

Differentiation Resources	
Differentiator http://byrdseed.com/differentiator/	Tools for auto-differentiation
Dare to Differentiate http://daretodifferentiate.wikispaces.com	Tools for differentiation
www.surfaquarium.com	Activities for multiple intelligences.
https://jr.brainpop.com/	Creates animated, curricular content that engages students, supports educators, and bolsters achievement. Our award-winning online educational resources include BrainPOP Jr. (K-3), BrainPOP, BrainPOP Español, and, for English language learners, BrainPOP ESL.
Vocabulary	
Wallwisher http://padlet.com	A user friendly digital word wall tool that allows users to create a digital wall of multimedia sticky notes which can include text, images, links and videos.
Flashcard Exchange www.flashcardexchange.com	Vocabulary flashcard application
Flashcard Stash http://flashcardstash.com	A dictionary based website for helping students learn vocabulary and more
ThingLink http://www.thinglink.com	A vocabulary launcher tool for creating interactive images that supports a variety of multimedia. Users can create multiple “hot spots” on specific parts of an image to build multimedia definitions that include video, images, audio, web links and more.
Flashcard Stash http://flashcardstash.com	A dictionary based website for helping students learn vocabulary and more. Teachers and students can access definitions, example sentences from context, and images to support the word with a set of digital flash cards to use to help students practice the words and concepts through some games and quizzes.
Debate.org http://www.debate.org	A resource for facilitating debates and discussions
Vocabulary Journey: http://www.vocabjourney.com/	Vocabulary resources

Research	
OpenEd https://www.opened.io	A site that claims to be the world's largest educational resource catalog.
The Florida Center for Reading Research www.fcrr.org	The Florida Center for Reading Research has a searchable research database and resources for reading skills.
Educational Glossary http://edglossary.org/interim-assessment/	Created by the Great Schools Partnership, a comprehensive online resource that describes widely used school-improvement terms, concepts, and strategies for journalists, parents, and community members
Ed Resources www.eds-resources.com	Contains children's literature resources.
Ipl2 http://www.ipl.org/div/potus/index.html	Links to biographies, historical documents, audio and video files, and other presidential sites are also included.
Best Evidence: http://www.bestevidence.org/index.cfm	Research and resources
Google Scholar http://scholar.google.com	Scholarly research and resources
iSEEK Education: iSeek: http://education.iseek.com/iseek/home.page	A targeted search engine for students, teachers, administrators, and caregivers that uses safe search technologies.
refSeek: http://www.refseek.com : a 21 st century dictionary	Research resources
Virtual Learning Resource http://www.virtuallrc.com	A virtual index of thousands of the best academic information websites and other resources.
Academic Index: http://www.academicindex.net	Academic Index is a scholarly academic search engine accessing only websites previously selected by librarians, teachers and library and educational consortia.
Digital Library: http://dlc.dlib.indiana.edu/dlc/	The Digital Library of the Commons (DLC) is a gateway to the international literature on the commons. The DLC provides free and open access to full-text articles, papers, and dissertations.
Internet Public Library: http://www.ipl.org/div/subject/	ipl2 is a public service organization and a learning/teaching environment. Thousands of students and volunteer

