

Instructional Technology Tools for the Classroom

Web Tools

Web Resources	Description	DOK Verbs	Website
Book Creator	Provides a Teacher a library to give access to students, so students can create eBooks. Editing tools include: audio, video, pictures, text, shapes, backgrounds, font, text size, and center	Remember: describe, discover, identify, label, list, listen, locate, read, recall, select, state, tell Understand: illustrate, relate, explain main idea Apply: articulate, construct, produce, relate, show Analyze: contrast, illustrate, Evaluate: judge, classify, evaluate Create: combine, create, imagine,	https://app.bookcreator.com
BuzzSprout	A FREE podcasting tool. 2 hours of recording time per month for free,	Apply: operate, produce, record Create: devise, formulate	www.buzzsprout.com
Code.org	Website which aims to encourage people to learn computer science with the Hour of Code Project.	Remember: discover, reproduce Understand: illustrate, group, identify Apply: articulate, construct, produce Analyze: deduce, question Evaluate: consider, order, test Create: combine, create, imagine, simulate	See video: https://youtu.be/5FL-bQUtZic
EdPuzzle	Create video assessments using self-created videos or from video databases like YouTube, Khan Academy, etc.	Remember: observe, recall Understand: infer, paraphrase, predict, summarize Apply: explain, interpret Analyze: point out, question, connect	www.edpuzzle.com
eMaze	eMaze is another presentation tool that gives great graphics and presentation choices.	Understand: identify, indicate, illustrate, review, rewrite Apply: apply, articulate, explain, illustrate, produce Create: compose, create, design, express, originate, produce	www.emaze.com
ETV Streamline	Using television, radio and the web, SCETV's mission is to enrich lives by educating children, informing and	Remember: identify, memorize, recall, reproduce, select Understand: retell, compare, contrast	http://www.scetv.org/index.php

	connecting citizens, celebrating our culture and environment and instilling the joy of learning.	Analyze: evaluate, focus Apply: infer, interpret, define, explain	
Exam Time	Online Study System. Shareable with students	Remember: identify, memorize, recall, reproduce, select Analyze: compare, connect	www.examtime.com
FlipGrid	Provides an opportunity for teachers to give an audio prompt or a written prompt, and then students will be able to respond with an audio-visual clip to respond.	Analyze: apply, demonstrate, employ Evaluate: editorialize, persuade, Create: compose, express, justify, role-play	www.FlipGrid.com
GeoGebra	Math graphics program. Shapes. Points, motions, etc.	Understand: estimate, give examples Apply: calculate, demonstrate, illustrate, paint, record, show	www.geogebra.org
Glogster	Great way to share posters and images you've made with friends. (Now a paid service)	Understand: express, illustrate Create: compose, create, design, express, originate, produce	www.glogster.com
Google Advanced Search	Allows for searching using filters. Start search then click Tool Wheel on the right	Remember: identify, cite, label Understand: indicate, interpret,	www.google.com
Hyperdocs	A digital document such as a Google Doc—where all components of a learning cycle have been pulled together into one central hub. Within a single document, students are provided with hyperlinks to all of the resources they need to complete that learning cycle.	Remember: describe, discover, identify, label, list Understand: illustrate, relate Apply: articulate, construct, produce Analyze: contrast, compare, order, sequence, categorize Evaluate: judge, classify, evaluate Create: combine, create, imagine,	<u>See video:</u> https://youtu.be/rhEfw6aX9B4
Insert Learning	Annotate any web page by adding notes, highlights, videos, questions, or resources. This can be used as an assessment tool and assigned to students.	Remember: describe, discover, enumerate, identify, label, list, listen, locate, match, quote, read, recall, select, state, tell Understand: discuss, explain, generalize, give examples, group, identify, illustrate, infer, interpret, order, paraphrase, predict, restate, summarize Apply: chart, sketch Analyze: contrast, question, illustrate	www.insertlearning.com

