcast)</p>	<p>4. With your team, discuss possible solutions to the problem and develop a solution. Together, create a digital representation of your solution using the tool of your choice. (ex: sketch, diagram, Docs, Slides, Sites)</p>	<p>6. Research a current issue that you are passionate about. Using your research as evidence, craft an argument using the digital tool of your choice to assert your opinion with ideas to solve. (ex: writing, video, podcast)</p>	<p>8. Reinvent school! If school could be anything you wanted it to, what would it look like? What would you learn? How would you learn it? Create a model of your new school using the digital tool of your choice.</p>

[ShakeupLearning.com](#)

MAKER EDUCATION

Makerspaces and Equal Access to Learning

Makerspaces can democratize learning, create a culture of participation, allow for teaching with visual cues, offer thematic planning opportunities, and facilitate differentiated instruction.

By [Laura Fleming](#) & [Billy Krakower](#)
July 19, 2016

EdSource

HIGHLIGHTING STRATEGIES FOR STUDENT SUCCESS

TOPICS

COMMENTARIES

PROJECTS

DATA

PUBLICATIONS

ABOUT EDSOURCE



'Makerspaces' for science instruction also proving helpful for English learners

MATH AND SCIENCE

NOVEMBER 30, 2016

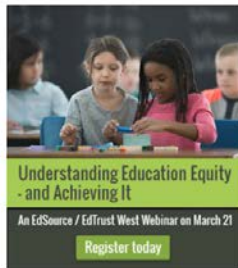


PAT MAJO

2 COMMENTS



CREDIT: PAT MAJO / EDSOURCE TODAY



Maker Spaces: What Can They Do for ELL Students?

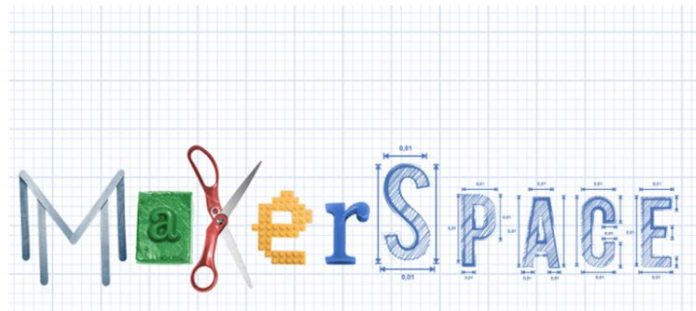
By [Peter DeWitt](#) on June 28, 2015 9:45 AM

[Tweet](#) [Share 41](#)

Today's guest blogger is [John Spencer](#), an author and speaker who recently left the classroom after eleven years as a middle school teacher to become a full-time assistant professor at George Fox University.

Makerspaces: Hands-on Learning for Students of All Abilities

[Library Resources](#) | August 30, 2017



“The conversation has shifted from *whether* technology should be used in learning to *how* it can improve learning to ensure that all students have access to **high-quality educational experiences.**”

-U.S. Department of Education





20 Digital Tools & Apps for Your Classroom

EXPLORE THE STUDENT STANDARDS

- | | | | |
|---|------------------------------|--|---|
| 1 | Empowered Learner | Students leverage technology to take an active role in choosing, achieving and demonstrating competency in their learning goals, informed by the learning sciences. | + |
| 2 | Digital Citizen | Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical. | + |
| 3 | Knowledge Constructor | Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others. | + |
| 4 | Innovative Designer | Students use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions. | + |
| 5 | Computational Thinker | Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions. | + |
| 6 | Creative Communicator | Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals. | + |
| 7 | Global Collaborator | Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally. | + |

Empowered Learner Tool: Diigo

The screenshot displays the Diigo user interface. At the top, there is a navigation bar with the Diigo logo and links for 'My Library', 'My Outliners', 'My Groups', and 'Tools'. Below this is a search bar labeled 'My Library' with a search icon and a dropdown arrow. A context menu is open over the top right of the page, listing actions: 'Save Bookmark', 'Read & Annotate', 'Annotate PDF', 'Annotate Screenshot', 'Open outline sidebar', and 'Like it? Please give us a 5-star rating!'. The main content area shows a list of items in the 'My Library' section. On the left, there is a sidebar with filters: 'All', 'Annotated', 'Unread', and 'Tags'. The 'Tags' section lists various tags with their counts: accessibility (32), tools (30), social media (22), edtech (21), google (17), learning (14), media literacy (14), makerspace (11), and digital citize... (10). The main list of items includes:

- Mainstreaming_Making_Toolkit-1581021187.pdf**
d3e7x39d4f7wbe.cloudfront.net | making | 1 hour ago
- Why Assessments Don't Really Measure Understanding | TeachThought PD**
wegrowteachers.com | understanding | blooms | 1 hour ago
- Adopting Open Educational Resources Can Help Students. But It Takes Time, Money a...**
www.edsurge.com | OER | 1 hour ago
- Pushing Ourselves Professionally: 5 Ways to Share Our Educator Talent | Learning as I...**
rdene915.com | pln | 2 days ago
- Are Algorithmically-Generated Term Papers the Next Big Challenge to Academic Integ...**
www.edsurge.com | AI | cheating | 2 days ago
- Dr Scratch | Digital Technologies Hub**
www.digitaltechnologieshub.edu.au | scratch | coding | 2 days ago
"Dr Scratch is a free online analytical tool that evaluates Scratch projects"
- Out-of-context photos are a powerful low-tech form of misinformation**
theconversation.com | media literacy | Feb 19, 2020
"Out-of-context photos are a powerful low-tech form of misinformation"
- Virtual and Augmented Reality Apps for Learning – Get Started with Augmented and ...**
getstartedwithrandvforlearning.pressbooks.com | augmented | reality | virtual reality | Feb 19, 2020

Empowered Learner Tool: Twitter

The screenshot shows a Twitter search for the hashtag #avr3d. The search results are filtered to 'Latest' posts. The first tweet is from Neydi Rodriguez (@RodriguezNeydi6) posted 12 minutes ago, titled 'VR Future experience!' and includes a link to a lesson plan. The second tweet is from Cammie Kannekens (@MrsKannekens) dated Feb 20, mentioning #ARVR3D and #ETCoaches, with a video showing 3D letters 'PUN' in a virtual environment. The third tweet is from Jennyfer Camargo (@JennyferCamarg8) dated Feb 20, discussing a 3D student-centered lesson plan for EFL students.

