

WEB 2.0



Tool & Resource Guide 2013

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<https://syncingupwiththeikid.wikispaces.com/>



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WEB 2.0 2013



Interconnectedness for everyone!

Web 2.0 is the term that encompasses the growing collection of new and emerging Web-based tools. Many are free and available to everyone. The shift to Web 2.0 tools can have a profound effect on schools and learning, causing a transformation in thinking. These tools promote creativity, collaboration, and communication involving learning methods in which these skills play a part. When students collaborate on a project and present what they've learned, they develop critical thinking and organizational skills.

Educators can take advantage of the features these tools offer and tap into students' natural affinity for these tools in order to create learning experiences that expand their worldview and enhance what they learn. Students can dig deeper to find information that stretches their ability to reason and analyze. Features are interconnectedness, immediacy, interactivity, communications, and community. These are the very features that keep global businesses competitive and workers in jobs. Only by learning in this manner and using these tools, will students be prepared with 21st-century skills.



*From: Solomon and Schrum, **Web 2.0: New Tools, New Schools** (2007) (pp. 13, 21-24).*

*From: Bill Sheskey, **Effective and Challenging Digital Applications for Tech-Savvy Students.**
www.billsheskey.com*



Synching up with the iKid!

21st Century Definitions

1. **SKYPE**- software program that allows users to make video conferencing calls over the Internet.
2. **TWITTER**- free social networking and micro-blogging service that allows users to send "updates" or "tweets" (text-based posts), to the Twitter website via short message service on a cell phone allowing instant messaging on Facebook.
3. **BLOGS**- website usually maintained by an individual with regular entries of commentary, descriptions of events, or other material such as graphics or video.
4. **WIKIS**- collection of web pages designed to enable anyone to contribute or modify content such as the well known Wikipedia.
5. **ITUNES**- digital media player application that allows the user to manage audio and video on a personal computer.
6. **KINDLE**- an electronic book (eBook) device launched by Amazon in 2007.
7. **PODCAST**- series of digital media files which are distributed over the Internet using syndication feeds for playback on portable media players and computers. Enables students and teachers to share information with anyone at anytime. An absent student can download the recorded podcast.
8. **2ND LIFE**- (SL) is an Internet-based virtual world. Residents (Avatars) can explore, meet other Residents, socialize, participate in individual and group activities, have virtual sex, and create and trade items (virtual property) and services from one another.
9. **RSS**- Web feed formats used to publish frequently updated content such as blog entries, news headlines, and podcasts. The RSS reader checks the user's subscribed feeds regularly for new content, downloading any updates and provides a user interface to monitor and read the feeds.
Example- <http://myfox8.com/>
10. **GOOGLE ALERTS**- a service offered by search engine company Google which notifies users by email about the latest web and news pages of their choice. Link found at: <http://www.google.com/alerts>
11. **SOCIAL NETWORKING**- uses software to build online social networks for communities of people who share interests and activities or who are interested in exploring the interests and activities of others.
Examples: MySpace and Facebook.
12. **IM**- Instant Messaging is a form of real-time communication between two or more people based on typed text which is conveyed via computers connected through the Internet.
13. **CRAIGSLIST**- provides local classifieds and forums for jobs, housing, for sale, personals, services, local communities, and events.
14. **FLICKR**- an image/video hosting website, web services suite and online community platform. Popular site to share personal photographs. <http://www.flickr.com/>
15. **PAYPAL**- an e-commerce business allowing payments and money transfers to be made through the Internet. It serves as an electronic alternative to traditional paper methods.
16. **WII**- the fifth home video game console released by Nintendo. A distinguishing feature is the wireless controller which is also a pointing device and detects acceleration in three dimensions.
17. **GEOCACHING**- an outdoor treasure hunting game in which the participants use a GPS receiver or other navigational techniques to hide and seek containers anywhere in the world.
18. **DELICIOUS**- social bookmarking website with the primary use to store bookmarks online which allows access to the same bookmarks from any computer. Writing an article, researching and industry or working on a dissertation? Use this site to keep track of all the online source materials and commentaries. <https://delicious.com/>



