



# Our Digital Backpack

Fall 2019

ANIMOTO



# Animoto

**Description:** This allows anyone to create mini slideshow movies.

**Implications for Educational Use:** Students can create alternate story endings through the use of technology. It can also be used to create real world problems for students. This is a great way to create another exposure to information and for students to represent their knowledge.



# National Geographic Kids

**Description:** This is a kid friendly website that allows students to look up information about animals, play games involving geographical topics, and explore other countries.

**Implications for Educational Use:** This can be used as a resource for research projects done in the classroom. There are informational videos catered to children. Students can play the games during their free time to teach them about science and more.

Q

KEEP  
CALM

AND

LOVE

QUIZLET

## Quizlet

**Description:** Quizlet allows teachers or students to create a study set. It has flash cards, generates quizzes, and has a couple games that can all be used to help students study.

**Implications for Educational Use:**  
Teachers can use it for review sessions. Students can use it to help them study for tests. Quizlet live is a fun way to quiz students in groups.



# Youtube

**Description:** Youtube has a large variety of different videos that can be used in the classroom. Students can even create their own videos and post them for their classmates to watch.

**Implications for Educational Use:** Teachers can film their lectures and post them for students to rewatch. Teachers can show students interesting videos on topics they are teaching. Students can use this to help them learn more about topics.



**Prezi**

# Prezi

**Description:** Prezi can be used to make presentations either as a student or a teacher. There are templates that can be followed of you can start with scratch.

**Implications for Educational Use:**  
Teachers can use this to provide new information to students. Students can use this for book presentations and more.



# GoNoodle

**Description:** GoNoodle provides videos for children to become active in or out of the classroom.

**Implications for Educational Use:** Teachers can use this for improving physical health, mental health, and behavior during instructional or stress relieving sections of the day.



storybird

# Storybird

**Description:** Storybird allows students to create different forms of digital writing while being creative. This resource offers many different language art “Read and Respond” options that align with standards.

**Implications for Educational Use:** An educator can create an account on Storybird along with creating a class so all students can log on. This allows teachers to view every student’s digital creations while also allowing them to progress monitor.



# IXL

## Comprehensive K-12 curriculum

Math • Language arts • Science  
Social studies • Spanish



# IXL

**Description:** IXL provides learning, diagnostics, and analytics through individualized K-12 math, language arts, science, social studies, and spanish content.

**Implications for Educational Use:** Teacher can create whole class groups on IXL to monitor the progress of students. They can also assign/set different grade level standards to each topic for a select student. This can help teachers differentiate when checking for understanding.



# Google Earth

**Description:** Google Earth shows a 3D representation of earth through a computer program. The program allows users to travel to any place in the world from many different angles.

**Implications for Educational Use:** Teachers can use Google Earth during Social Studies, History, Language Arts, or other lessons throughout the day. Google Earth allows the students to travel to a certain destination without having to actually go there which will allow the teacher to elaborate on culture, architecture, landmarks, etc.



FREE RICE



Where would you find the Giza Necropolis?

Jerusalem

Turkey

Libya

Egypt

# Free Rice 2.0

**Description:** Free Rice 2.0 allows students to answer review questions in different categories of educational subjects. For every answer correct, the organization donates the cash equivalent of ten grains of rice to the World Food Programme.

**Implications for Educational Use:** Teachers can use Free Rice 2.0 to go over vocabulary terms or simply review for a specific assessment as long as the topic/standard matches one of the categories. This can also be used as a filler.

# Google Drive

**Description-** A file sharing and synchronization service that allows users to store files, synchronize across devices and share files.

**Implications for Educational Use:** Student collaboration inside and outside of class, assignments can be shared with teacher and teacher can leave comments, can create shareable folders for full class collaboration.



# VR Tour

**Description:** create informative 360 degree virtual tours of hundreds of thousands of locations across the world.



**Implications for Educational Use:** virtual field trips can be personalized with specific information provided within the tour, students can research places and create their own tours, can make history seem more real



edmodo

# Edmodo

**Description:** Educational platform that has the options share content, distribute assignments and manage communication with parents and students.

**Implications for Educational Use:**  
Connection to parents, progress monitoring, creation of polls to evaluate students understanding

# TED Ed

**Description:** Award-winning short videos, create customizable lessons, create student videos and share.

**Implications for Educational Use:** connect students to current events, view what other students are creating around the world, presentational literacy, feels authentic.



# ThingLink



**Description:** Create unique experiences with interactive images, videos, and 360 media

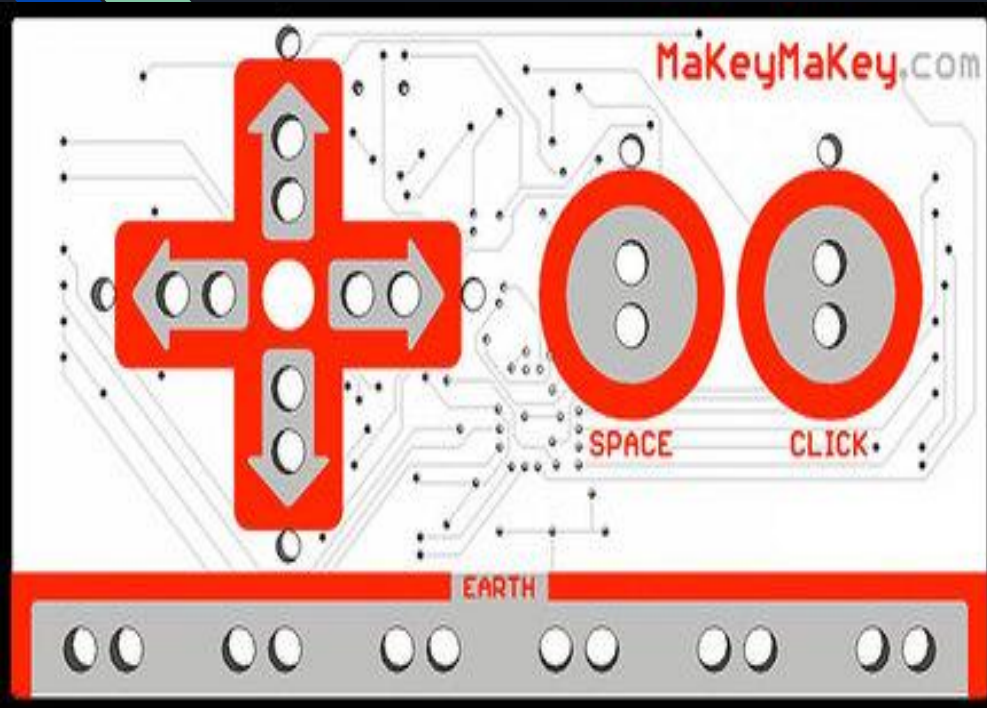
**Implications for Educational Use:** more interesting way to present information, unique way for students to represent understanding and learning, show information in the context of its environment.