Search filters

People

- From anyone
- People you follow

Location

- Anywhere
- Near you

[Advanced search](#)

Trends for you

- Politics · Trending
- Doug Collins**
13.8K Tweets
- Politics
Georgia Rep. Doug Collins he's not interested
- #HuntersTV** 📺
WATCH NOW on Prime Video
Promoted by Prime Video
- Politics · Trending
- Tariffs**
12.3K Tweets
- Trending in United States
#FridayMotivation
30.3K Tweets
- Trending in United States
#FlashbackFriday
9,501 Tweets

Empowered Learner Tool: Meme Generators (Google Drawing Template)

The screenshot shows a Google Drawing interface titled "Copy of Meme Generator II - ...". The top menu bar includes "File", "Edit", "View", "Insert", "Format", "Arrange", and "Tools". A blue "Share" button is visible in the top right corner. The drawing area features a light gray checkerboard background. On the left side, there is an orange-bordered box containing the following text:

GUIDELINES
copy of this Drawing

the image you want.
to the canvas and then
to fill the canvas.
click on the text boxes
the words to your
ts.
inished, choose File,
As .png to download
ge.

enerator was adapted using
ers [original meme generator](#)

Image Sources: [imgflip](#)

is licensed under a [Creative Commons](#)
[Attribution-NonCommercial-ShareAlike 4.0 International License](#).
with Steve Wick @[WickedEATech](#) if
tions.

The main drawing area contains two text boxes with the text "DOUBLE CLICK TO CHANGE" in a white, outlined font. The top text box is positioned above a large, empty rectangular area. The bottom text box is positioned below the same area and includes the text "BOTTOM TEXT" in a smaller font. To the right of the drawing area, there is a vertical grid of image thumbnails. The thumbnails include: a grumpy cat, a baby crying, a baby laughing, a man with a surprised expression, a woman smiling, a baby with a surprised expression, a green alien holding a red heart, a woman with a surprised expression, a cat with its mouth open, and a Shiba Inu dog. On the far right, there is a vertical sidebar with a calendar icon showing "31", a lightbulb icon, a checkmark icon, and a right-pointing arrow.

Empowered Learner

Tool: [Meme
Generators](#)

(Google
Drawing
Template)



teaching
alone in
your classroom

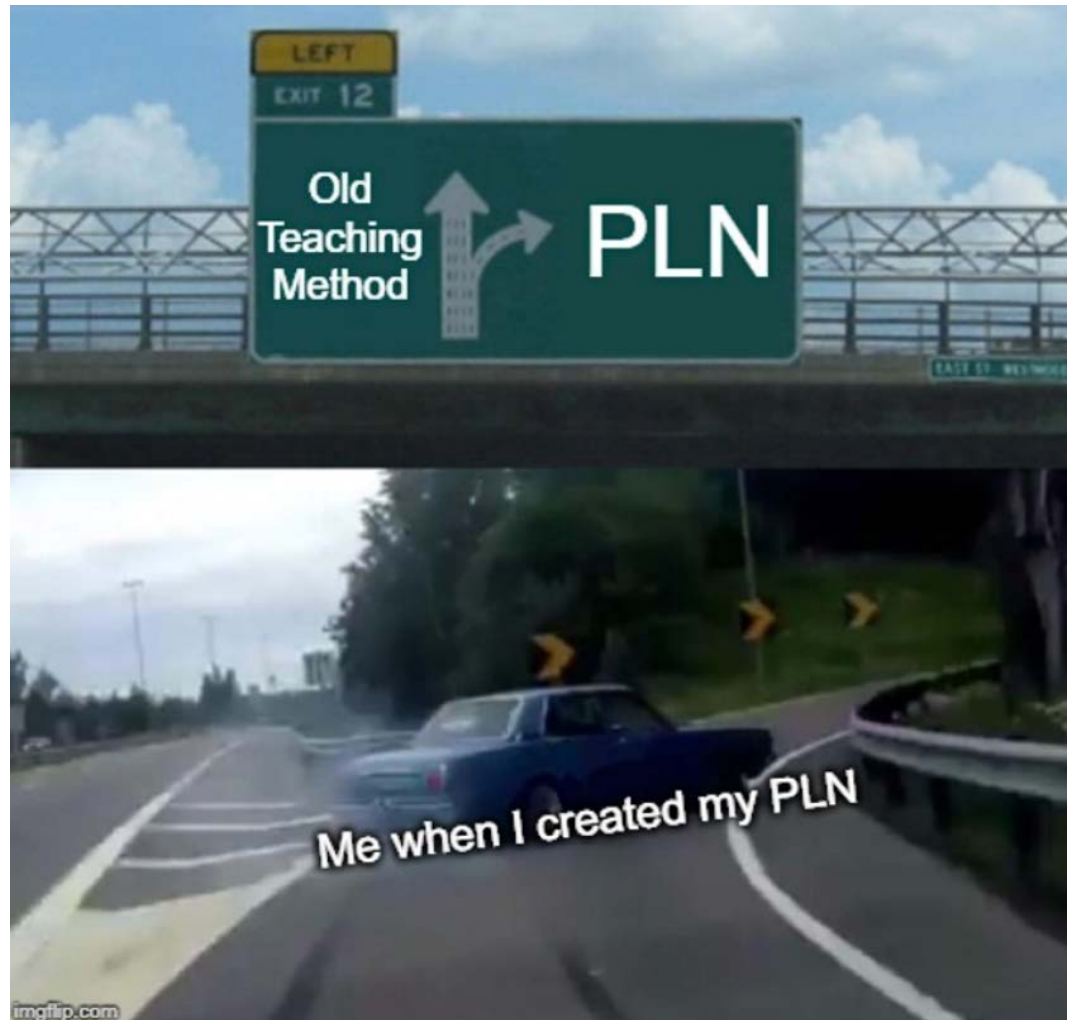


sharing
ideas and thoughts
you learned from
F2F and digitally
from your PLNs
with your students