		Evaluate: argue, defend	
Kahoot	An assessment tool in a fun game format.	Remember: identify, memorize, recall, reproduce, select Analyze: compare, connect	www.getkahoot.com
Knovio	Turn plain powerpoint projects into slides that YOU can narrate.	Understand: paraphrase, relate Apply: articulate, explain Create: compose, create, design, express, originate, produce	www.knovio.com
Little Bird Tales	Story-telling program	Apply: articulate, illustrate Create: compose, create, design, express, originate, produce	www.littlebirdtalkes.com
Mathlearningcenter.org MATH ONLY	Math manipulatives that allow the user to copy their work or share it. Geoboard, Math Clock, Number Frames, Number Line, Number Pieces, Number Rack, Whiteboard App, Fractions, Math Vocabulary Cards, & Money Pieces, Pattern Shapes.	Remember: identify, recall, record Understand: explain Apply: manipulate, write Analyze: deduce, divide, add, subtract. sum Evaluate: justify, measure, test Create: formulate, integrate	https://www.mathlearningcenter.org/apps
NearPod	Presentation and Interactive Tool. Allows the interjection of tasks along the way of the lesson. Students' screens mirror that of the teacher.	Understand: identify, indicate, illustrate, review, rewrite Create: compose, create, design, express, originate, produce	www.nearpod.com
Padlet	Post projects, samples, documents and pictures to share	Apply: chart, list Evaluate: classify, assess, verify Create: structure, develop, compose, predict, write	www.padlet.com
Paper Slide Video VIDEO TOOL	Storytelling Tool. Uses cameras and uploading photos.	Evaluate: editorialize, persuade, Create: role-play, compose, create, design, express, originate, produce	http://www.youtube.com/watch?v=Qf6L1PTG3p4
PhET Interactive Simulations	PhET provides fun, free, interactive, research-based science and mathematics simulations. We extensively test and evaluate each simulation to ensure educational effectiveness. These tests include student interviews and observation of simulation use in	Remember: describe, discover, identify, label, list, locate, match, read, recall, select, state, tell Understand: discuss, explain, generalize, give examples, group, identify, illustrate, infer, interpret, paraphrase, predict, report, summarize	https://phet.colorado.edu/en/simulations/filter?sort=alpha&view=grid

	classrooms.	Apply: chart, construct, demonstrate, experiment, manipulate, modify, simulate Analyze: compare, contrast, diagram, illustrate, point out Evaluate: consider, conclude, measure, predict, test Create: anticipate, assemble, collaborate, compose, construct, create, express, hypothesize, justify, manage, modify, rearrange, simulate, support, test, validate	
Plickers	Ways to use Tech without laptops. Presents cards that students hold up, and the teacher scans the room with their cell phone.	Remember: identify, memorize, recall, reproduce, select Create: compose, justify, solve	www.plickers.com
Poll Everywhere	Polling tool that allows you to take a survey or quick pulse of the classroom learning.	Analyze: break-down, analyze Evaluate: appraise, consider, distinguish. measure, rank, rate, summarize	www.polleverywhere.com
Prodigy	Math practice and assessment tool through gaming as a wizard.	Remember: duplicate, examine, identify, recall, recognize, repeat Understand: estimate, group, identify, represent, select Apply: apply, calculate, practice, solve	https://www.prodigygame.com/main-en/
Quizizz	Gamified quizzes, lessons, presentations, and flashcards for students	Remember: describe, discover, identify, label, list, listen, locate, read, recall, select, state, tell Understand: illustrate Apply: articulate, construct, produce Analyze: contrast, question, deduce retell, describe Evaluate: consider, settle, verify, conclude Create: combine, create, imagine,	https://quizizz.com
Quizlet Quizlet LIVE	A competition learning tool that challenges, engages, and energizes students. Students compete against their own previous score, or others in the class in a Team Format.	Remember: identify, memorize, recall, reproduce, select Evaluate: appraise, evaluate, measure Create: compose, justify, solve	www.quizlet.com Quizlet LIVE is a teacher only option!
Remind	Allows you to have students and parents to sign up for your class group and you	Understand: report, review Apply: articulate, explain, relate	www.remind.com

