# SAA COOL WEB TOOLS

**TABLE OF CONTENTS (Click heading below for section resources)**

*\*\*\*This document was provided by Salena Rabidoux, Amy Rottman, and Jeff Ertzberger at the FETC Conference in 2018.*

# SAA COOL WEB TOOLS

## ENGLISH LANGUAGE ARTS TOOLS

Actively Learn: An online literacy platform that helps students overcome the barriers to reading for depth.

Adlibs -Digital adlibs short story generator

EducationWorld - K-12 education resources, lessons and news. Classroom strategies and innovation for teachers all over the world. Check out K-6 appropriate archived stories and 6-16 appropriate current events and articles.

FCRR - Florida's Center for Reading Research with evidence-based literacy resources (strategies, games, printables, etc.)

Garfield's Island Phonics - gamified resource for interacting with phonics

Homonyms

      Info: https://www.cooper.com/alan/homonym.html

      List: https://www.cooper.com/alan/homonym_list.html

InstaGrok: search engine that generates a web of related videos, images, articles, and terms based on a student's query.

Literacy Center - English, Spanish, French, and German language basics

Memorize - Learn a new language with games, humorous chatbots and over 30000 native speaker videos.

myShakespeare- free tool that allows students to read, watch, see modern translations, and hear interviews of the character from some of Shakespeare's plays.

Newsela - Fiction and current events with comprehension checks at the end. Adjusts reading level as needed.

NoRedInk - improve writing skills through interest-based curriculum, adaptive exercises, and actionable data.

Quill - free writing and grammar activities for middle and high school students.

Reading Rockets - Resources to help struggling **readers** build phonemic awareness, phonics, fluency, vocabulary, and comprehension skills

ReadWriteThink - Lesson plans, interactives, printables, and mobile app resources.

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Storylineonline - Actors/actresses read-aloud picture books.

StoryNory - Listen to fairy tales, myths, poems and original **stories** read by actors.

TheGlobalReadAloud - K-16 once-a-year project; global text reading over a 6-week period

## MATH TOOLS

Cross the River - Harcourt publishing came for fractions.

OnlineChartTool - Easy way to create various types of charts - bar, pie, line, area, radar, xy, scatter, pyramid, meter, etc.

Illuminations NCTM - Math interactives, lesson plans, and other resources.

NLVM - National Library of Virtual Manipulatives

Vector kids - Fraction self-check interactive.

WebMath - K-16 math interactives by Discovery Education.

## SCIENCE TOOLS

Anatomy 4D - Explore the human body through inquiry and self-discovery.

Teach.Genetics -Genetic, Bioscience, and health resources. Check out the Learn.Genetics tools, such as the DNA replica interactive resource.

Magic School Bus - K-6 science games and interactives by Scholastic

Photosynthesis - reteaching photosynthesis resource; hosted by Harcourt

PhET Simulations - K-16 science resources and interactives categorized by science strand or grade level.

NASA Visualization Explorer - Visual collection of space research for grades 2-16; available through web or mobile device.

# SAA COOL WEB TOOLS

## SOCIAL STUDIES TOOLS

50 States - Facts for each of the 50 states, each state has its own web link

Atlapedia - Alphabetized list of countries and their facts; each country has its own web link.

CIA Factbook - provides information on the history, people, government, economy, geography, communications, transportation, military, and transnational issues for 267 world entities.

Historypin - interactive maps, connecting communities with local history, authentic photos of a town from users, show town progression over time

iCivics Games - Don't just learn civics - play civics! Run for president. Pass new laws. Argue real cases. Play. Find free resources, tools, and support for informed and engaging civic learning

Lizard Points - Over 200 map quizzes on world countries, states, cities, rivers, flags, etc.

The Living Room Candidate - Over 300 commercials from every presidential election since 1952.

Time for Kids- The Times for K-6 - level appropriate articles.

## MULTI-SUBJECT TOOLS

Animoto - turns your photos and video clips into professional video slideshows

Annenberg Learner - The Annenberg Foundation offers resources for teachers and students to inspire creative thinking in all subjects. For example: Geometry 3D Shapes, Elements of a Story (Cinderella), Layers

Appear.in - instant videoconferencing space without a log-in

Autodraw - Draw images through artificial intelligences mapping

Awwapp Online whiteboard for realtime visual collaboration. Touch, draw, share. 40 people can collaborate at one time.

Bensound - royalty free music

Bubbl.us - create colorful mind maps to print or share with others.

Canva Drag-and-drop tool for presentations, flyers, eBooks, etc. creations.

# SAA COOL WEB TOOLS

Classkick - real-time feedback from students. See every students screen. Student works at their own pace.  Works best with Chromebooks or Google Chrome

Chatzy- create your own chat room and invite people by email. No ads, no installation, and no registration required

Crash Course - YouTube educational channel for all ages on various subjects.

Digizen Digital citizenship resources Pk-12.  Interactive, lessons, and resources for parents, teachers, and students.

Easel.ly -  create and share powerful visuals (infographics, posters, etc.) without the need for design experience.

edshelf - A socially-curated discovery engine of websites, mobile apps, desktop programs, and electronic products for teaching and learning.

Educlipper - Pinterest for educators - find, share and pin resources while building a personal learning network.