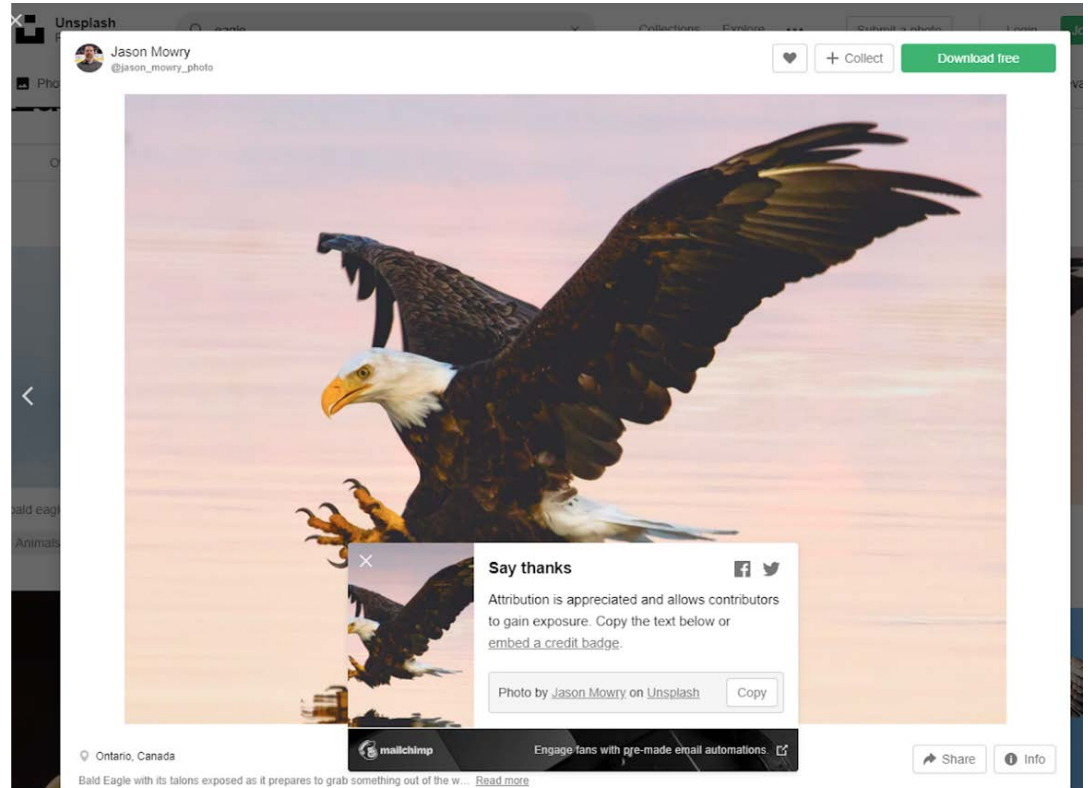
Empowered Learner

Tool: [Meme
Generators](#)

(Google
Drawing
Template)



Digital Citizen Tool: Unsplash



The screenshot shows a web browser displaying an Unsplash photo of a Bald Eagle in flight against a sunset sky. The eagle's wings are spread wide, and its talons are visible. The photo is credited to Jason Mowry (@jason_mowry_photo). The interface includes a 'Download free' button, a 'Say thanks' dialog box with social media icons, and a 'Copy' button for the attribution text. The attribution text reads: 'Photo by Jason Mowry on Unsplash'. The background shows a dark sidebar with navigation icons and a footer with a location tag 'Ontario, Canada' and a Mailchimp banner.

Unsplash

Jason Mowry
@jason_mowry_photo

Download free

Say thanks

Attribution is appreciated and allows contributors to gain exposure. Copy the text below or [embed a credit badge](#).

Photo by Jason Mowry on Unsplash

Copy

Ontario, Canada

mailchimp Engage fans with pre-made email automations.

Share Info

Bald Eagle with its talons exposed as it prepares to grab something out of the w... [Read more](#)

Digital Citizen Tool: YouTube Audio Library

Audio Library

Free music Sound effects

Browse and download free music for your project.

Tracks	Genre	Mood	Instrument	Duration	Attribution	Search music	
▶ Collapsing All Around		2:57	Amulets		Attribution not required	amatic	↓
▶ Resolver		3:22	Amulets		Attribution required	ark	↓
▶ This is Not a Dolphin		3:47	True Cuckoo		All licenses	Ambient Inspirational	↓
▶ Invisible Beauty		3:08	Aakash Gandhi			Ambient Romantic	↓
▶ This is Not Effortless		4:10	True Cuckoo			Classical Sad	↓
▶ Lucid Haze		3:05	Amulets			Cinematic Dramatic	↓
▶ Tundras		2:56	Amulets			Cinematic Dramatic	↓
▶ Chords of Harmony		3:09	Aakash Gandhi			Ambient Bright	↓
▶ Nocturnally		3:03	Amulets			Cinematic Dark	↓
▶ This is Not Jazz		3:32	True Cuckoo			Dance & Electronic Bright	↓
▶ Til Death Parts Us		2:13	Aakash Gandhi			Ambient Calm	↓

Digital Citizen Tool: Wix

The screenshot shows a website for Evan Greenwald, an educator. The header includes the name 'Evan Greenwald' and the title 'Educator'. A navigation menu contains links for 'HOME', 'LEARNING + TEACHING PHILOSOPHY', 'RESUME', 'ED TECH PROJECTS', and 'CONTACT'. The main heading is 'ED TECH PROJECTS'. Below this, there are two project cards. The first card, 'Project | 01 Tinkercad 3D Printing Figure', features a 3D model of a figure on a grid and a photograph of a smartphone. The second card, 'Project | 02 PowToon Video-- Media Literacy and Professional Development', features a graphic with the text 'MEDIA LITERACY + PROFESSIONAL DEVELOPMENT' and a laptop displaying a globe with 'Media Literacy' written on it. Each project card includes a brief description of the work.