	are able to send messages via their text or email without having their cell number revealed.		
SAS Pathways	Lessons, ideas and resources aligned to standards	Analyze: categorize, classify, compare, explain, focus, illustrate, plan, question	http://www.sascurriculumpathways.com/portal/Launch?id=1394
SC Discus	Find thousands of magazines, newspapers, and references	Remember: discover, listen, read, visualize Understand: research, paraphrase, summarize Evaluate: assess, support	www.scdiscus.org
Screencast-o-Matic VIDEO TOOL	Screen recording tool with screen, with insert or camera only options, 15 minute limit on recording time for Free account.	Resource site: Follow to get more info.	www.screencast-o-matic.com
SeeSaw	Website which can be used as an LMS or as a supplemental resource, with premade lessons and learning activities. Although it is used for primary levels, many of its applications can be used for learners at each level.	Remember: describe, discover, enumerate, identify, label, list, listen, locate, match, quote, read, recall, select, state, tell Understand: discuss, explain, generalize, give examples, group, identify, illustrate, infer, interpret, order, paraphrase, predict, restate, summarize Apply: chart, sketch Analyze: contrast, question, illustrate, deduce Evaluate: consider, classify Create: produce	www.seesaw.com
Soapbox	Soapbox is a Digital Organizer of events, discussions and assignments.	Understand: relate, research Create: arrange, assemble, develop, make, manage, organize, reorganize	http://app.gosoapbox.com/account/getting_started
Socrative	Live student response system for formative and/or summative	Remember: identify, memorize, recall, reproduce, select Create: compose, justify, solve	www.socrative.com
Symbaloo	Organizes web sites into one visual tool for sharing	Understand: relate, research Create: arrange, assemble, develop, make, manage, organize, reorganize	www.symbaloo.com
Thinkfinity	Lesson Plan. Brainstorming. Lesson Plans are searchable by standards and even moves to Common Core	Analyze: categorize, classify, compare, explain, focus, illustrate, plan, question Evaluate: consider, classify	www.thinkfinity.org
Voki	Get your own avatar and even have it talk with your voice	Understand: paraphrase, relate Create: compose, create, design, express,	www.voki.com

		originate, produce	
Word Art	Like Wordle but a step farther as text can be used to build bigger images	Understand: express, illustrate Create: compose, create, design, express, originate, produce	https://wordart.com/
YouTube Advanced Search	Advanced searches using filters	Remember: identify, cite, label, discover, Understand: retell, compare, contrast Analyze: evaluate, focus Apply: infer, interpret, define, explain	www.youtube.com
Vocaroo	Voice / Audio Creation WEbsite	Apply: Use to add to Slides, Drawing and Book Creator, etc.	https://vocaroo.com/
Remove Background	Takes background out of pictures	Create: compose, create, design, express, originate, produce	https://remove.bg

Google Add Ons

Title	Description	Works With
Autocrat	Allows email merging to send from a Google Form Response Sheet	Google Forms
Certify 'Em	An Add On to your that lets you create a certificate for your students	Google Forms
Form Notification	-Allows users to create and configure email notifications that are sent when a Form receives submissions. Users can have emails sent to the creator of the Form and/or send short, customized reply emails to the Form submitter.	Google Forms
Formenate	-Take a google doc and convert into a google form!!!!	Google Docs
FormLimiter	Shuts off a Google Form after a max number of responses...date...time...or when a cell sheet equals a value	Google Forms
FormNotification	Notifies you when someone responds to your Google Form	Google Forms

Highlighter Tool	-Allows students to highlight supporting details, main ideas, nouns, etc. -Can export highlighted sections to a different doc that will be in a table	Google Docs
Open Here	Allows you to return to the exact place you were working or reading after you close and come back to your document at a later date or time.	Google Chrome Tabs
Openclipart	- Choose from over 50,000 clip art images.	Google Docs, or Slides
OpenClipArt	Openclipart provides many of the best clipart images available and now you can search and insert them right into your Google Document. Over 5000 images in the library.	Google Docs, Slides or Drawing
Orange Slice Rubric	-Adds rubric to top of doc -Allows teacher to score it -Great for peer editing	Google Docs
TableFormatter	Table Formatter allows you to use MS Word features in your Docs. Customize table styles and backgrounds. Create your own templates.	Google Docs
VexTab Music Notation	This Docs add-on lets you render standard music notation, drum notation, and guitar tablature in your documents using the VexTab notation language.	Google Docs
Extensis Fonts	Gives many more options to use in your docs, or Slides	Google Docs and Slides