	library and information science professionals designed, created, maintained, and continue to aid in providing answers to reference questions for our Ask an ipl2 Librarian service.
SciSeek http://www.sciseek.com	Online journals for research
The Literary Encyclopedia http://www.litencyc.com	Founded in 1998 to provide a reliable scholarly online literary reference work for English-language readers, primarily in higher education.
Behavior Brain Science Archive http://journals.cambridge.org/action/displayJournal?jid=BBS	Online journals for research in cognitive science.
Buzzmath.com https://www.buzzmath.com	Math resources for teachers and parents
Project Look Sharp http://www.projectlooksharp.org/?action=about_pls	A media literacy initiative of the School of Humanities and Sciences at Ithaca College, working in collaboration with local school districts, New York State BOCES, the National Association of Media Literacy Education (NAMLE) and other national media literacy organizations.
Commoncraft https://www.commoncraft.com	Teach students how to search the web responsibly and effectively. Includes tutorials on social networking and net safety.
www.gaggle.net	Allows students to email and blog with each other
Virtual Field Trips	
Common Sense Media https://www.commonsensemedia.org/lists/math-apps-games-and-websites	These <i>free</i> digital tools are available to support your teaching, learning, and planning. <i>Have fun!</i>
Google.earth.com	Students can see where everything in the world is!
www.nettrekker.com	Search engine made for schools, previewed by educators. Sites are rated by reading level and have a speech function built int. Sites may also be searched by state standards.
Arctic Adventure http://www.polarhusky.com	Explore the Great Arctic!
Global Trek	Explore the Globe!

http://teacher.scholastic.com/activities/globaltrek/	
Google Lit Trips: http://googlelitrrips.com/GoogleLit/Getting_Started.html	Free downloadable files that mark the journeys of characters from famous literature on the surface of Google Earth.
www.google.earth.com	Students can see where everything in the world is !
The Hershey Chocolate Factory http://www.thehersheycompany.com/about-hershey/our-story/making-our-chocolate.aspx	Virtual educational tours of the Hershey Chocolate Factory.
Le Louvre http://www.louvre.fr/en/visites-en-ligne	Virtual, self-guided online tours of Louvre exhibition rooms and galleries.
Museum of Natural History: http://www.mnh.si.edu/panoramas/	Virtual, self-guided, online tours of the Museum of Natural History exhibition rooms and galleries.
Panoramas of the World http://www.360cities.net	Zoom in to an incredible level of detail and explore courtyards, alleys, streets, buildings, and rooftops.
Field Trip To The Moon! http://www.connectionsacademy.com/blog/posts/2010-05-26/Take-a-Virtual-Field-Trip-to-the-Moon.aspx	Virtual educational tours of the galaxy and beyond.
Welcome To The White House http://www.whitehouse.gov/about/inside-white-house/interactive-tour	Virtual tours of the White House.
Assessment	
Jeopardy Labs https://jeopardylabs.com	Create and use customized Jeopardy templates.
Plickers https://plickers.com	Real time formative assessment that uses scanning technologies
www.quizstar.4teachers.org	Teachers can enter in quizzes for students to take online.
Flubaroo http://www.flubaroo.com	Grade Google forms, compute grades and create detailed spreadsheets for item analysis and other data.
Poll Everywhere http://www.polleverywhere.com	Create and administer polls via computer, tablet, or smart phone for lots of useful data.
Socrative http://www.socrative.com	Use PCs, iPads, iPod Touches, or Smartphones to ask questions, check in, give quizzes or collect exit tickets.
Rubric Makers: Rubistar: http://rubistar.4teachers.org/index.php	Rubrics and Organizers

Thinkport www.thinkport.com	Rubrics and organizers
Curriculum and Other Resources	
Edutopia www.edutopia.org	Numerous media resources to include multi-media, e-teaching resources, digital classroom tools, and real-world examples of strategy and best classroom teaching practices.
Glogster http://edu.glogster.com/?ref=com	Visual social networking with an educational twist.
Technology for Teachers http://www.freotech4teachers.com/2013/07/radcab-website-evaluation-framework-for.html	Free technology and other resources for teachers.
United Streaming www.unitedstreaming.com	Teachers use this to access educational video
Literacy: Reading, Writing	
Fractured Fairy Tales http://www.readwritethink.org/classroom-resources/student-interactives/fractured-fairy-tales-30062.html	Story telling, reading and writing resources
Writingfix www.writingfix.com	Writing resources and lesson plans.
Newsela www.newsela.org	Leveled news articles in law, health, art, science, sports, war & peace, money, and more.
Readworks.org http://www.readworks.org	Lessons, units, reading passages, and more.
Sanchez Class: http://www.sanchezclass.com/reading-graphic-organizers.htm	ELL and second language learner resources for reading
Picture Dictionary http://www.pdictionary.com/	Picture dictionaries for ELLs
www.blachan.com/shahi/	Graphic organizers and printables
E-Type www.etype.com	Free, downloadable software compatible with Word and the web with a translator, dictionary between languages, and a word predictor.
USA Learns: www.usalearns.org	Free multimedia coursework includes a system for speaking, listening, and reading that is appropriate for young adults and adults.
Storyline: http://storyline.com/	McLean Media blends multimedia and technology to tell stories in engaging