# Makey Makey

**Description:** This tool allows the user to take just about every object and connect it to the internet! The objects are connected to the Makey Makey kit with alligator clips that allow these objects to act as the keys on your computer.

**Implications for Educational Use:** Used to help students become inventors of games, educational apps, and programs. Can also be used to help students learn coding and work with technology in fun, new ways!



# Class Dojo



**Description:** This is an online tool for teachers to record student grades and student progress. Parents, students, and teachers can access it on any device that has internet connection. This site also includes many educational resources that teachers and students can use in their classroom and parents can use at home with their children, such as presentation and portfolio tools.

**Implications for Educational Use:** Used to create a positive classroom environment where students, as well as parents, are supported and encouraged

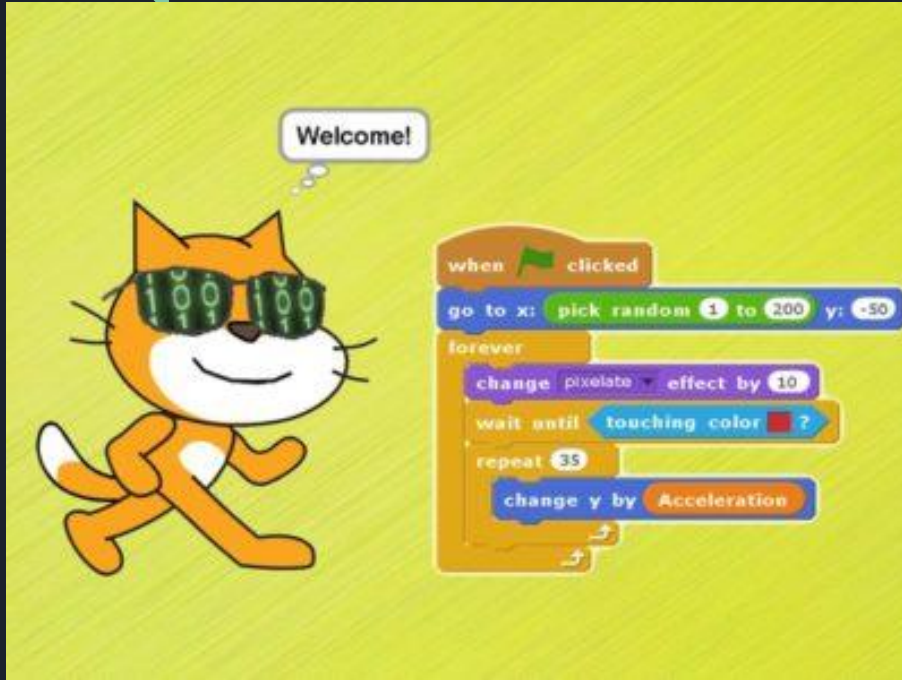
# Virtual Field Trips-Google Expeditions



**Description:** Allows students, teachers, and parents to go virtually anywhere around the world and explore different aspects of these places, all from a computer, laptop, phone, etc.

**Implications for Educational Use:** Allows students to explore different parts of the world they may have never been before and learn about the cultures, fun facts, and other interesting information about these places.

# Scratch



Description: Scratch is an online program that allows the user to create stories, games, and animations and share them with others on the internet. This is a free program that allows anyone to code and create their own story, animation, or game!

Implications for Educational Use: Helps students think creatively, work with technology in new ways, and work together. Can also be used by teachers to create program assignments for students to complete and ask questions with other users. Scratch programs are great programs to use with Makey Makey!

# Explain Everything

**Description:** Explain Everything is an online interactive whiteboard where people can teach, present, sketch, and work together to learn and collaborate. This can be used at work or at school for anyone who wants to share ideas interactively.

**Implications for Educational Use:** Used to allow students to share their ideas, thoughts, and projects in fun and interactive ways. Also can be used to provide feedback, create explanations, and inspire learning for students.



**Explain  
Everything**

Interactive Whiteboard



# BrainPop

Brainpop is a platform for exploring different subjects. Within these subjects there are specific topics to learn!

Features:

1. Video Lessons
2. Quizzes
3. Games

**HyperLink:**

<https://www.brainpop.com>

# National Library of Virtual Manipulatives

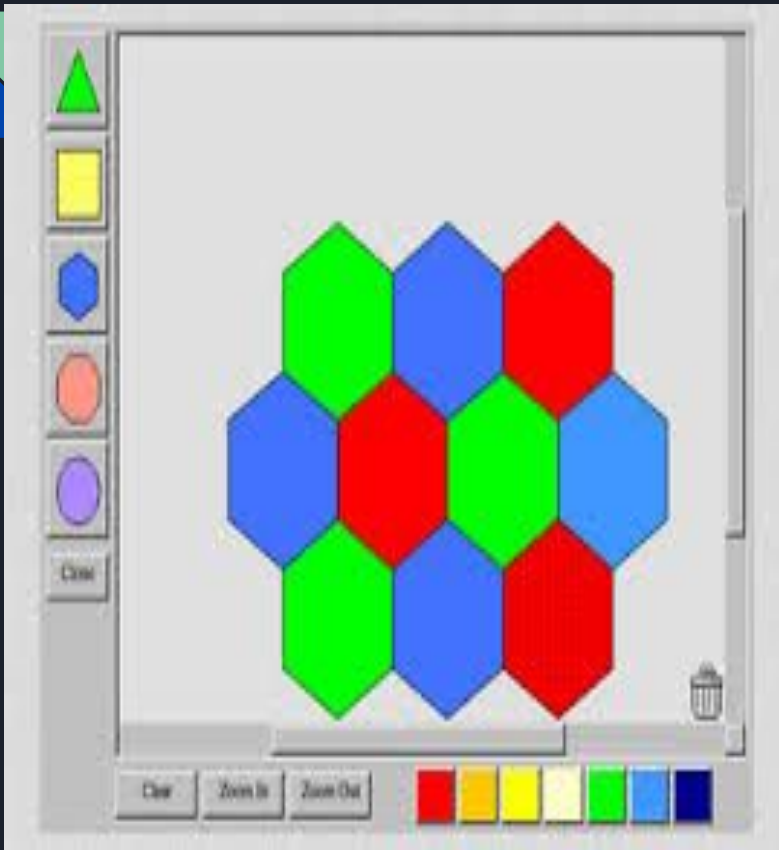
NLVM has a cache of math activities and visuals for all grade levels