Google Extensions

Title	Description	Verbs	Works With
Bitmoji	Create a cartoon image of yourself. (May be restricted to certain users)	Understand: generalize Apply: demonstrate, develop	Insert into Docs, Websites, Slides
Doc Hub	Allows annotation to PDF Documents	Remember: read, rewrite Understand: review Apply: illustrate, manipulate Evaluate: score Create: produce	Annotates once stored in Google Drive
Draftback	Watch how a Google Doc was created, revision history and edits made.	Analyze: break down, deduce, evaluate Evaluate: rank, rate, score	Google Docs
Equatio MATH ONLY	Math equations tool that allows you to "talk math" and the computer "types math."	Remember: read, reproduce Understand: differentiate Apply: produce, show, sketch , write Analyze: estimate Evaluate: compare Create: devise	Insert mathematical equations and formulas using superscript and variables, etc.
Google Cast for Education	Allows you to "cast" or show your Chromebook screen to your laptop. Especially good if your laptop is hooked to a Promethean or Smartboard.	Apply: produce, show, sketch , write	Anything on your screen using the Google Suite tools.
Google Meet Attendance	Automatically takes roll of those in attendance at your Google Meet.	Remember: identify Apply: interview	Google Chrome and with Google Classroom
Google Meet Gridview	Allows you to see more than the normal 16 students. New Updates allow you to pick 16-49 students.	Evaluate: justify, measure, order	View multiple students on your screen
Google Shortener	Makes a shorter URL out of extremely long link addresses. Also makes QR Codes.	Create: formulate	Websites or Share Links
Insert Learning	Annotate any web page by adding notes, highlights, videos, questions,	Remember: identify Understand: discuss, explain Apply: determine, interpret	YouTube and Google Classroom

	discussions or resources. This can be used as an assessment tool and assigned to students.	Analyze: correlate Evaluate: choose, measure	
Kami	Allows annotation to PDF Documents	Remember: read, rewrite Understand: review Apply: illustrate, manipulate Evaluate: score Create: produce	Annotates once stored in Google Drive
Loom VIDEO TOOL	Screen recording tool with Screen, insert or Camera only options. Stores in your Loom.com account. Unlimited recording time.	Apply: articulate, illustrate Create: compose, create, design, express , originate, produce Evaluate: editorialize, persuade	Screencasts, video lessons, how-to videos, short lectures
Mercury Reader	Allows the reader to have all of the text without the distractions on a web page.	Remember: read, state, tell Understand: show Apply: articulate	Docs, articles, and websites
Mercury Reader	Clears away the clutter from pages on the web.	Remember: read, recite Understand: review Apply: use, write Evaluate: editorialize, support	Google Chrome
Mute Tab	Allows you to Mute multiple Breakout Rooms in Google Meet.	Create: collaborate	Google Meet
Quietube	Takes the Ads off, and any other distracting video previews off, of videos you want to show to students.	Apply: illustrate, employ	<u>Can be found also at</u> www.quietube.com
Read&Write	Text to Speech for struggling readers. speed and voice can be chosen	Remember: describe, discover, identify, label, list, listen, locate, read, recall, select, state, tell Understand: illustrate Apply: articulate, construct, produce Analyze: compare/contrast Evaluate: consider, settle, verify, conclude Create: combine, create, imagine	Docs, articles, and websites
Save to Keep	Moves info you want to keep into Google Keep Notes. Great for creating generic comment	Remember: identify, match Understand: give examples Apply: administrate, prepare	With Docs, and Google Classroom