Flipsnack  - create HTML 5 flipbooks that are web and mobile compatible.

Flocabulary - Hip-hop music connected to content; all grade levels.

Free Rice - gamified multiple choice quizzes for a good cause.

Funbrain -  online educational games for kids of all ages. (math, grammar, science, spelling, history)

Google Cardboard  - It's a VR experience starting with a simple viewer anyone can build or buy.  Check out the kit from  Walmart ($4.50 shipping included).

Google Street View - Explore parks, cities, and many places around the world. You can jump into another culture with 360° video. Check out the New Zealand walk trails

Gooru -  free, online tool that offers personalized pathways to help students reach their learning goals.

Goosechase - Scavenger creation hunt tool.

GradeProof- Grammar checker that is an Add-on in Google Docs.

Graphic organizers - printable graphic organizers hosted by eduplace

Hidden Worlds of National Parks - Follow rangers on a journey to places most people never go in stunning 360° video.

Internet4classrooms -grade level skills help through interactives; teacher resources; printables

# SAA COOL WEB TOOLS

Intervention Central - Academic and Behavior intervention strategies; focus is on K-5 benchmark levels (Example: Maze Passage Generator)

Jumpshare - share files with others through a URL. 100MB limit per item. 2GB storage. Also has a feature for screen recording. Free download.

KnightLabs - Northwestern University's digital lab of interactive tools. Check out their StoryMap and Timeline examples

Lessonpaths - Create, share and explore learning playlists made by users.

Open Dyslexic - Open-source font for individuals with dyslexia.

Printfriendly - take any URL, removes ad, weird spaces, etc.

Padlet Post notes on a black screen that anyone in the world can join you to post on.

PermissionClick online permission slips

Pexels - free royalty-free stock photos

Photosforclass - Safely search for creative commons images; each includes citation.

Piratepad - collaborative document without the need for an account.

Plickers - Collect real-time formative assessment data; no need for student devices.

Podbean- free podcasting

Quia - Part of IXL; Create your own educational games, quizzes, surveys, and web pages Check out the Homographs team game or the Astronomy resource.

Safeshare - removes ads from youtube

Screencast-o-matic - Fast, Free Screen Recording service

Scrible - Research assistant; creates citations, bibliographies, etc.

Slides Carnival - professional presentation templates; PPT or Google Slides.

Stormboard interactive remote collaboration - online brainstorming. RAFT, KWL, etc. that are pre-made. Up to 5 participants at one time with free version

Symbaloo Learning Paths - Gaming-style Learning Path.

StoryboardThat - Digital storytelling service. Create comic strip type stories with amazing characters and backgrounds.

Stockio - free photos, vectors, icons, fonts, and videos

# SAA COOL WEB TOOLS

Sway A Microsoft program that offers the ability to create interactive presentations, newsletters, photos, videos, etc. where the final product looks like a website.

Tagxedo - word cloud generator with different 'cloud' shapes for the words to fit in

Thinglink (All) Free-A digital canvas with interactive capabilities that can increase student engagement.

TinyTap create, share, and play interactive games. (Pre-made library is quite extensive)

Tools 4 Noobs - Summarizes text to meet reading needs; word/sentence length

Vizia (All) Great for fostering a flipped classroom as it requires students to engage with a video while viewing.

UNCW Ed Games - Make learning fun! Pre-made games and game templates that can make test review, learning vocabulary, and memorizing fun for all.

Vocaroo (All) Free-Allows teachers to provide verbal feedback through an audio podcast.

Voki - avatar presentation tool for verbal information. For additional costs there are additional environments available, such as a classroom.

WatchKnowLearn - Free K-12 educational videos organized by content area.

Wizer - Blended worksheets; no need to print.

Wix - easy-to-use website creation with drag and drop HTML 5 options

Zamzar - Free online video converter, audio converter, image converter, eBook converter. No download or account required.

Zoom - online video conferencing software without log-ins for attendees. Recording option.

## Participant Sharing

Mathplayground.com - similar to singapore math - thinking blocks

Alternativeto.net - offers alternatives to common tools; can sort by free 'freemium', etc.

Udltechtoolkit.wikispaces - each link is a list of resources for every content area and subskill, some free and some cost

Kahoot - students compete against one another

Quizizz - similar to kahoot

# SAA COOL WEB TOOLS

Office Lens - part of Office 365, free PDF scanner (advanced with cool features)

Weebly - web site creator, can sign up with an educator account and receive 30 separate templates

Quizlet - students can make study stacks/flashcards; a new feature of diagram has been added.  You can play quizlet live with your students by teams; teams are animal logos.  Also has Quizlet learn feature.

Myopenmath.com - student self-study resources with curriculum included.  There are free open source math textbooks. Great for students who are trying to prep for ACTs.

Iorad - tutorial builder

Prodigymath - game-based math program - wizards, battles, etc. that engulfs students' attention

Flipgrid - verbal feedback; someone can record and others can offer feedback.  Similar to Voicethread.

Nearpod - interactive and engaging platform for engagement during PPT lessons

Typorama - fun, iPad/iPhone app that you can use to create images

Storybird - you can pic a picture or you can submit your own drawings to be hosted on the site, students can post responses to images

Videonote.es - upload video and ask questions of students, similar to Vizia.