	new ways, specializing in products and presentations for museums, publishers, and children of all ages.
STEM Resources	
Gizmos http://www.explorellearning.com	Free-based simulations that offer opportunities for inquiry and exploration of mathematical and scientific concepts.
PebbleGo: www.pebblego.com	Aligned to Next Generation Science Standards! Covers life, physical, earth and space sciences plus technology and engineering!
Micro Observatory Telescope Network http://mo-www.harvard.edu/MicroObservatory/	Students explore the Universe with telescopes they control.
PhET http://phet.colorado.edu/en/simulations/category/new	Interactive simulations have been studied at the University of Colorado where students can learn about physical phenomena.
Virtual Dissection http://www.mhhe.com/biosci/genbio/virtual_labs/BL_16/BL_16.html	
Journey to the Exoplanets http://www.the-exoplanets.com	An application that allows students to explore planets through a space shuttle experience.
Amusement Park Physics http://www.learner.org/interactives/park_physics/	Allows students to see physics principles in action
Lesson Planning	
Edmodo www.edmodo.com	Create online courses, social media, and more. A social networking and learning tool.
Instructional Practice Guide: With a version for lesson planning and one to facilitate informal observation , Annotated Math Tasks Mini-Assessments: These short for grades K-12 can be used to gauge your students' progress with the Common Core.	These tools help teachers and coaches have meaningful conversations about incorporating the Shifts of the Common Core State Standards into the classroom.
Achieve The Core: http://www.achievethecore.org/	Other Achieve The Core teacher resources for teaching to the CCSS with lesson plans, organizers and more.

Teaching Objects http://teachingobjects.net	An online lesson planner that imports materials from Google Drive and YouTube into lesson plans.
Alchemy SmartBinder http://www.alchemylearning.com	A free service for creating, organizing, and sharing lessons where teachers can create lessons with images, videos, audio files, and web links.
Common Curriculum: http://commoncurriculum.com	Realtime, collaborative online lesson planning.
MasteryConnect: http://masterconnect.com	A system for tracking students' mastery of Common Core standards while connecting and collaborating with other colleagues.
Curriculum and Instruction	
Best Evidence: http://www.bestevidence.org/index.cfm	An online encyclopedia
Educreations http://www.educreations.com/	Create video and browse video lessons of your colleagues.
Eyes On the Sky, Feet On the Ground http://he-www.harvard.edu/ECT/the_book/index.html	A collection of online astronomy activities
Enquiring Minds www.enquiringminds.org	Students explore ideas, interests and pursue inquiry-driven experiences
Gliffy http://www.gliffy.com/	Create diagrams, flowcharts, floor plans, technical drawings, and more.
Mindomo http://www.mindomo.com/	Create mind maps to share and collaborate on. This product is fee-based.
New Literacy	
VoiceThread http://www.voicethread.com	This is a multimedia presentation tool that uses images, documents, audio and video for student collaboration – all in one place.
Animoto http://www.animoto.com	This digital storytelling tool allows students to create high quality movies using digital pictures, video and music.
Masher http://www.masher.com	Students can create and combine digital pictures, videos, music clips and text with enhanced, special effects for online publication.
Mr. P's Magic Library www.mrsp.com	Mrs. P. brings classic children's stories to life through activities, games, and teacher resources.