Subjects:

1. Measurement
2. Geometry
3. Algebra
4. Number and Operations

HyperLink;

<http://nlvm.usu.edu/en/nav/vlibrary.html>



FREE  
**Rice**

For each word you get right, we donate 20 grains of rice through the UN World Food Program to help end hunger

HOME / FAQ / TOTALS / OPTIONS / PRESS / ABOUT

**CORRECT!**  
contumacious = obstinate

**bewray** means:

- compress
- assassinate
- reveal
- pour out

VOCAB LEVEL: 10  
VIVA RICE! LEVEL: 15



1000  
2000  
3000  
4000  
5000  
6000  
7000  
8000  
9000  
10000

You have now donated  
66660 grains of rice

# Scholastic Whiteboard Activities

SWA is a resource that has lessons, as well as websites for the integration of technology. It has stuff for all grade levels K-12

## URL:

<https://www.scholastic.com/teachers/blog-posts/megan-powe/interactive-whiteboard-101-a-resource-of-activities-for-literacy-instruction/>





# Time For Kids

TFK is a publisher for age appropriate issues to discuss with your class. IT has current as well as historical stories to allow for greater reflection in the journalistic process behind the news that we hear everyday.

**URL:**

<https://www.timeforkids.com/>



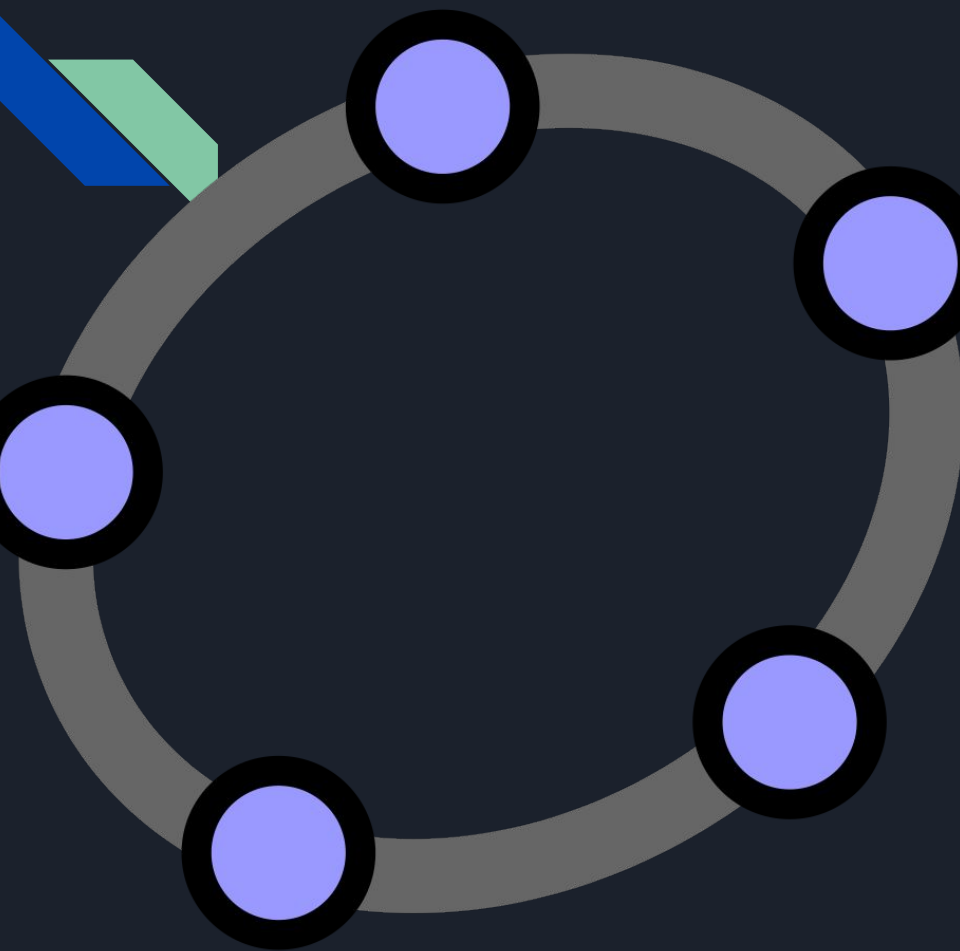
# Skype

Skype provides students the opportunities to conduct interviews with not only their peers but individuals they would not normally have access too. There are numerous initiatives around the world trying to connect students to their global peers.

<http://aroundtheworldwith80schools.net/>  
<http://blogs.skype.com/play/2011/10/peace-on-e-day-use-skype-to-mobilize-youth.html>

**URL:**

<https://www.skype.com/en/>



# GeoGebra

GeoGebra is dynamic mathematics software for all levels of education that brings together geometry, algebra, spreadsheets, graphing, statistics, and calculus in one easy-to-use package. Is a leading provider of dynamic mathematics software supporting STEM education and innovations of teaching and learning worldwide.

**Implications for Educational Use:** Allows students and teachers to to dynamically look at mathematical concepts.

# Screencast

Screencast.com is a TechSmith solution for business and academic professionals looking to manage and share videos, images, documents, or anything else online. Screencast.com's high quality content-hosting gives individuals complete control over how, when, and with whom your content is distributed.

**Implications for Educational Use:**  
Teachers and students can use Screencast to share information with one another as well as educational photos, documents, and videos.





# **PBWORKS**

**FOR EDUCATION**

## PBworks

PBworks provides a set of collaboration products that aid business and help them run more efficiently and be more effective. Many of the products serve markets such as advertising, marketing, business, law and education.