The Digital Native's

100 Acronyms Every Educator & Parent Should Know

- | | | | |
|--|--|---|--------------------------------------|
| 1. AEAP - As Early As Possible | 28. OTP - On The Phone | 55. MOS - Mom Over Shoulder | 83. NUB - it stands for a new person |
| 2. 2nite - Tonight | 29. QT - Cutie | 56. NMU - Not Much, You? | 84. OIC - Oh, I See |
| 3. ALAP - As Late As Possible | 30. RN - Right Now | 57. P911 - Parent Alert | 85. OMG - Oh My God |
| 4. AWGHTGTGA - Are We Going To Have To Go Through This Again | 31. ROTFL - Rolling on the Floor Laughing | 58. PAL - Parents Are Listening | 86. OT - Off Topic |
| 5. B4YKI - Before You Know It | 32. RU - Are You...? | 59. PAW - Parents Are Watching | 87. POV - Point Of View |
| 6. BRB - Be Right Back | 33. SITD - Still In The Dark | 60. PIR - Parent In Room | 88. RBTL - Read Between The Lines |
| 7. BRT - Be Right There | 34. SMIM - Send Me an Instant Message | 61. POS - Parent Over Shoulder | 89. SWAK - Sealed With A Kiss |
| 8. CWYL - Chat With You Later | 35. SMEM - Send Me an E-Mail | 62. 2moro - Tomorrow | 90. TFH - Thread From Hell |
| 9. C-P - Sleepy | 36. SO - Significant Other | 63. 2nite - Tonight | 91. THX - Thanks |
| 10. CYT or SYT - See You Tomorrow | 37. SWDYT - So What Do You Think? | 64. BRB - Be Right Back | 92. TLC - Tender Loving Care |
| 11. E123 - Easy as 1, 2, 3 | 38. TOM - Tomorrow | 65. BTW - By The Way | 93. TMI - Too Much Information |
| 12. EM? - Excuse Me? | 39. TTFN - Ta Ta for Now | 66. B4N - Bye For Now | 94. TTYL - Talk To You Later |
| 13. EOD - End Of Day | 40. UR - You Are...? | 67. BCNU - Be Seeing You | 95. TYVM - Thank You Very Much |
| 14. F2F - Face To Face | 41. WFM - Works For Me | 68. BFF - Best Friends Forever | 96. VBG - Very Big Grin |
| 15. FOAF - Friend Of A Friend | 42. WTH - What The Heck | 69. DBEYR - Don't Believe Everything You Read | 97. WEG - Wicked Evil Grin |
| 16. HAK - Hugs And Kisses | 43. WYRN - What's Your Real Name? | 70. FWIW - For What It's Worth | 98. WTF - What The F*** |
| 17. ILU or ILY - I Love You | 44. 143 - I love you | 71. GR8 - Great | 99. WYWH - Wish You Were Here |
| 18. IMNSHO - In My Not So Humble Opinion | 45. 182 - I hate you | 72. ILY - I Love You | 100. XOXO - it means Hugs and Kisses |
| 19. J/C - Just Checking | 46. 459 - it also means I love you | 73. IMHO - In My Humble Opinion | |
| 20. KOTL - Kiss On The Lips | 47. 420 - it refers to marijuana | 74. IRL - In Real Life | |
| 21. L8R - Later | 48. ADR or addy - Address | 75. ISO - In Search Of | |
| 22. LD - Long Distance | 49. ASL - Age/Sex/Location | 76. J/K - Just Kidding | |
| 23. LMK - Let Me Know | 50. CD9 - it means Code 9 = parents are around | 77. L8R - Later | |
| 24. LOL - Laugh Out Loud | 51. GYPO - Get Your Pants Off | 78. LOL - Laughing Out Loud -or- Lots Of Love | |
| 25. NAZ - Name, Address, Zip | 52. KFY - Kiss For You | 79. LYLAS - Love You Like A Sister | |
| 26. N-A-Y-L - In A While | 53. KPC - Keeping Parents Clueless | 80. MHOTY - My Hat's Off To You | |
| 27. NM - Never Mind or Nothing Much | 54. LMIRL - Let's Meet In Real Life | 81. NIMBY - Not In My Back Yard | |
| | | 82. NP - No Problem | |





Popular Education Hashtags

General Education

#Education – General Education
#edchat – General Education
#educhat – General Education
#ntchat – New Teachers
#curriculum – Curriculum
#k12 – K12 Education
#passiondriven – Passion Driven Educators

Education Levels

#earlyed – Early Age Education
#preschool – Preschool
#kedu – Kindergarten Education
#kinderchat – Kindergarten Education
#elemchat – Elementary Grade Educators
#midleved – Middle Grades Education
#highered – Higher Education

Subject Areas

#artsed – Art Education
#arted – Art Education
#engchat – English Education
#mathchat – Math Education
#musedchat – Music Education
#sschat – Social Studies Education
#socialstudies – Social Studies Education
#scichat – Science Education
#langchat – Foreign Language Education
#historyteacher – History Education
#physed – Physical Education

Administrators

#cpchat – Connected Principals
#edadmin – School Administrators

November Learning

#nlearning
#blc13

Issues

#edreform – Education Reform
#ptchat – Parent Teacher Issues
#parenting – Parenting
#bullying – Bullying
#cybersafety – Cyber Safety
#dyslexia – Dyslexia
#adhd – Attention Deficit Hyperactivity Disorder
#infolit – Information Literacy
#literacy – Literacy
#profdev – Professional Development
#commoncore – Common Core Standards
#ccchat – Common Core Standards