	templates for student feedback.		
Screencastify VIDEO TOOL	Screen recording tool from Google. Automatically creates a folder in your Google Drive for storage. 5 minute limit in Free Account	Apply: articulate, illustrate Create: compose, create, design, express , originate, produce Evaluate: editorialize, persuade	Screen, screen with embed, self
Share to Classroom	Allows one to “push” or share a website, link or tool without having to share the link for others to replicate / type.	Understand: relate Apply: show	Web links or tools
Share to Classroom (Expired)	Allows teachers to immediately share websites, pictures and resources to ALL student's devices within their specified Google Classroom.	Understand: research Apply: produce, show	Any time students are working with Headphones on
Tab Resize /Split Screen	Allows you to split screen views to work on one doc or web page while viewing another.	Apply: examine, experiment Analyze: focus	Google Meet and Share Screen
Ziteboard	Full screen write-on white board. Post-its, images, markers, etc. Can save.	Remember: list, observe, read Understand: identify, illustrate Apply: operate, practice Analyze: compare, contrast Evaluate: measure Create: make, negotiate, solve	Google Meet, Jamboard
ColorZilla	Add colors you have already on the screen by using the eyedropper to pinpoint colors and copy the code.	Apply: Operate, practice Create: Manipulate	Google Draw, Slides
Mote	Fast Friendly Voice Messaging	Apply: articulate, illustrate Evaluate: editorialize, persuade	

Google Apps

Title	Description	Verbs	Website or Location
Desmos Graphing Calculator	Instantly plots any equation. Easy to use and functional for students. Plot functions, create tables, add sliders, animate your graphs, and more -- all for free.	Apply: illustrate Analyze: evaluate, diagram Evaluate: measure, order Create: construct, originate	https://chrome.google.com/webstore/detail/desmos-graphing-calculator/bhdheahnajobgndecdbggfmcojekgdko?hl=en
Google Classroom	Learning Management System. Can use for classrooms to send announcements, assignments, share videos, organize content and house the Google Meet for that particular classroom.	Remember: describe, discover, tell Understand: show, summarize Apply: demonstrate, explain Analyze: deduce, evaluate, organize Evaluate: assess, consider, grade, measure Create: collaborate, formulate, manage	This is part of the Google Suite for Education tools
Google Docs	Create, edit and share documents	Remember: describe, read, visualize Understand: describe, illustrate Apply: articulate, chart, record Analyze: categorize, order Evaluate: debate, persuade Create: develop, imagine, originate	This is part of the Google Suite for Education tools
Google Drawing	Infographics and mind-mapping tool	Remember: reproduce, visualize Understand: extend, interpret Apply: illustrate, manipulate Analyze: organize Evaluate: test Create: invent, rearrange	This is part of the Google Suite for Education tools
Google Drive	Online Storage of files, documents, videos, forms, etc.	Create: compile, compose, design, manage, organize, reorganize	www.google.com
Google Forms	Create surveys, tests and use for data collection	Apply: complete, record Analyze: categorize, order Evaluate: grade, rate, summarize	This is part of the Google Suite for Education tools

		Create: collect, compile	
Google Jam Board	Use as a whiteboard, a place for sticky notes, brainstorming, lectures, and presentations	Remember: quote, read, record Understand: generalize, identify Apply: construct, develop, manipulate Analyze: classify, connect, outline Evaluate: defend, order Create: create, design	This is part of the Google Suite for Education tools
Google Meet	Video conferencing tool. Can be embedded into Google Classroom	Remember: listen, observe Understand: infer, summarize Apply: debate Analyze: illustrate Create: plan, structure	This is part of the Google Suite for Education tools
Google Photo	Storage for pictures that can be used to illustrate later on	Remember: reproduce, visualize Create: design, express, modify	This is part of the Google Suite for Education tools
Google Sheets	Create spreadsheets to manage data collected from surveys, for text or monetary figures.	Understand: group, identify Apply: calculate, list Analyze: order, organize, separate Evaluate: compare, grade Create: devise, formulate	This is part of the Google Suite for Education tools
Google Sites	Create web sites to share information, lesson plans, and text in audio, video or still picture formats.	Remember: quote, read, record Understand: generalize, identify Apply: construct, develop, manipulate Analyze: classify, connect, outline Evaluate: defend, order Create: create, design	This is part of the Google Suite for Education tools
Google Slides	Create powerful presentations using the tools to add text, videos, and images,	Remember: quote, read, record Understand: generalize, identify Apply: construct, develop, manipulate Analyze: classify, connect, outline Evaluate: defend, order Create: create, design	This is part of the Google Suite for Education tools
Number Line	Number Line helps students visualize number sequences and illustrate strategies for counting, comparing, adding, subtracting,	Understand: group, identify, illustrate Apply: act, manipulate, modify Evaluate: grade, measure, order Create: justify, produce	https://chrome.google.com/webstore/detail/number-line-by-the-math-l/ociighkhkffcoplfkofojilfjholclge?hl=en