Evan
Greenwald
Educator

HOME LEARNING + TEACHING PHILOSOPHY RESUME **ED TECH PROJECTS** CONTACT

ED TECH PROJECTS

Project | 01

Project | 01 Tinkercad 3D Printing Figure

In this project, I used Tinkercad, an online 3D printing tool, to create a representation of a queer person who has contributed to the technology field. I chose Tim Cook, the current Chief Executive Officer of Apple, and I used symbols such as an iPhone, glasses, a leaf, and a rainbow Apple logo to represent him.

Project | 02

Project | 02 PowToon Video-- Media Literacy and Professional Development

For this project, I used PowToon, a popular platform for making professional animated videos, to create a video about media literacy and professional

Knowledge Constructor Tool: [Wakelet](#)



Knowledge Constructor Tool: [Webjets](#)



Knowledge Constructor Tool: [Hypothes.is](https://www.hypothes.is) (free) or [Perusall](https://www.perusall.com/)



The screenshot shows a web browser displaying the SCORAI website. The browser's address bar shows the URL <https://www.scorai.it/teaching/>. The website header features the SCORAI logo and the tagline "Sustainable Consumption Research and Action Initiative". A navigation menu includes links for "About", "New Publications", "Jobs", "Network News", "Jobs", "Monthly Newsletter", "Sign & Options", "Videos", and "Teaching". Below the menu, there are additional links for "Working Groups", "Members", "Partners", "2016 Conference", "Calendar", "Facebook", and "Twitter".

The main content area is titled "Teaching" and features a heading: "Welcome to the SCORAI Sustainable Consumption (SC) Teaching project." Below this heading, a paragraph states: "These pages provide an overview of courses around the world that include a 'sustainable consumption' dimension. Please join me [commentary](#), by providing information on your course, starting with an [introductory](#) and innovative teaching approaches, or simply [collaborating](#) with us through your [comments](#)."

Below the paragraph, it says "SCORAI Teaching offers the following:" followed by a bulleted list:

- [Course descriptions](#) providing a detailed overview of each course listed under [Bachelors/leveling overview](#)
- [Teaching materials & resources](#) on the topic of SC provided and shared by teachers of related courses
- The [Sustainable Consumption Teaching videos series](#), where invited guests provide a short introduction to a theme of interest to students.

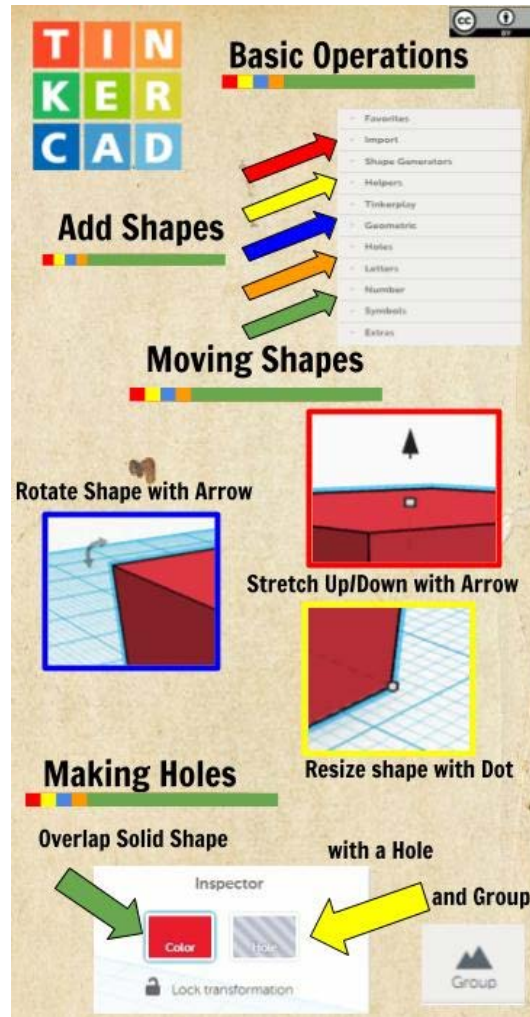
At the bottom of the list, it says: "For a further summary, please also see the related [Wikipedia article](#)."

On the right side of the page, there is a section titled "INTERESTED IN ADDING YOUR COURSE?" with the text: "Please contact [Marieke Salomon](#) to add your course to the list by completing a short form."

Below that is a section titled "NEWS: SC TEACHING AT 2017 SCORAI CONFERENCE IN BRICHTON" with the text: "A special session dedicated to SC Teaching was a great success! Several innovative approaches to teaching were presented, with participants sharing ideas and insights into how they teach, what inspires them, and what a SC"

In the center of the page, there is an image of a person sitting on a globe, symbolizing global reach or sustainability.