Specialty Areas

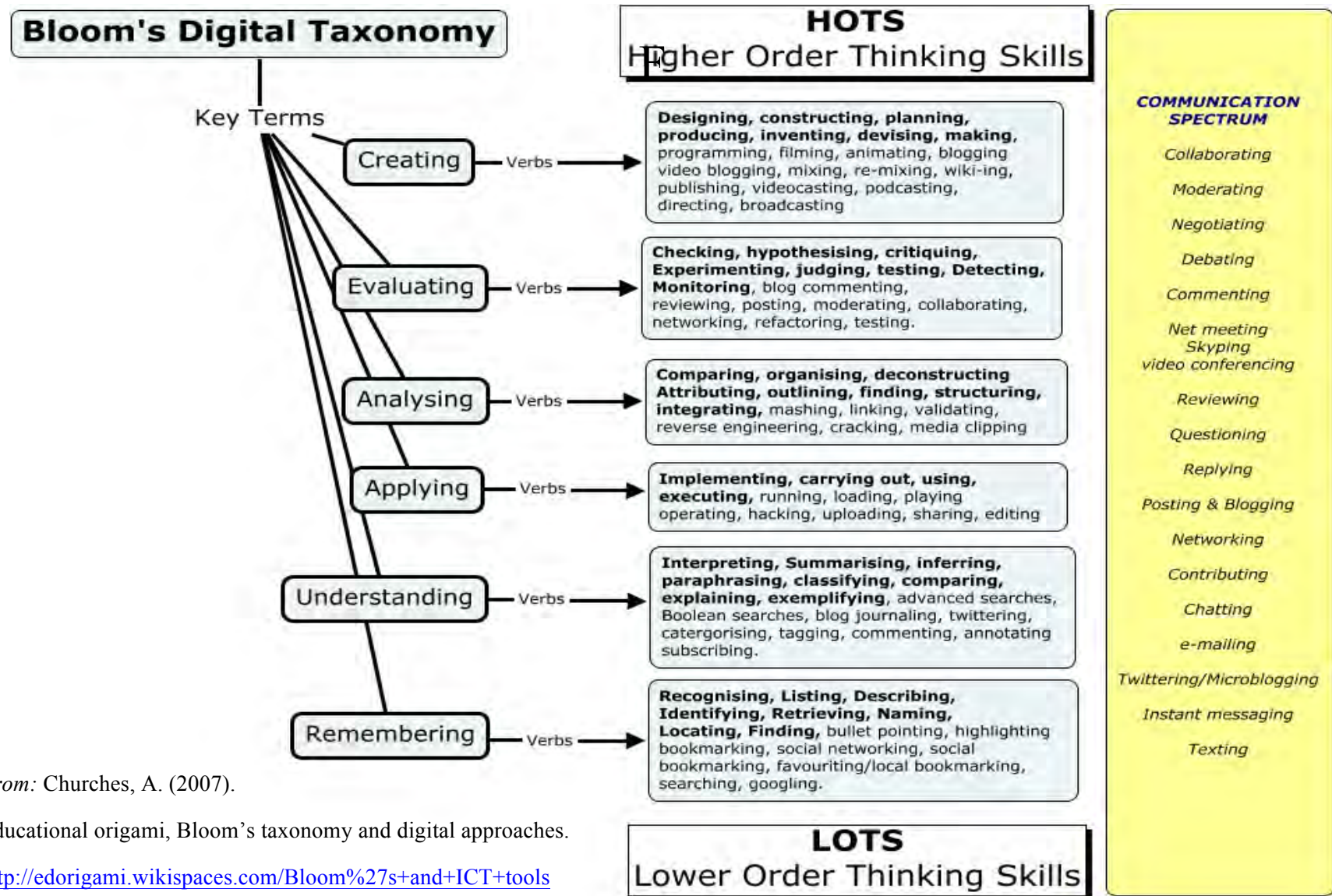
#edtech – Technology in Education
#edapp – iOS Apps in Education
#ipadchat – iPads in Education
#ellchat – ELL Education
#esl – ESL Education

#gtchat – Gifted and Talented Education
#spedchat – Special Education
#sped – Special Education
#isedchat – Independent Schools
#elearning – E-Learning
#librarians – Librarians
#tlchat – Librarians
#library – Librarians
#stem – STEM Education
#flipclass – Flipped Classrooms
#gbl – Game Based Learning
#1to1techat – 1:1 Learning Environments



Mind Map of Bloom's Revised Digital Taxonomy

21st Century Definitions



From: Churches, A. (2007).

Educational origami, Bloom's taxonomy and digital approaches.

<http://edorigami.wikispaces.com/Bloom%27s+and+ICT+tools>

Connecting Tools & Resources



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Chatting, Communicating, Networking

Anymeeting: Host any online meeting, video conference, webinar for free. <http://anymeeting.com/>

Drop Box: Simple online virtual storage utility that allows you to make your files accessible from almost anywhere. <https://www.dropbox.com/>

Edmodo: Designed to get students excited about learning in a familiar environment. Teachers can continue classroom discussions online, give polls to check for student understanding, and award badges to individual students based on performance or behavior. <http://www.edmodo.com/>

Evernote: Tool for students and teachers to capture notes, save research, collaborate on projects, snap photos of whiteboards, record audio, create eportfolios and more. Additions are automatically synced and available on all the computers, phones and tablets you use. <http://evernote.com/schools/>

Facebook: Popular free social networking website that allows registered users to create profiles, upload photos and video, send messages and keep in touch with friends and family. <https://www.facebook.com/>

Hootsuite: Interface used to manage social media services such as Twitter, Facebook, Instagram. <http://hootsuite.com/>

LinkedIn: Social networking website mainly for people in professional occupations. <http://www.linkedin.com/>

Ning: Social networking site where members create a community website with a customized appearance and feel with photos, videos, forums and blogs. <http://www.ning.com/>

Oovoo: A free service that provides instant messaging, phone calling, video messages and video chatting with up to twelve other users. <http://www.oovoo.com/home.aspx>

Producteev: A task management application for teams and individuals.