	<p>multiplying, and dividing. Choose number lines labelled with whole numbers, fractions, decimals, or negative numbers. Or use a blank number line, with or without tick marks.</p>		
ScanQR	<p>Scans QR codes and displays their contents on a Chromebook or other computer with a suitable webcam. What's a "suitable" webcam? It's one that can focus the QR code within the red square in the app sharply enough that the app can decode it.</p>	<p>Apply: interpret</p>	<p>https://chrome.google.com/webstore/detail/scanqr/nihhbejdfklingkpkakffdlmepaeaah?hl=en-US</p>
Translator	<p>View translations easily as you browse the web. Highlight or right-click on a section of text and click on the Translate icon next to it to translate it to your language. Or, to translate the entire page you're visiting, click the translate icon on the browser toolbar.</p>	<p>Remember: recall, recite, record Understand: identify, translate Apply: prepare, interpret Analyze: infer Evaluate: editorialize Create: formulate</p>	<p>https://chrome.google.com/webstore/detail/google-translate/aapbdbdomjkkjkaonfhkkikfgiilcleb/RK%3D2/RS%3DBBFW_pnWkPY0xPMYsAZI5xOgQEE-</p>
Google Keep	<p>Note-Taking tool that serves as a virtual "Sticky Note." It can send a Reminder, create lists, send to Google Docs, etc</p>		<p>This is part of the Google Suite for Education tools</p>

Resource Websites

Title	Description	Resource Info	Website
35 Web Tools for the Classroom	Presented by Edudemic	Resource site: Follow to get more info.	http://www.edudemic.com/2010/07/the-35-best-web-2-0-classroom-tools-chosen-by-you/
7 Habits of Highly Connected Educators	Presented by Edudemic	Resource site: Follow to get more info.	http://www.edudemic.com/2013/07/the-7-habits-of-effective-connected-educators/
Combine PDFs	Free online tool to combine pdf documents	Resource site: Follow to get more info.	https://combinepdf.com/
Free Technology For Teachers	Blog by Richard Byrne listing free Technology Tools – Check Terms of service for Tools before using	Resource site: Follow to get more info.	http://www.freetech4teachers.com/
GCSD Tech Coach YouTube	How to Videos of tools and strategies.	Resource site: Follow to get more info.	https://www.youtube.com/channel/UCcY9gCdfU6z1ndP3Ej4ohDA/videos
Online discussion Tips for Students	Presented by Edudemic	Resource site: Follow to get more info.	http://www.edudemic.com/2013/06/5-online-discussion-tips-for-students/
Quietube	Takes the Ads off, and any other distracting video previews off, of videos you want to show to students.	Resource site: Follow to get more info.	www.quietube.com
Reluctant Teachers	Secrets top Supporting Teachers that are Reluctant to use Technology presented by RN Designs	Resource site: Follow to get more info.	http://www.rndesigns.com/blog/my-5-secrets-for-supporting-reluctant-teachers-in-tech-integration/
Split PDFs	Free online tool to split pdf documents	Resource site: Follow to get more info.	https://www.pdf2go.com/
Teachers and Technology	Five Ways to support teachers that are Skeptical of Technology presented by Edudemic	Resource site: Follow to get more info.	http://www.edudemic.com/2013/07/5-ways-to-support-teachers-skeptical-of-technology/
Tech N Grits Blog	Thoughts and opinions from the GCSD Tech Coaches	Resource site: Follow to get more info.	www.techngrits.blogspot.com
Tools for Teaching	How to Transform Direct Instruction presented by Edutopia	Resource site: Follow to get more info.	http://www.edutopia.org/blog/tools-for-teaching-transform-direct-instruction-constructivism-rebecca-alber
Twitter Lingo	The Complete Guide to Twitter Lingo presented by Mashable	Resource site: Follow to get more info.	http://mashable.com/2013/07/19/twitter-lingo-guide/

Slides Mania	Free Templates for Google Slides	Resource site: Follow to get more info.	https://slidesmania.com/free-templates/
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