Innovative Designer Tool: TinkerCad



TINKERCAD

Basic Operations

- Favorites
- Import
- Shape Generators
- Helpers
- Tinkerplay
- Geometric
- Holes
- Letters
- Number
- Symbols
- Extras

Add Shapes

Moving Shapes

Rotate Shape with Arrow

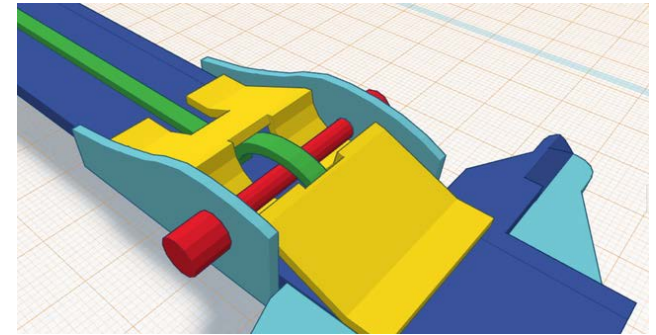
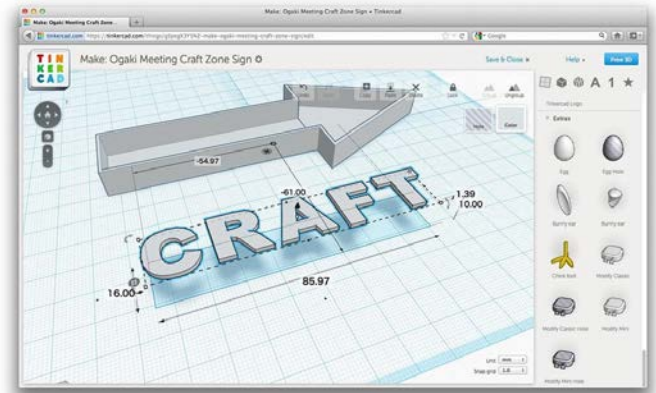
Stretch Up/Down with Arrow

Resize shape with Dot

Making Holes

Overlap Solid Shape with a Hole and Group

Inspector: Color, Hole, Lock transformation, Group



Innovative Designer

Tool: [Mindmup](#)

(or Google
Drawings)



Innovative Designer Tool: Basecamp



4,737 companies signed up in the last week alone!

[How it works](#) [Before & after](#) [Got clients?](#) [Pricing](#) [Support](#) [Sign](#)

Create Basecamp projects for everything you're working on.

Involve everyone who's working on the project.

The screenshot shows a Basecamp project interface for 'Acme Co 2020 Marketing'. At the top, there's a header with the project name and a button to 'Add/remove people'. Below this, the interface is divided into several sections: 'Message Board' with a list of messages, 'To-dos' with a list of tasks, 'Group Chat' with a chat history, 'Schedule' with a calendar view, 'Automatic Check-ins' with a notification, and 'Docs & Files' with a list of files. Handwritten annotations include an arrow pointing to the 'Add/remove people' button and a note about involving everyone on the project.

Acme Co
2020 Marketing

Add/remove people

Message Board

- Retouched team photos
FYI — Hey Victor, here's
- Logo concept
Question — Hey Victor,
- Ad comps
Hey all, take a look at these and
- Campaign ideas
Here's a few thoughts I had
- Raw shots from the shoot
Here's a few shots from the

To-dos

Requests

- Company logo

Business cards

- finalize overall design
- create press-ready files
- send to printer
- photograph cards for portfolio

Group Chat

- hey victor, is 1:00 still to...
- Victor 3:47pm
Sure is!
- Victor 3:48pm
Mind if we grab sushi inste...
- Victor 3:48pm
I've got a fever and the only...
- ...
- Adam 3:51pm
Hal Sounds great.

Schedule

Mon. Jul 29

Automatic Check-ins

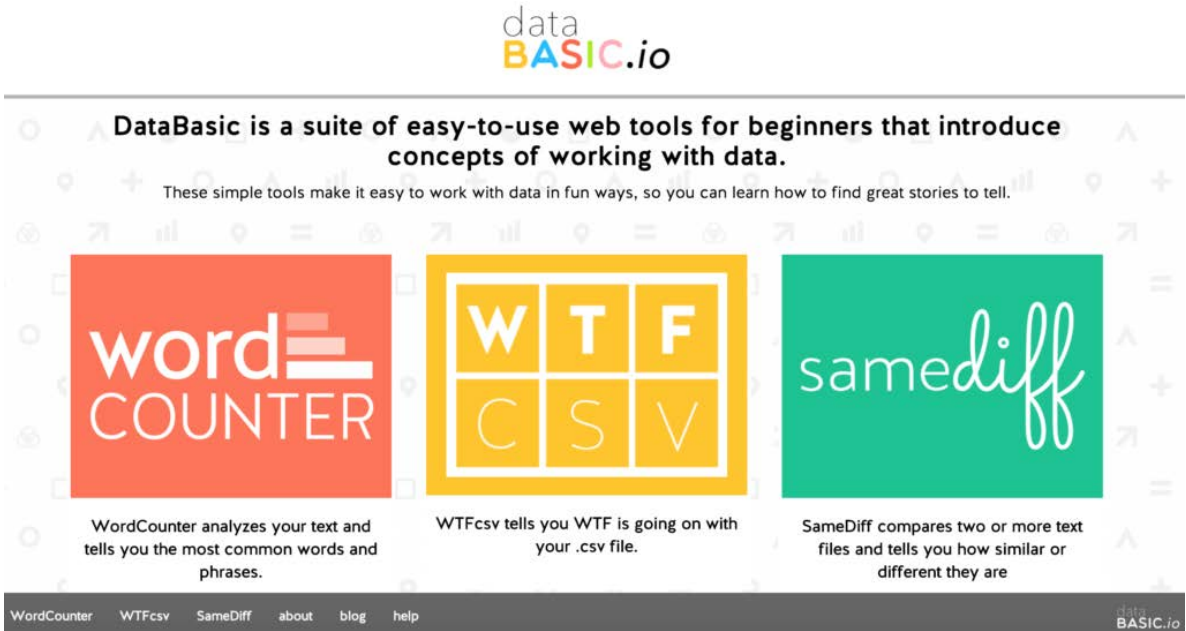
Asking 2 people every Monday at 9am.
What's the latest on the PR campaign?