Easily capture and manage tasks from a desktop. Integrating with email, IM, the web, Gmail, Google Tasks, Google Calendar, etc., users can instantly add and assign tasks, set deadlines and upload files, review and sort tasks, choose how to receive alerts, and generate reports. <http://www.producteev.com/>

Remind 101: A free, safe way for teachers to text message students and stay in touch with parents. <http://remind101.com/>

Simple Meet: Enables you to chat instantly with everyone from your favorite web browser, no account or software to install. Easy to get in touch instantly without having to know each others contact details. <http://www.simplemeet.me/>

Skype: Allows users to make video calls over the Internet free of charge. <http://www.skype.com/en/>

SpeakPipe: Set up a voicemail widget on your website or add the voicemail application to your Facebook page allowing customers and visitors to

leave voice messages from a browser. <https://www.speakpipe.com/>

Tweet Chat: Helps users organize hashtags, or Twitter keyword streams, so that the users' other followers, who are not using the hashtag, are filtered out of the discussion. <http://tweetchat.com/>

Twitter: Free social networking and micro-blogging service allowing users to send "updates" or "tweets" (text-based posts under 25 words) to the Twitter website via short message service on a cell phone allowing instant messaging on Facebook. <https://twitter.com/>

Vocaroo: The premier voice recording service for sending voice messages across the interwebs. <http://vocaroo.com/>

Wikispaces: Space on the Web where you can share work, ideas, pictures and links, videos and media. A visual editor other tools are available to make sharing all kinds of content as easy for students and teachers. <http://www.wikispaces.com/>

Curation Tools & Resources



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Collecting, Storage, Sharing

Capzles: Social networking site for teachers and students allowing you to share “moments” using pictures, video clips, audio tracks and text in a timeline format.

<http://www.capzles.com/>

Delicious: Allows users to research issues and topics, bookmark then share information. Includes RSS feeds to receive requested information.

<https://delicious.com/>

Diigo: Allows users to bookmark and tag webpages, highlight, and attach sticky notes either for private use or to share. <https://www.diigo.com/>

Drop Box: Dropbox is a simple online virtual storage utility that allows you to make your files accessible from almost anywhere.

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

Dushare: A peer-to-peer one click file sharing solution which includes a chat function so you can talk to the person you're transferring the file to while the transfer is in progress. No registration required.

<http://dushare.com/#>

Evernote: Tool for students and teachers to capture notes, save research, collaborate on projects, snap photos of whiteboards, record audio, create eportfolios and more.

Additions are automatically synced and available on all the computers, phones and tablets you use.

<http://evernote.com/schools/>

Flipboard: collects content of social media and other websites and presents it in magazine format. Allows users to "flip" through their social-networking feeds and feeds from websites that have partnered with the company.

<http://flipboard.com/>

Hackasaurus: Makes it easy to mash up and change any web page like magic. You can also create your own webpages to share with your friends, all within your browser.

<http://hackasaurus.org/>

Jog the Web: Web-based tool that allows anyone to create a synchronous guide to a series of web sites. Its step by step approach of taking viewers through web sites allowing the author to annotate and ask guiding questions for each page is unique. <http://www.jogtheweb.com>

Livebinders: Digital 3-ring binder that organizes: webpages, documents, images and video utilizing tabs and subtabs. Helpful as a teaching tool.

<http://www.livebinders.com/>

Pearltrees: A visual and collaborative tool that allows users to collect, organize and share any URL they find online as well as to upload personal photos and notes.

<http://www.pearltrees.com>

Pinterest: Social media site that allows users to “pin” images and videos they find online to a virtual pinboard and share them with others.

<http://pinterest.com/>

Scoop it: Aggregate, curate and bookmark favorite resources from your Twitter, Facebook, or on the web to create a multimedia e-zine.

You get 5 free so you can have students create different ones for different research topics or themes.

<http://www.scoop.it/>

Spaaze: An infinite virtual cork board you can use to do almost everything including storing your bookmark

collection, archiving and note taking.

<http://www.spaaze.com/>

Storify: Users search through multiple social networks from one place and then drag individual elements into stories. Users can re-order the elements and also add text to help give context to the readers.

<http://storify.com/>

Symbaloo: Visual bookmarking application that lets you create multiple tabs for organizing all of your web links.

<http://www.symbaloo.com/>

Voicethread: Interactive collaboration and sharing tool that enables users to add images, documents, and videos, and to which other users can add voice, text, audio file, or video comments.

<http://voicethread.com/>

Wallwisher: Allows students to post thoughts on a common topic using electronic sticky notes on a shared digital wall. Also called *padlet*.

<http://padlet.com/>

Collaboration Tools & Resources



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Creative sharing, Discussion, Polling

AnswerGarden: Easy and powerful way to get feedback from a group. Use it in the classroom as an educational tool or at work as a creative brainstorming tool. Embed it on your website or blog to use it as a poll or guestbook.

<http://answergarden.ch/create/>

Chogger: Free comic strip creation tool offering a good selection of editing tools. Allows you to draw images from scratch or use your existing images.