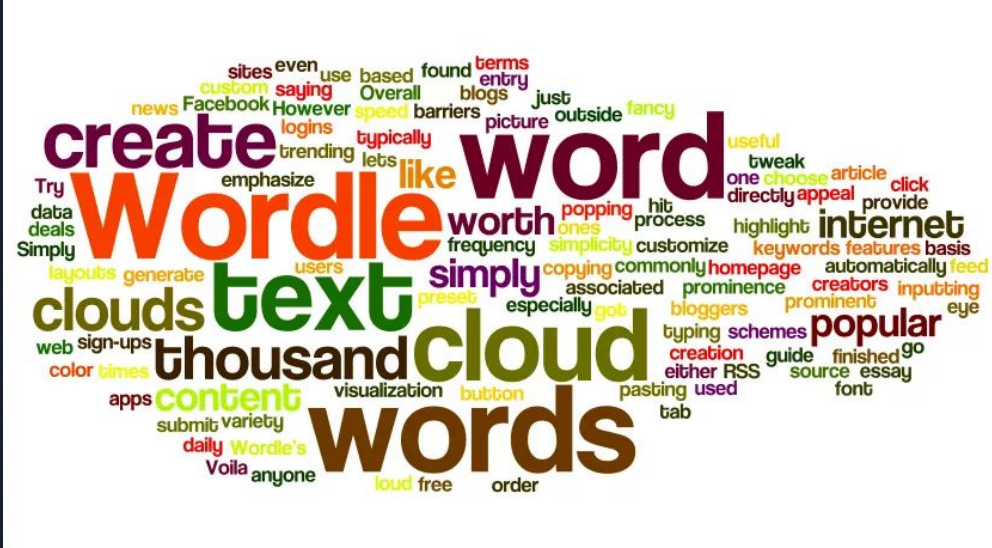
**Implications for Educational Use:**  
Teachers and students can use PBworks for both project and knowledge management.

# Wordle

Wordle is a tool used to generate word clouds from text that you provide. This gives a greater prominence to words that appear much more frequently in a specific text.

**Implications for Educational Use:**

Students or teachers can use this tool to create groups of words that they can use when typing a report or paper and it will help them to find words that better fit what they are trying to say.





**FOURSQUARE**

# Foursquare

Foursquare is a location technology platform dedicated to improving how people move through the real world.

**Implications for Educational Use:**

Foursquare can be used by students and teachers in order to discover the world and more about different places and people.

# NASA Kids' Club



**Description:** This website not only has a section for students, but also a section specifically for educators. “Find resources to support your STEM curriculum, professional development opportunities to expand your knowledge base, contests to engage your students and more!”

**Implications for Educational Use:** find resources for STEM, find opportunities for students, and make science, specifically outerspace, interactive



# Starfall



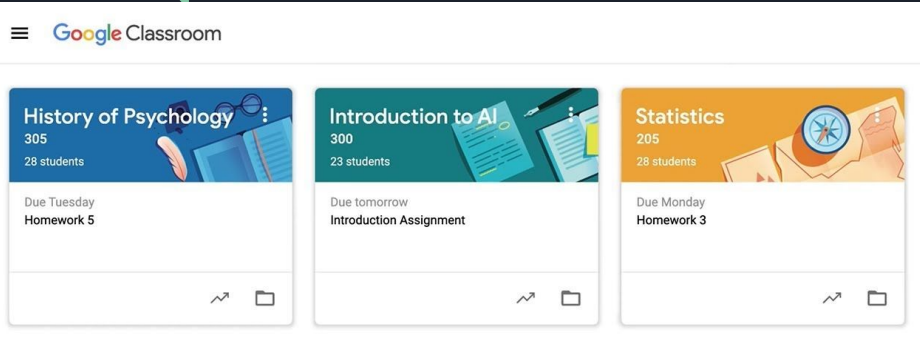
**Description:** This site allows students to experience, at a low cost, learning to prepare them for Kindergarten. “Children have fun while learning in an environment of collaboration, wonderment, and play.”

**Implications for Educational Use:** can be used to teach children math, ELA, and about seasons

# Google Classroom

**Description:** This site is a learning management system that allows teachers to create and manage classes and assignments digitally.

**Implications for Educational Use:** can be used to post assignments and also for students to interact digitally



The screenshot shows the Google Classroom interface. At the top left, there is a hamburger menu icon and the text "Google Classroom". Below this, there are three class cards:

- History of Psychology 305**: 28 students. Due Tuesday, Homework 5.
- Introduction to AI 300**: 23 students. Due tomorrow, Introduction Assignment.
- Statistics 205**: 28 students. Due Monday, Homework 3.

Each card has a small icon of a line graph and a folder icon at the bottom right. At the bottom of the screenshot, there is a blue banner with the "Classroom 101" logo (a green square with a white person icon) and the text "Classroom 101 Google for Education".

# Curious World



**Description:** This is “the #1 app for parents who want to fuel their child’s curiosity, boost academic skills, and build a lifelong love of learning.”

**Implications for Educational Use:**  
hands-on activities

# ABCmouse

Description: “an early learning program” designed to help children emerge into lifelong learners

Implications for Educational Use: can be implemented into the classroom in a variety of online learning methods



**ABCmouse.com**  
Early Learning Academy

# 37. Oregon Trail



**Description:** Originally taught about the 19th century and the realities of pioneer life on the Oregon Trail. The player will assume the role of a wagon leader and will determine the fate of their families.

**Implications for Educational Use:** Students can get a better understanding of what limited resources people had in the past. They will learn about pioneer lives and anything that could go wrong with their travels.



Smithsonian

## 38. Smithsonian National Museum of National History Virtual Tour

**Description:** An online fieldstrip gives students the chance to tour all the exhibits. Other features include permanent exhibits, past exhibits, and other museums tours.

**Implications for Educational Use:** Virtual tours allows the exploration of places that children of all ages can view and benefits from.



LIBRARY OF  
CONGRESS

## 39. Library of Congress - Jump Back in Time

**Description:** This website takes students into the different time periods during American history. There are other categories that include learning famous Americans, exploring the states, and fun sections that include sports and music.

**Implications for Educational Use:** Students learn history of the many events that happened from all over American history. There are engaging activities that keep students focused on the history while having fun.