Docs & Files

- logo redesign
- photo shoot folder

Computational Thinker


Tool: [Data Basic.io](https://databasic.io)




data
BASIC.io

DataBasic is a suite of easy-to-use web tools for beginners that introduce concepts of working with data.


These simple tools make it easy to work with data in fun ways, so you can learn how to find great stories to tell.



WordCounter analyzes your text and tells you the most common words and phrases.



WTFcsv tells you WTF is going on with your .csv file.



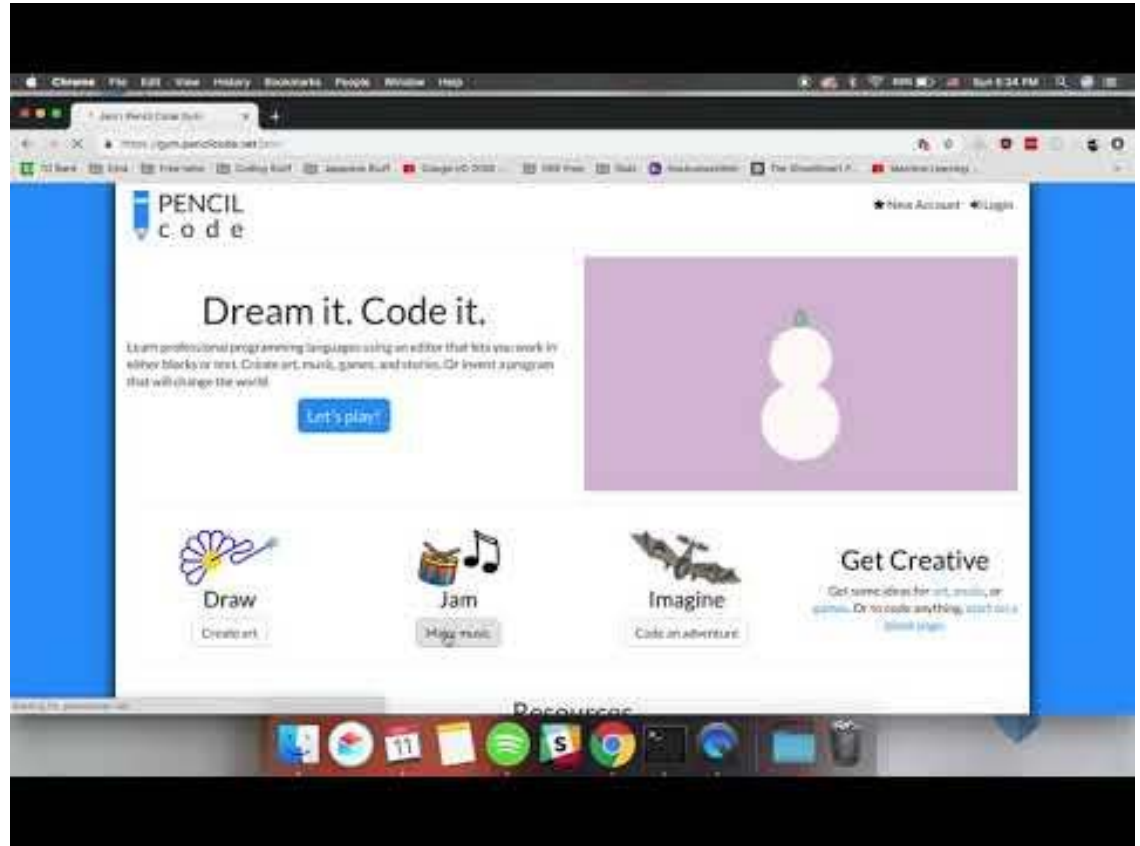
SameDiff compares two or more text files and tells you how similar or different they are