You can even connect your webcam to capture pictures for use in your comic strips. Add effects such as fading and outlining and customize the look of each frame. <http://chogger.com/>

Create Beautiful Timelines: Learning tool to assist students to collaborate and share information with timelines.

<http://www.tiki-toki.com/>

Drop Box: Dropbox is a simple online virtual storage utility that allows you to make your files accessible from almost anywhere. <https://www.dropbox.com/>

Edmodo: Designed to get students excited about learning in a familiar environment. Teachers can continue classroom discussions online, give polls to check for student understanding, and

award badges to individual students based on performance or behavior.

<http://www.edmodo.com/>

Evernote: Tool for students and teachers to capture notes, save research, collaborate on projects, snap photos of whiteboards, record audio, create eportfolios and more. Additions are automatically synced and available on all the computers, phones and tablets you use. <http://evernote.com/schools/>

Glogster: Create GLOGS (online interactive multimedia posters) with text, photos, videos, graphics, sounds, drawings, data attachments and more with this free global education platform for the creative expression of knowledge and skills in the classroom and beyond. Engage students in fun and creative activities and collaborative class projects within a private and safe student environment.

<http://www.glogster.com/>

Jing: Simple and Free. Enhance fast-paced online conversations. Create images and videos of what you see on your computer screen, then share them instantly via web, email, IM, Twitter or your blog. Some possible uses are: collaboration on a design project, sharing snapshot of a document,

narrating your photos, commenting on students' homework, demonstrating a process or sequence of events, posting tidbits on Twitter or Facebook, and more. <http://www.techsmith.com/jing/>,

Little Bird Tales: Intended for younger students to use to create digital stories. Users upload images, draw images, or record from their webcams. Stories can be written with text or narrated by students using microphones connected to their computers.

<http://littlebirdtales.com>

Mentimeter: Free and easy-to-use tool for interaction with your audience allowing you to use mobile phones or tablets to vote on any question you specify. <http://mentimeter.com/>

Paper: Drawing app with style, fun to use and focused. It's the easiest and most beautiful way to create on iPad. Capture your ideas as sketches, diagrams, illustrations, notes or drawings and share them across the web. Try it free—buy additional tools from the in-App Store.

<http://goo.gl/swXJQ>

Poll Everywhere: Replaces expensive audience response hardware with standard web technology. It's the easiest

way to gather live responses in any venue: conferences, presentations, classrooms, radio, tv, print — anywhere.

<http://www.polleverywhere.com/>

Slideshare: Features a professional and educational community that comments, favorites and downloads content.

Upload documents to share ideas, conduct research, and connect with a global audience. Upload presentations publicly or privately; download presentations on any topic and reuse or remix; embed on blogs, websites, and Blackboard; share on Twitter, Facebook, LinkedIn; embed YouTube videos. <http://www.slideshare.net/>

Voicethread: Interactive collaboration and sharing tool that enables users to add images, documents, and videos, and to which other users can add voice, text, audio file, or video comments.

<http://voicethread.com/>

Wallwisher: Allows students to post thoughts on a common topic using electronic sticky notes on a shared digital wall. Also called **Padlet**.

<http://padlet.com/>

Creative Thinking Tools & Resources



WEB 2.0 2013

Brainstorming, Writing/Drawing

AnswerGarden: Easy and powerful way to get feedback from a group. Use it in the classroom as an educational tool or at work as a creative brainstorming tool. Embed it on your website or blog to use it as a poll or guestbook.

<http://answergarden.ch/create/>

AWW: A web whiteboard that is touch-friendly for your computer or tablet to easily draw sketches, collaborate with others and share.

<http://awwapp.com/>

Chogger: Free comic strip creation tool offering a good selection of editing tools. Allows you to draw images from scratch or use your existing images. You can even connect your webcam to capture pictures for use in your comic strips. Add effects such as fading and outlining and customize the look of each frame. <http://chogger.com/>

Fastfinga 3: Fast, easy handwriting application for iPhone/iPod touch and iPad. Improves your ability to take handwritten notes on the iPad using your finger or a stylus. \$2.99

<https://itunes.apple.com/au/app/fastfinga-3/id444066277?mt=8>

Mindmeister: Brings the concept of mind mapping to the web, using its facilities for real-time collaboration to allow truly global brainstorming sessions. Users can create, manage and share mind maps online and access them anytime, from anywhere. In brainstorming mode, fellow MindMeisters from around the world (or just in different rooms) can simultaneously work on the same mind map and see each other's changes as they happen.

<http://www.mindmeister.com>

Mindomo: Create the best looking mind map online and share it with others. Enjoy mind mapping by brainstorming collaboratively on ideas and projects.