## 40. Interactive Constitution

**Description:** Breaks down the Constitution into sections that make up the document. It goes through each article and amendment individually when they were passed, ratified, its definition, and the option to read other interpretations from other scholars.

**Implications for Educational Use:** Ideal for students working to understand the concepts of what is involved in one of America's most famous and documents. Gives students a chance to understand the information.





## 41. History Magazine

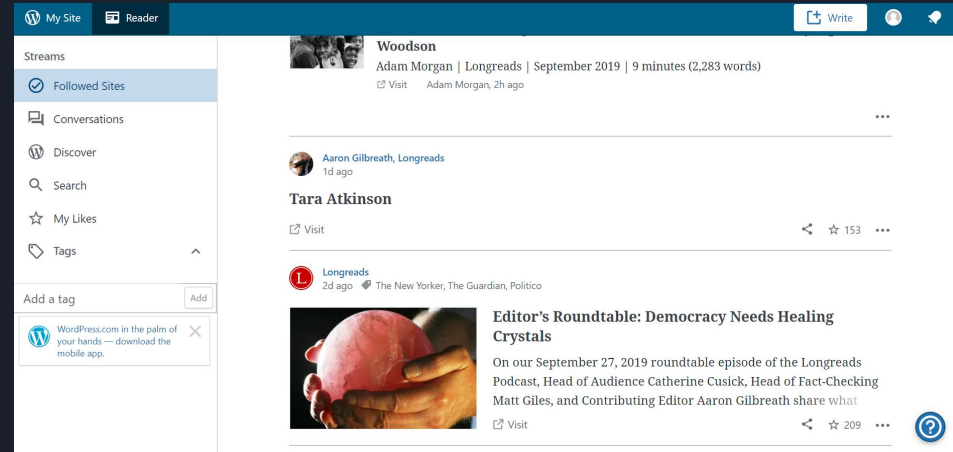
**Description:** The National Geographic website gives students a chance to explore historical area in which the series focuses on subjects of history that are not always the main topics that are discussed in class.

**Implications for Educational Use:** There are issues published for every year and month that gives students and educators material to look over in specific historical topics.

# Wordpress

Wordpress is a blogging site where people can view different blogs and essays. They can also create their own and publish them on this website. People can comment on blogs and discover some based on their area of interest

Students can use this website to read specific articles if it is part of the curriculum. They can also post their own material to the site so that their writing can be applied to a real-world setting.



# Twitter

Twitter is a social media site where people can post either pictures or a text of words. If people see a post (or tweet) they can either give a “favorite” or a “retweet” which can make that tweet popular and increase the number of followers.



Since social media is becoming increasingly popular, students can learn how to use it appropriately and professionally to promote themselves. If they are in a literature course, students can view an author’s twitter page and gain an understanding of an author’s personality.

# Songmeanings

Songmeanings is a site that posts lyrics of many different songs that allows people to comment on. This creates discussion and disagreement on the meanings of some songs.

Students can use this website to learn about literary themes. They can incorporate elements they learned from poetry and identify them in songs. Since music is so popular, students will hopefully enjoy learning more about literature through music and their favorite songs.

The screenshot shows the SongMeanings website interface. At the top, there is a search bar with the text "Search for lyrics and artists here" and a "Search" button. To the right of the search bar are links for "Create Account" and "LOG IN". Below the search bar, there are navigation links for "Lyrics", "Artists add", "Journals", "Mixtapes", and "Forums".

The main content area is divided into several sections:

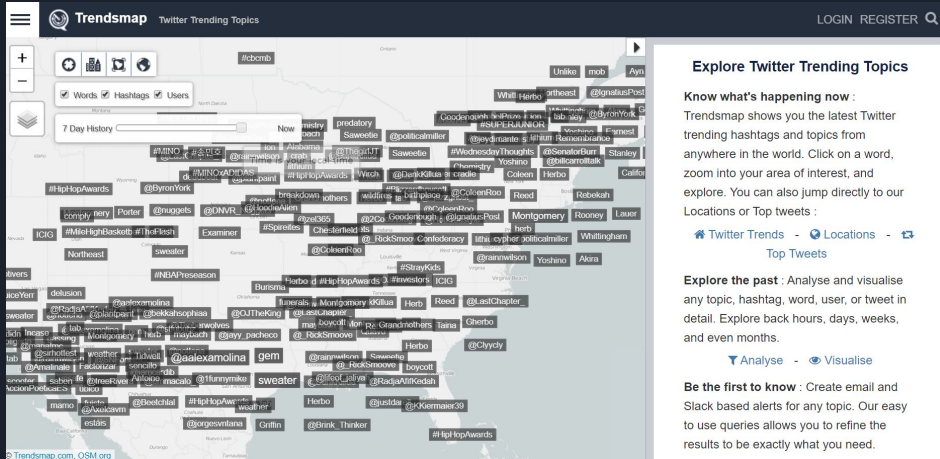
- Popular Artist Updates:** A blue button labeled "Popular Artist Updates".
- Follow Your Favorite Artists:** A section with the heading "Follow Your Favorite Artists" and the subtext "Easily follow and track your favorite artists on SongMeanings! Be the first to know about new lyrics, song meanings & more!". Below this is an orange "Create Account" button.
- Rilo Kiley - The Execution of All Things:** A post by Rilo Kiley with the text "A comment was added to The Execution of All Things by Sousapalooza724." and a comment: "Has any one ever thought this song was about the pilgrims and indians? 'Oh god come quickly, the execution of all things Let's start with the bears and the air and mountains, rivers, and streams Then we'll...". The comment is dated "2 minutes ago" and attributed to "@rlokiley".
- Today's Top Lyrics:** A table listing songs and their comment counts.

Song	Comments
Whistle by Flo Rida	24
I Started a Joke by Bee Gees	75
Sunflower by Post Malone	30
Old Town Road (Remix) by Lil Nas X	2
Halo by Beyoncé	120
Without Me by Halsey	5
Stay	107

# Trends Map

Trends Map is a fun interactive website that allows students to view current trends that are happening around the world. It offers both educational and cultural trends that are happening.

Students can utilize this source to keep up-to-date with current social issues. Students can look to their area of interest and perhaps write a critical analysis of the issue or create a presentation about the issue.