WordCounter WTFcsv SameDiff about blog help

data
BASIC.io

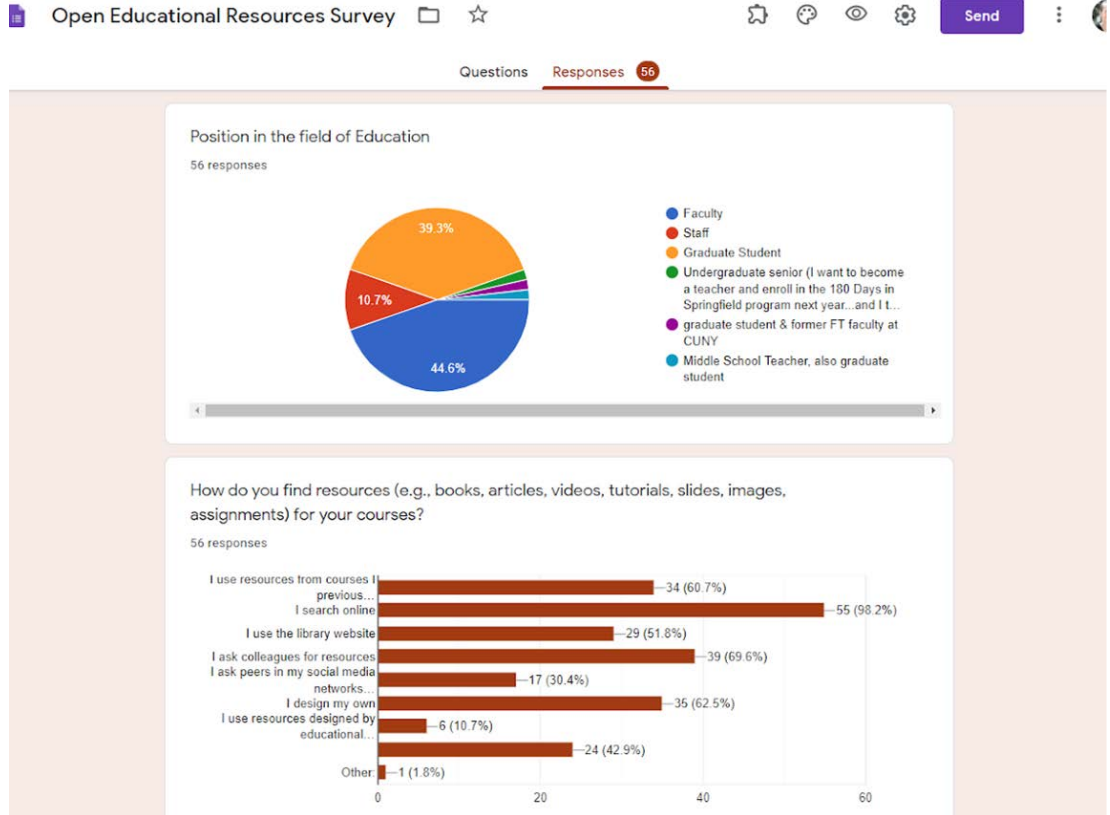
Computational Thinker

Tool: Pencil Code (or Scratch)



Computational Thinker

Tool: Google Forms



**Creative
Communicator**
Tool: [KnightLab](#)
[Storytelling](#)
[Projects](#)

Timeline JS Intro Tutorial

A quick tutorial on creating a media rich timeline using
Timeline JS by Knight Lab.



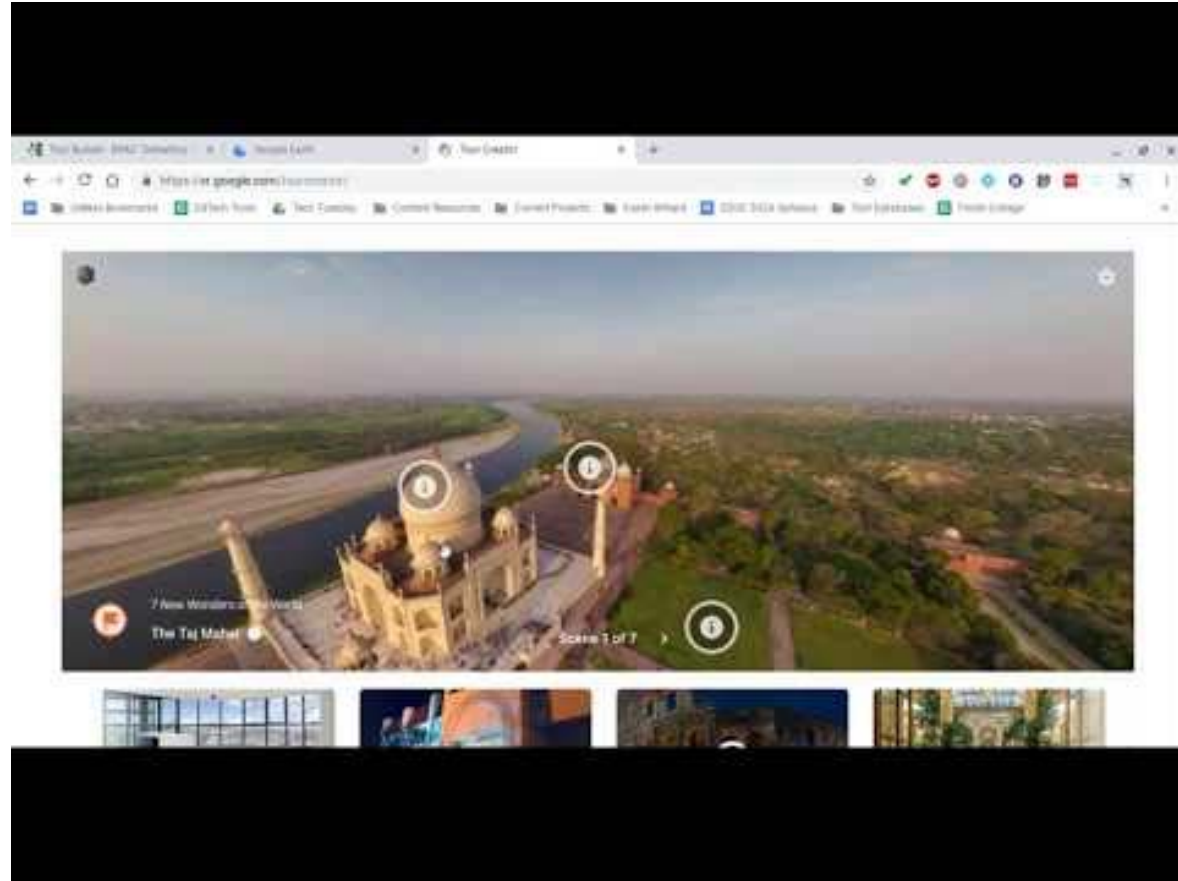
Creative Communicator

Tool: [Adobe
Spark](#)



Creative Communicator

Tool: [Google Tour Creator](#)