<http://www.mindomo.com/>

Paper: Drawing app with style, fun to use and focused. It's the easiest and most beautiful way to create on iPad. Capture ideas as sketches, diagrams, illustrations, notes or drawings and share them across the web. Try it

free—buy additional tools from the in-App Store. <http://goo.gl/swXJQ>

Penultimate: Solid handwriting app with a custom clutter-free AppleTV display. \$0.99 <http://goo.gl/O12iV>

Popplet: Quick and easy collaborative mind mapping tool. Teachers and students can create graphic organizers, timelines, and many other forms of visual organization on a virtual pinboard. <http://popplet.com/>

Skrbl: Simple and easy online multi user whiteboard. Sketch, text, share files, upload pictures all in one common shared space. No new tools to learn, nothing to download, nothing to install. Brainstorm on the whiteboard to start thinking together, everyone sees the same screen; everybody gets on the same page. There are also team resources for online collaboration. Share resources with your team, co browse the web, annotate shared documents, video phone, Skype calls and share resources. 'Team-skrbl' is the next best thing to being in the same room. <http://www.skrbl.com/>

Splashtop Whiteboard: Turns your iPad and computer into an interactive whiteboard. You can move about freely and have your students interact with the content first hand. \$19.99 <http://goo.gl/dxLN1>

ToonTastic: Allows kids to draw, animate, and narrate their own cartoons and share them with friends & family around the world. <http://launchpadtoys.com/toontastic/>

Wordle: Create artwork from words, properties also allow you to identify key words within a written passage and analyze content. There are unexpected ways to make use of word clouds, classroom teachers already have stepped out in front by identifying all kinds of applications for the classroom that encompass everything from assessment to test review to storytelling. <http://www.wordle.net/>

Presentation & Publishing Tools & Resources



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Tools to Present Your Creations

Anymeeting: Host any online meeting, video conference, webinar for free. <http://anymeeting.com/>

Boom Writer: Turn into a real author by writing your own book chapters. Then vote on other authors' chapters and the winners get published! <http://boomwriter.com/>

iBooks Author: Free amazing app that allows anyone to create beautiful Multi-Touch textbooks and just about any other kind of book for iPad. With galleries, video, interactive diagrams, 3D objects, mathematical expressions, and more, these books bring content to life in ways the printed page never could. <http://www.apple.com/ibooks-author/>

Explain Everything: Easy-to-use yet powerful design, screencasting, and interactive whiteboard tool that lets you annotate, animate, narrate, import, and export almost anything to and from almost anywhere. Offers plenty of options to export your narrated presentations. \$2.99 <http://goo.gl/11ztR>

Glogster: Create GLOGS (online interactive multimedia posters) with text, photos, videos, graphics, sounds,

drawings, data attachments and more with this free global education platform for the creative expression of knowledge and skills in the classroom and beyond. Engage students in fun and creative activities and collaborative class projects within a private and safe student environment. <http://www.glogster.com/>

Ifitt: Service that enables customers to connect channels such as Facebook, Evernote, Weather, Dropbox, with personally created or publicly shared profiles known as "recipes" or triggers. <http://ifttt.com/>

Mail Chimp: Your own personal publishing platform. Design email newsletters, share them on social networks, integrate with services you already use, and track your results. <http://mailchimp.com/>

Nearpod: An all-in-one app solution for the synchronized use of iPads, iPods and iPhones in the classroom with teacher and student versions. <http://www.nearpod.com/>

Paper: Drawing app with style, fun to use and focused. It's the easiest and most beautiful way to create on iPad.

Capture ideas as sketches, diagrams, illustrations, notes or drawings and share them across the web. Try it free—buy additional tools from the in-App Store. <http://goo.gl/swXJQ>

Pen.io: Online publishing tool, designed to be as simple and as easy to use as possible to publish your writing on a beautifully designed page, which you can share with your friends, family, fans and followers. <http://pen.io/>

Present Me: Mobile friendly slide and video presentation program, easy to publish and embed. <http://present.me/>

Prezi: Online Flash-based presentation tool that allows users to either develop structural pathways, or employ a non-structural approach, on a single digital canvas. Images, text, and videos are placed on the canvas and grouped in frames that come in multiple designs; canvas template designs also vary in styles and colors. Users can zoom in and zoom out and the importance of items in the presentation can be determined by the sizing of elements. <http://prezi.com/>

Reflection: Application allows the iPad screen to be projected on any PC or Mac via AirPlay technology. <http://www.reflectionapp.com/>

Slideshare: Features a professional and educational community that comments, favorites and downloads content. Upload documents to share ideas, conduct research, and connect with a global audience. Upload presentations publicly or privately; download presentations on any topic and reuse or remix; embed on blogs, websites, and Blackboard; share on Twitter, Facebook, LinkedIn; embed YouTube videos. <http://www.slideshare.net/>

Smore: Design beautiful online flyers and shows. Embed with your videos and tweets. <http://www.smore.com/>

Splashtop Whiteboard: Turns your iPad and computer into an interactive whiteboard. You can move about freely and have your students interact with the content first hand. \$19.99 <http://goo.gl/dxLN1>

Multimedia Tools & Resources



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Video, Sound, Photos: Creating & Sharing

Air Video: Wirelessly stream almost any video type from your computer to your appleTV iPhone, iPad and iPod touch. \$2.99 <http://goo.gl/UPuQj>

Blabbarize: Very easy application that allows you to speak through a picture. Students can manipulate the picture to say what they want it to say. Teachers have used this resource for quick projects such as having students retell a story, book reviews, explain a math or science process, create biographies. The ideas are endless. <http://blabbarize.com/>

Chogger: Free comic strip creation tool offering a good selection of editing tools. Allows you to draw images from scratch or use your existing images. You can connect your webcam to capture pictures for use in your comic strips. Add effects such as fading and outlining and customize the look of each frame. <http://chogger.com/>