The screenshot shows the Trendsmap website interface. At the top, it says "Trendsmap Twitter Trending Topics" with "LOGIN REGISTER" links. Below the header is a navigation bar with icons for home, search, and filters. The main content area features a world map with numerous trending topics represented by text boxes of varying sizes and colors, indicating their popularity in specific regions. The topics include hashtags like #triborb, #what, #herbo, and #triborb, as well as user handles like @triborb and @triborb. A sidebar on the right provides instructions on how to use the site, including sections for "Explore Twitter Trending Topics", "Know what's happening now", "Explore the past", and "Be the first to know".

**Explore Twitter Trending Topics**

Know what's happening now : Trendsmap shows you the latest Twitter trending hashtags and topics from anywhere in the world. Click on a word, zoom into your area of interest, and explore. You can also jump directly to our Locations or Top tweets :

[Twitter Trends](#) - [Locations](#) - [Top Tweets](#)

**Explore the past** : Analyse and visualise any topic, hashtag, word, user, or tweet in detail. Explore back hours, days, weeks, and even months.

[Analyse](#) - [Visualise](#)

**Be the first to know** : Create email and Slack based alerts for any topic. Our easy to use queries allows you to refine the results to be exactly what you need.



penzu

# Penzu

Penzu is an interactive online journal. It offers different forms or journals that people can create. People can use this to keep any form of personal diaries and have easy access to them.

In my classroom, I would require students to use this to write their personal reflections on certain aspects of the content. Students would have the freedom to write about whatever they want. It would enhance their writing skills.



# Padlet

## Description

Padlet is an online interactive cork board that allows students to create cork boards and share them with their classmates.

## Implications for Educational Use:

Students can work in groups or on their own with a topic and create a cork board with facts and share with the class.

The Kahoot! logo is displayed in a large, white, sans-serif font. The background is divided into four quadrants: top-left is red, top-right is blue, bottom-left is yellow, and bottom-right is green. The word 'Kahoot!' is centered across these quadrants.

# Kahoot!

# Kahoot

## Description

Kahoot is a game based learning platform. That allows students to play games while focusing on the topic.

## Implications for Educational Use:

Great for anticipatory sets, or as a study guide for a test. Gives the students a fun way to work with the subject matter.





# Netflix

## Description

Netflix is a streaming service with all types of movies and shows with access to all genres.

## Implications for Educational Use:

Students have access to media that goes with topics and class and can use it a another resource for information.



# Vimeo

## Description

Vimeo is a video sharing site just like youtube that supports high definition.

## Implications for Educational Use:

Students and teachers can use this service to engage students. As another media service to find more information to support their claims.



# Poll Anywhere

## Description

Poll anywhere is an online poll that allows you to ask a question and get answers and options within minutes.

## Implications for Educational Use:

Teachers can ask question on poll anywhere to start a lesson and see where the students are at and see what they do and do not know about the topic.



# Science Friday

Science Friday partners with educators to create free podcasts, activities, lessons, and resources

## Implications for Educational Use:

- Can be used to keep students up to date about current events
- Allows students to listen to podcasts
- Already made up lesson activities for teachers

# Google calendar

Google Calendar is a time management and scheduling calendar made by google. Allows users to create events and share them to students through their google account.

## Implications for Educational Use:

- Teachers can use google calendar to keep students organized with homework and testing days.
- Allows teachers to keep track of lessons, exams, projects, and assignments.



# Cram



Cram is a website that allows students to create flashcards. They are able to study, print them out, and share them with other students.

## Implications for Educational Use:

- Teachers can assign cram flashcards so the students don't have to use paper flashcards.

Hyperlink: [www.cram.com](http://www.cram.com)

# Science News



## ScienceNews

MAGAZINE OF THE SOCIETY FOR SCIENCE & THE PUBLIC



Science News is a science based site that is a great source for accurate information on the latest news in science.

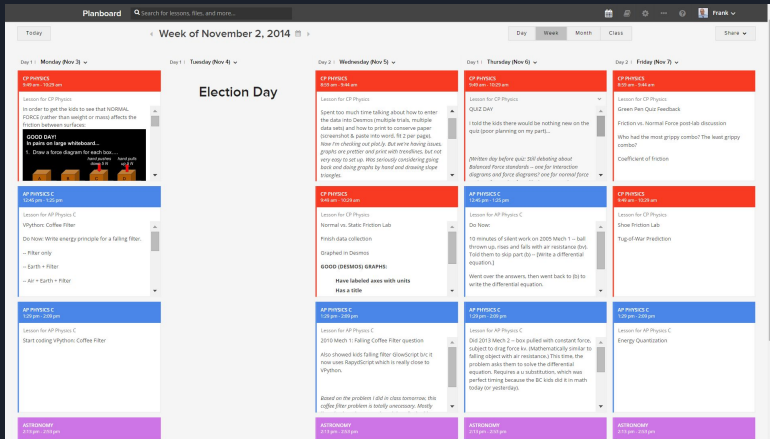
### Implications for Educational Use:

- Science News has a student tab that has science news that is interesting for students. Allowing students to read articles on a huge variety of topics.



# Planboard

Planboard is a great tool to get teachers organized and reduce the prep time for their lessons. Easy to add files and websites all in one spot. Accessible anywhere with the Planboard app on IOS and Android.



- Allowing teachers to plan lessons, align curriculum, and manage schedules.

Hyperlink: <https://www.chalk.com/planboard/>



# Wolfram Alpha



**Description:** Wolfram Alpha is used to compute answers and provide knowledge. Computations can be used to find answers to different questions, complete analyses, and generate reports.

**Implications for Educational Use:** Wolfram Alpha is a great tool to extend knowledge in mathematics, science and technology, society and culture, and everyday life.

<https://www.wolframalpha.com/>

# Blogger



**Description:** Blogger allows teachers and students to collaborate, share resources, create content, and connect with different social media platforms such as Youtube, twitter, and other blogs. All of these can be viewed on a central page.

**Implications for Educational Use:** Blogger is a great tool for collaboration amongst teachers and students in the classroom. It allows students to practice writing creatively and is can be used a great discussion tool.

# Voicethread



**Description:** Voicethread allows teachers and students to create, share, and make comments on images, powerpoints, and videos. Teachers and students can use text, voice, audiofiles, or webcam to upload content and make comments.

**Implications for Educational Use:** Voicethread is a great tool for enhancing student engagement by allowing students and teachers to make comments on different uploads.