Global Collaborator Tool: Slack

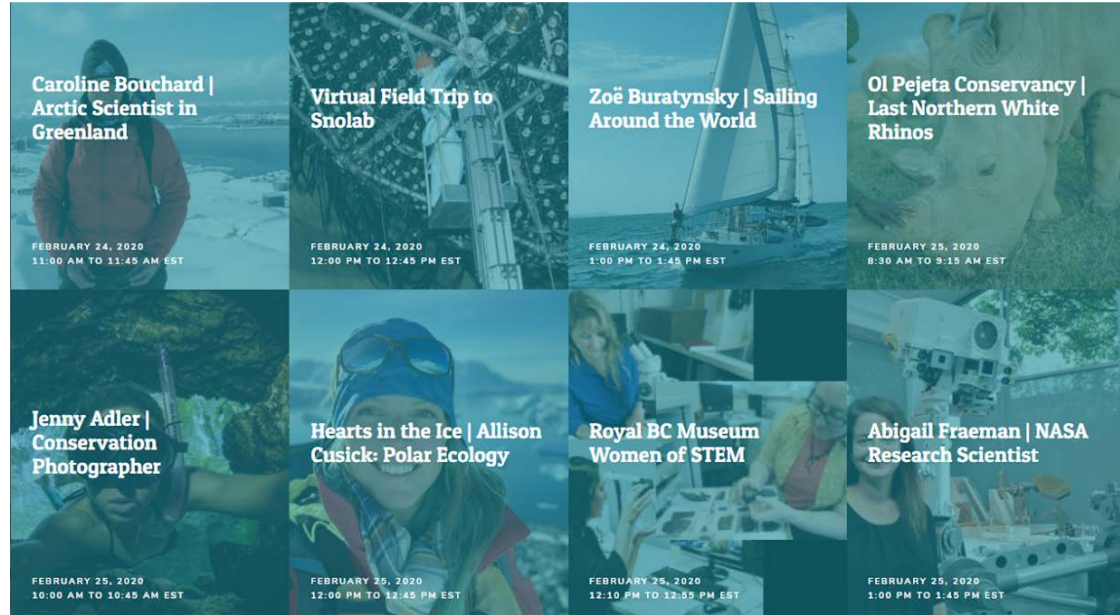
The screenshot shows the Slack interface on a mobile device. The top bar is purple and says 'Torrey Trust'. Below it is a search bar 'Jump to...'. The main navigation menu on the left includes 'Threads' (1), 'Apps', 'Channels', and 'Direct Messages'. Under 'Channels', several channels are listed: '#general', '#random', '#week-1-tools', '#week-2-plns', '#week-3-accessibility-acc...', '#week-4-privacy-cost-data' (highlighted in blue), '#week-5-pedagogical-ap...', and '#week-6-site-review'. Under 'Direct Messages', there is 'Slackbot' (1) and 'Torrey Trust (you)'. A large grey rectangular area is visible in the main chat area.

The screenshot shows a Slack thread in the channel '#week-4-privacy-cost-data'. The thread title is 'Verbatim from Spotify's Policy'. The main content is a screenshot of Spotify's privacy policy, which is divided into sections: 'Service providers', 'Data they collect', and 'Most valuable part of their policy to me'. Below the screenshot, there are two replies. The first reply is from Benjamin Schroeder, dated 4:45 PM, discussing signing up for free services and concerns about privacy. The second reply is from Jared Shein, dated 11:45 AM, sharing a video link about the 'Terrifying Cost of "Free" Websites' by Adam Ruins Everything. The video thumbnail shows Adam Ruins Everything and a woman in a green setting.

The screenshot shows a YouTube video player. The video title is 'The Terrifying Cost of "Free" Websites | Adam Ruins Everything'. The video thumbnail shows Adam Ruins Everything and a woman in a green setting. Below the video player, there are three replies. The first reply is from Matthew, dated 5 days ago, saying 'Love Adam Ruins Everything, thanks for sharing!'. The second reply is from Jeff Ed, dated 5 days ago, saying 'Wow! This is a great choice for this week's topic. Much like some of the other videos being brought up, it brings up the issues of free and tracked versus paid and untracked (if there is even such a thing). Bringing this a step further, even if we could choose between these two options, would the outcome be better? Those who couldn't afford to pay would (as someone else put this week) lose out on some essential social and vocational opportunities. What are your thoughts? Once again, great video choice! At 6 minutes, this could make for a great introduction for a course - for students old enough for college humor, of course'. The third reply is from Torrey Trust, dated 3 days ago, saying '@Jared Shein Great find! I'm going to add this to the privacy/data/cost chapter and show it in future classes. Thank you!'. The video player has a play button and a volume icon.

Global Collaborator

Tool: [Exploring By the Seat of Your Pants](#)
(Google Hangouts)



Global Collaborator Tool: Flipgrid

9 NEW WAYS TO USE FLIPGRID

1. Sharing book reviews: With Flipgrid's new augmented reality (AR) feature, classrooms and classroom libraries can use the video QR code to create an engaging way for students to share book reviews. After a student records their review, the teacher can print the QR code and tape it on the book, and the student's classmates can use their devices to scan the code and watch the review as a way to help them decide if they'd like to read the book.

2. Practicing world language skills: Flipgrid makes it possible for teachers in different districts and different countries to collaborate. For world language teachers, this creates opportunities for students to practice their speaking skills with a larger group than just their class. Students can post videos to get practice with the vocabulary they're learning, and instead of being limited to practicing with the people in their physical classroom, they can engage and build their skills with other students around the world studying the same language or have conversations with native speakers of the language.

3. Increasing accessibility for all students: Flipgrid has expanded many of its accessibility features to ensure that all students can participate. Students can use closed captioning when viewing videos, which also generates a full transcript for each video. Microsoft's Immersive Reader can be used within both the closed captioning and any text within a topic to read the texts aloud and break up words into syllables for easier decoding.

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4. Inviting outside speakers: Using Guest Mode, teachers can invite guest speakers to participate in classroom discussions. Guests can watch student videos and post their own videos. This option provides a way for experts in a field to share their knowledge asynchronously, with students posting videos of their questions for the expert to answer at a convenient time in a video response. STEM teachers, for example, could invite engineers or scientists to discuss their careers and research and to answer student questions.

More tools!

- [Online Tools for Teaching & Learning Database](#)
- [Digital Tools for Reading & Writing](#)



Online Tools
for teaching and learning

Questions?



THANK YOU!



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