Free Sound: Collaborative database of Creative Commons Licensed sounds. Browse, download and share sounds. <http://www.freesound.org/>

Garage Band: Software application for Mac OS X and iOS that allows users to create music and podcasts. Record and edit a voiceover, add sound effects and jingles, and record interviews. Export the songs to your iTunes library to listen on your iPod, iPhone, or iPad and share them with everyone. <http://www.apple.com/ilife/garageband/>

Glogster: Create GLOGS (online interactive multimedia posters) with text, photos, videos, graphics, sounds, drawings, data attachments and more with this free global education platform for the creative expression of knowledge and skills in the classroom and beyond. Engage students in fun and creative activities and collaborative class projects within a private and safe student environment. <http://www.glogster.com/>

JayCut: Free video editing tool that offers start-to-finish consulting, strategy, design and development services. The online video editor has all the features you would expect to find in a traditional desktop-based video editing tool –remix/trim videos and images; add music, transitions and effects; add captions and

subtitles; automated transcoding; one-click export to YouTube and Facebook; export videos to iPhone, Windows and Mac. <http://jaycut.com/video-editor-demo>

Jelly Cam: Free online stop motion maker that's simple and easy to use offering creative fun yet requires conceptual thinking. It's "undercover learning" - students are so engaged they don't know they're learning. <http://www.jellycam.co.uk/>

Jing: Simple and Free. Enhance your fast-paced online conversations. Create images and videos of what you see on your computer screen, then share them instantly via web, email, IM, Twitter or your blog. Some possible uses are: collaboration on a design project, sharing snapshot of a document, narrating your photos, commenting on students' homework, demonstrating a process or sequence of events, posting tidbits on Twitter or Facebook, and more. <http://www.techsmith.com/jing/>

PhotoSynth: Shoot wraparound panoramas or full synths, share them with friends and publish them. <http://photosynth.net/default.aspx>

Screenr: Web-based screen recorder to create and share your screencasts. <http://www.screenr.com/>

Slide.ly: Instant and easy way to create social videos using favorite photos and music that can be easily and quickly shared on many of the popular social websites. Very simple, works nicely with a simple to use interface. Lots of sharing options. Slideshows can be embedded on class or student blogs. <http://slide.ly/>

ToonTastic: Allows kids to draw, animate, and narrate their own cartoons and share them with friends & family around the world. <http://launchpadtoys.com/toontastic/>

Videolicious: With your phone or tablet, just choose your shots and Videolicious does the rest giving you professional quality video in seconds. <http://videolicious.com/>

YouTube: Free video-sharing website to upload, share, and view videos. You can add text and link your videos to other websites. <http://www.youtube.com/>

Music Tools & Resources



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Listening, Creating & Sharing

Animoog: Professional polyphonic synthesizer application designed exclusively for the iPad. Allows you to move dynamically through an X/Y space of unique timbres to create a constantly evolving and expressive soundscape. Visually captivating and sonically immersive, Animoog brings iPad based music production to the next level. Whether you are new to synthesis or a professional, Animoog's unique user interface gives you the power to easily create a visually vibrant and sonically rich universe. It is the ultimate tool for total creative expression! \$31.99
<https://itunes.apple.com/au/app/animoog/id471638724?mt=8>

Aweditorium: Free. Delivers big, bright, beautiful music to iPad. A simple pleasure to use.
<https://itunes.apple.com/us/app/aweditorium/id399946763?mt=8>

DMI: The Drum Machine app turns your iPad or iPhone into a fun and creative beat making machine. Easy and fast to use, loaded with 86 superb electronic drum kits and beautiful hyper-realistic graphics. \$6.99
<https://itunes.apple.com/us/app/dm1->

the-drum-machine/id431573951?mt=8&ign-upt=uo%3D4

Garage Band: Software application for Mac OS X and iOS that allows users to create music and podcasts. Record and edit a voiceover, add sound effects and jingles, and record interviews. Export the songs to your iTunes library to listen on your iPod, iPhone, or iPad and share them with everyone.
<http://www.apple.com/ilife/garageband/>

Incredibox: Fun site to create your own beatbox music tracks using a virtual human beatbox. Very simple to use, just drag the different sound icons onto each person to play each loop. <http://www.incredibox.com>

iRig Mic: The first handheld, quality condenser microphone for iPhone, iPod touch and iPad designed for all of your mobile sound needs. Now you can make professional audio and vocal recordings anywhere on your iOS device. Vocalive program and recorder included. \$59.99
<http://www.ikmultimedia.com/products/irigmic/>

Pianist Pro App: A virtual piano for the iPad. It comes with 16 different instruments, an arpeggiator, a drum machine and on-board effects. Virtual instruments range from drums to synths and more. You also get a sustain pedal and velocity based key striking to give your creations some realism. \$9.99
<http://moocowmusic.com/PianistPro/index.html>

PreSonus SL Remote: The free SL Remote can connect to any StudioLive mixer over a wireless network. Conversely, multiple iPads running SL Remote can simultaneously control the same StudioLive mixer and you still have Virtual StudioLive (VSL), QMix, and hardware control.
<https://itunes.apple.com/us/app/presonus-sl-remote/id417052667?mt=8>