# Mindmeister



**Description:** Mindmeister can be used to conceptualize and organize ideas quickly. It is an online mind mapping app that is used to visualize, share, and present thoughts.

**Implications for Educational Use:** Mindmeister allows users to collaboratively brainstorm and work on mind maps. It is a great tool to conceptualize information.

# Google Slides



Google Slides

**Description:** Google Slides is a presentation software that comes with Google Drive. With Google Slides you can insert text boxes, images, videos, shapes, and equations. These presentations can be shared with students and co-workers.

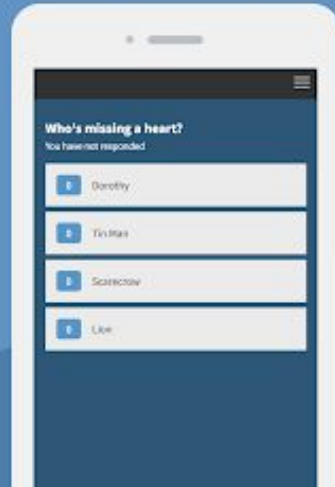
**Implications for Educational Use:** Google slides is a great resource for presentations and is great for collaboration in the classroom.

# Polleverywhere

Join presentations  
with ease




Respond to  
multiple-choice polls



PollAnywhere is a platform that allows instructors to create and implement surveys, polls, and discussions that all students can respond to from their computers or phones.

**Implications for Educational Use:** This resource can be used to involve all students in a discussion/debate. Questions can be posted to the site and students can respond digitally, giving them additional time to clearly articulate their thoughts.

# Webquest



## WebQuest.Org

**Home**

**Find WebQuests**

**Create WebQuests**

**Share WebQuests**

**Useful Resources**

**Community**

**Research**

**Bookshelf** NEW

**News**

**Latest news:**

**October 28, 2008:**  
WebQuest 101. A series of short introductory videos has been developed by SDSU Professor T. J. Kopcha. You'll find them [here](#).


**October 22, 2008:**  
WebQuests and Web 2.0? This webinar conducted by the Discovery Education Network features a

### Welcome

You've arrived at the most complete and current source of information about the WebQuest Model. Whether you're an education student new to the topic or an experienced teacher educator looking for materials, you'll find something here to meet your needs.

### Announcing: The WebQuest Research Consortium

Are you a doctoral student or faculty member interested in conducting research on WebQuests? You're invited to join a new informal group to exchange ideas, collaborate and co-author. We can capture data as QuestGarden users create their own WebQuests that open up interesting lines of inquiry about the planning process teachers use. Write [bdodge@mail.sdsu.edu](mailto:bdodge@mail.sdsu.edu) to learn more.



### What is a WebQuest?

A WebQuest is an inquiry-oriented lesson format in which most or all the information that learners work with comes from the web. The model was developed by **Bernie Dodge** at San Diego State University in February, 1995 with early input from SDSU/Pacific Bell Fellow **Tom March**, the **Educational Technology** staff at San Diego Unified School District, and waves of participants each summer at the **Teach the Teachers Consortium**.

### Minds We Like

**Annette Lamb**

**Jamie McKenzie**

**The Big 6 Guys**

**David Warlick**


**Elliot Aronson**

**Dan McDowell**

---

### About SDSU

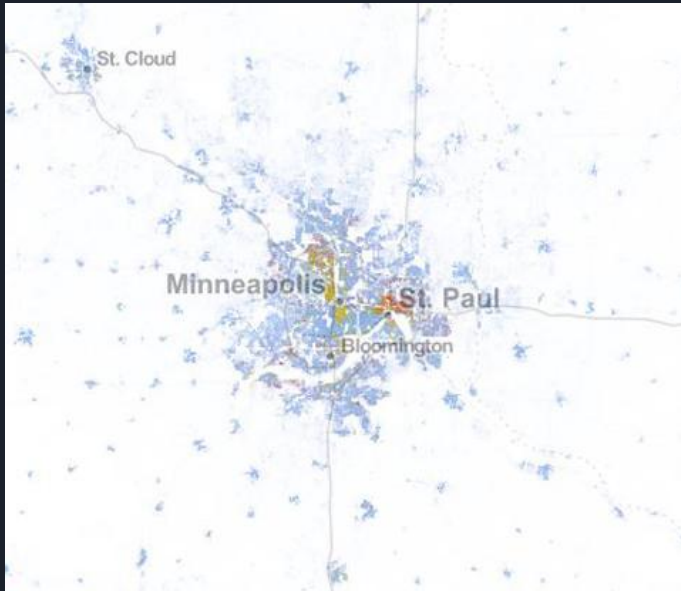
WebQuests originated at the San Diego State University Department of Educational Technology. Information is available about our **Masters** and **Distance** Programs as well as **COMET**, the new online Masters Program specifically designed for California teachers



**Description: Webquest contains many activities that encourage guided independent student research and digital literacy skills.**

**Implications for Educational Use: Webquest can be used as a method to scaffold historical (and other forms) of independent online research.**