Storybird http://storybird.com	Students create digital storytelling presentations and through story creation.
Story Jumper www.storyjumper.com	Students create digital stories using seven steps, with guidance throughout.
Storyline Online www.storyonline.net	Professional actors read stories aloud to students. Each story includes lesson plans and activities. Sponsored by the Screen Actors Guild.
Visuwords www.visuwords.com	A visual online dictionary and thesaurus that demonstrates relationships among words through mind-map, interactive graphics.
Zooburst www.zooburst.com	A digital storytelling tool where students can create 3D pop-up books.
Readability www.readability.com	Downloadable tool that removes advertising and other clutter from the screen to make digital print easier to read for struggling readers.
Readworks www.readworks.org	Reading comprehension resources.
ReadWriteThink www.readwritethink.org	The International Reading Association's K-12 website that includes lesson plans, professional development, parent and afterschool resources.
Doodle http://doodle.com	A free tool for scheduling group meetings with the input of all group members.
Calendly https://calendly.com	A tool that integrates with your Google Calendar and makes it easy to create appointment slots with just a click or two.
SignUp Genius http://www.signupgenius.com	Creates a simple webpage on which people can sign-up for activities that teachers have specified. Sign-up sheets can be made public or private.
Volunteer Spot http://www.volunteerspot.com	Gives teachers the ability to post calendars and sign-up sheets online.
SignApp Now http://www.signappnow.com	A very simple tool for creating online sign-up forms.
Wiggio https://wiggio.com	A collaboration tool designed to make scheduling group meetings easier.

Other Literacy Resources

Educreations www.educreations.com	Create video and browse video lessons of your colleagues.
Enquiring Minds http://www.enquiringminds.org.uk	Students explore ideas, interests and pursue inquiry-driven experiences.
Gliffy www.gliffy.com	Create diagrams, flowcharts, floor plans, technical drawings, and more.
Mindomo www.mindomo.com	Create mind maps to share and collaborate on. This product is fee-based.
WebQuest.org www.webquest.org	Information and how-to's on WebQuests.

English Language Learners

Seniorita Barragan http://senoritabarragan.com/category/tprs/story-activities/	Better Lesson http://betterlesson.com/
Picture Dictionary http://www.pdictionary.com/	Picture dictionaries for ELLs
Resources Galore http://iris.peabody.vanderbilt.edu/iris-resource-locator/	Wordle http://www.wordle.net
Let's Get Engaged (wikispaces) http://letsgetengaged.wikispaces.com/	Brainbox http://www.brainboxx.co.uk/a3_aspects/pages/vak_quest.htm
Class Tools http://www.classtools.net	Readworks: www.Readworks.org
Eye on Idioms http://www.readwritethink.org/files/resources/interactives/idioms/	Versal: www.versal.com

Apps for iPads

A Handful of Apps to Add to Your iPad, by Richard Byrne at <http://ipadapps4school.com>

Penultimate - A place for hand-written notes on an iPad.

Evernote - The Swiss Army knife of iPad apps. Students can use Evernote for a little bit of everything from bookmarking websites to dictating self-notes. The app will automatically sync with students online Evernote accounts.

Feedly - Takes RSS subscriptions and lays them out in a nice magazine style format that makes it easy to quickly scan headlines and images attached to articles.

Three Ring is a fantastic, free service for digitizing and organizing students' physical work.

Quick Key is an app that turns your iPhone (it also works on iPad) into a bubble sheet scanner using two parts to it that when combined, make it very easy to quickly grade multiple choice and true/false quizzes.

Pinterest for iPad app - A board started for this blog.

Sketch for iPad - An app to quickly edit, create, and or draw on an image

Haiku Deck - An iPad app that enables anyone to create beautiful slide

presentations. Haiku Deck intentionally limits how much text that one can put on each slide. Helps students find Creative Commons licensed images for their presentations. Can also upload images from an iPad or import images from Instagram and Facebook.

[Knowmia Teach iPad app](#) - An excellent app for creating your own whiteboard videos with many other options.