# Cooper Center for Public Service Dotmaps

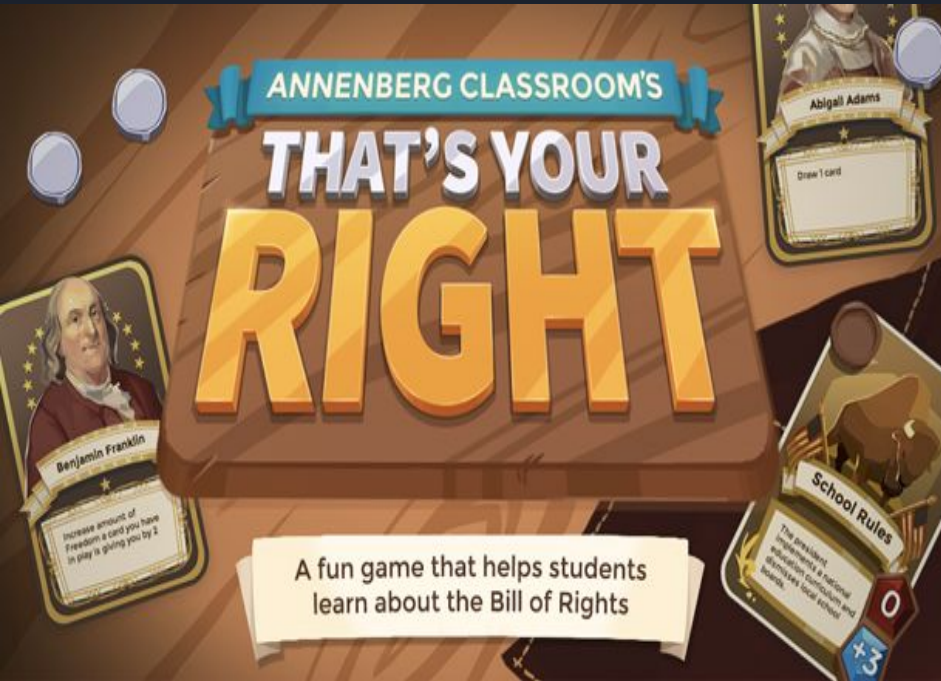


**Description:** The Cooper Center provides demographic data for the United States in different forms of Dotmaps.

**Implications for Educational Use:** The dotmaps provided by the Cooper Center would be useful in explaining the demographics and its changes of the U.S population or for sociological projects.



# Annenberg Classroom



**Description:** The Annenberg Classroom “strives to help develop citizens who demands and support a functional democracy”.

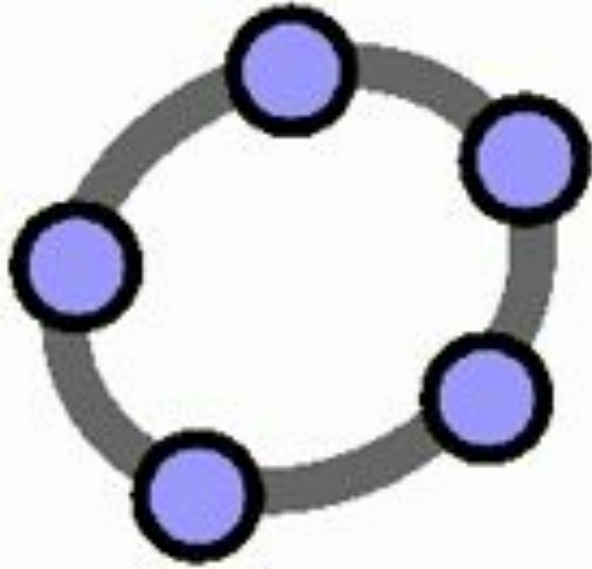
**Implications for Educational Use:** The Annenberg Classroom is devoted to teaching of the constitution and provides an annotated E-text, documentaries, lesson plans, and activities for students.

# ICivics



**Description:** ICivics is an engaging site filled with sources and activities to promote civic education for students. ICivics also houses a plethora of resources for teachers.

**Implications for Educational Use:** ICivics contains an E-textbook as well as many engaging activities and lessons for the teaching of government/civics for middle-school age students.



GeoGebra  
Dynamic Mathematics for Everyone

# GeoGebra

Geogebra is a mathematics app for all levels of education. It has multiple different tools for geometry, algebra, graphing, statistics, and calculus. This website includes a graphing calculator, a scientific calculator, a geometry tool, and a 3-D calculator.

## Implications for Educational Use:

This website can be used in geometry, algebra, statistics, and calculus.



# Gimkit

Gimkit is an online review game that is a fun way to check for student understanding. The teacher sets up a quiz, also known as a “kit” on the website, for students to participate in. You can also import a quiz that is already created on Quizlet Live. The game can be played by individuals or in teams. There are 4 different game styles: Time, Target, Race, or All In.

**Implications for Educational Use:** This can be used in any subject as a review before a test or anytime when you want to check for student understanding of a topic.

# Khan Academy

## Khan Academy

Khan Academy is a non-profit educational organization that provides free video tutorials and interactive exercises for many different subjects such as math, science and engineering, and economics and finance.

**Implications for Educational Use:** It can be used to give students another tool to help them understand content. It can also be used to enhance student self-learning skills.



# Google Forms

## Google Forms

Google Forms is an application on Google that allows teachers to create quizzes that will give students automatic feedback about whether their answers are correct. The teacher can determine how many times the student can take the quiz and if it is timed.. Google Forms also provides teachers with feedback about how many times a student took a quiz, how long they took it for, questions they got wrong, etc.

**Implications for Educational Use:** It can be used for assessments.



# Get the Math

Get the math is a website that combines videos with activities to help students understand how math can be used in the real world. The videos begin with a young professional that is encountering a challenge in their job. Students are encouraged to try to solve the challenges on their own before seeing how the professional overcomes the challenge.

**Implications for Educational Use:** It is helpful when trying to relate math to real-life scenarios.



**Glogster**

**EDU**

# Glogster

Glogster is a website which allows you to make Multimedia Interactive Posters containing videos, pictures, music, gifs, graphics, and more. It is very user-friendly, and the customization options are limitless.

As a summative assessment, the teacher may ask the students to make a presentation on a topic, in which, the student can use Glogster. On their glog, they can use photos, videos, add websites, or do voice overs.



# TubeChop



Chop YouTube Videos

TubeChop is a website which allows students to chop parts of youtube videos, making them shorter.

Many students use Youtube videos for assignments, and many teachers show Youtube videos in their classes. TubeChop allows for the removal of irrelevant or unnecessary parts of the videos shown, to preserve time.

# LinkedIn



## LinkedIn

LinkedIn is a social media site, similar to Facebook, used to network and promote oneself in a professional way.

Teachers could encourage students to make a portfolio on LinkedIn, showcasing their college and work experiences. This, of course would be used in high school on, not for early elementary.

# Online Stopwatch

Stop Watch

Stop Watch

Stop Watch

Stop Watch

Stop Watch

Stop Watch

Stop Watch



Count Down

Count Down

Count Down

Count Down

Count Down

Count Down

Count Down



Use the Online Stopwatch Full Screen

This is a user friendly timer or stopwatch found online. It can be used in any subject, for various activities.

Teachers can use this website to time exams or lessons. It can also be used to as a warning to countdown time before a transition.

# Grammarly



**grammarly**

Grammarly is a web-tool which acts as a grammar and spell checker. It also checks for the writer's tone in email, and can provide suggestions to improve grammar.

Students should have grammarly installed on their computers to aid in writing essays and emails. Grammarly points out the error, and tells the student how to fix it.