Rock Our World: Connects students and teachers to collaborate in composing original music, making movies, and meeting each other in live video chats. Using Apple's *GarageBand*, each country creates a 30 second drum beat. Every Friday, that drum rotates to another country, where the bass guitar is added. It

keeps getting passed along, from country to country. At each stop, one more instrument is added. When it comes back to the original country, it has touched students from all over the world! While the music is moving, students are meeting each other in live video chats to discuss various topics of curriculum.
<http://www.rockourworld.org/>

SPL Meter: This free app is the most accurate Sound Level Pressure Meter for iPhone 3GS, 4 and 4S. Find out how loud the noise is!
<https://itunes.apple.com/us/app/the-real-spl-meter/id532896702?mt=8>

Wavosaur: Free sound editor, audio editor, wav editor software for editing, processing and recording sounds, wav and mp3 files. Has all the features to edit audio (cut, copy, paste, etc.) produce music loops, analyze, record, batch convert. Supports VST plugins, ASIO driver, multichannel wav files, and real time effect processing.
<http://www.wavosaur.com/tutorial.php>

Browsers, Safety, Programming Tools & Resources



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Child-Friendly Discovery

Child-Friendly Search Engines

Kid Zui: Easy kids' browser for millions of kid's websites, online games, videos, and pictures.
<http://www.kidzui.com/>

Dib Dab Doo and DillyToo:
<http://www.dibdabdo.com/>

Kids Click: <http://kidsclick.org/>

Kid Cyber:
<http://www.kidcyber.com.au/>

Sweet Search 4 Me (text heavy):
<http://4me.sweetsearch.com/>

Specialized Search Engines

Atlapedia: <http://www.atlapedia.com/>

ESpecies Fact Sheets:
<http://www.kidsplanet.org/factsheets/map.html>

National Geographic Kids:
<http://kids.nationalgeographic.com/kids/places/find/>

Social Studies for Kids:
<http://www.socialstudiesforkids.com/>

Time For Kids:
<http://www.timeforkids.com/>

Homework/Study Help

Course Hero: Study helps for high school and college students.
<http://www.coursehero.com/>

Hippo Campus: Multimedia instruction on the web to assist with research and homework.
<http://www.hippocampus.org/>

Math Train: An educational "kids teaching kids" project from Mr. Marcos & his Students at Lincoln Middle School in Santa Monica, CA.
<http://mathtrain.tv/>

Paper Rater: Free resource, developed and maintained by linguistics professionals and graduate students to help students improve their writing including grammar and spelling checker, proofreading and vocabulary builder tools.
<http://www.paperrater.com>

Study Blue: Online studying platform for high school and college students allowing users to upload class study materials, create electronic flashcards to study and share with others, practice quizzes, and more.
<http://www.studyblue.com/>

Vocabulary Tools

Merriam Webster Visual Dictionary:
<http://visual.merriam-webster.com/index.php>

Simple Photographic Dictionary:
<http://photographicdictionary.com/>

Word Central:
<http://www.wordcentral.com/>

Wordsmyth:
<http://www.wordsmyth.net/>

BlockSite (Addon) Firefox: Allows you to maintain a blacklist of sites you want to block for surfing.
<https://addons.mozilla.org/en-US/firefox/addon/blocksite/>

Class Dojo: Classroom tool helps teachers improve behavior in their classrooms quickly and easily. Also captures and generates data on behavior that teachers can share with parents and administrators.
<http://www.classdojo.com/>

Desktop QR Code Reader: QR:Quick Response readable bar code. Great way to share information like websites and contact info using your camera

equipped device and QR code processing app.
<http://www.dansl.net/blog/?p=256>

Google Blockly: Web-based, graphical programming language. Users drag blocks together to build an application. No typing required which makes this a great introduction to programming as well as the concept of cause and effect.
www.code.google.com/p/blockly

Gooru Learning: Search engine for all sorts of knowledge providing different categories for its results with every search. <http://www.goorulearning.org/>

Ifttt: Service that enables customers to connect channels such as Facebook, Evernote, Weather, Dropbox, with personally created or publicly shared profiles known as "recipes" or triggers.
<http://ifttt.com/>

Scribble: Tool to read, research and share the web. <http://www.scribble.com/>

QR Stuff: Generate your own QR Codes. <http://www.qrstuff.com/>

QR Voice: Generate your own QR Codes for voice message.
<http://qrvoice.net/>

Classroom Teaching Tools & Resources



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Creating Curriculum

Comprehensive Resource Websites

EduTecher: Explore resources by subject and grade level; share information on site, twitter and facebook; contribute information through links, forums and blog posts. www.edutecher.net

Merlot: Free and open online community of resources designed primarily for faculty, staff and students to share learning materials and pedagogy. Leading edge, user-centered, collection of peer reviewed higher education, online learning materials. <http://www.merlot.org/>

ReadWriteThink: Provides educators, parents, and afterschool professionals access to the highest quality practices in reading and language arts instruction by offering the very best in free materials. <http://www.readwritethink.org/>

Create Beautiful Timelines: Learning tool to assist students to collaborate and share information with timelines. <http://www.tiki-toki.com/>

Docs Teach: Online tool for teaching with documents from the *National Archives* including thousands of sources

and learning activities.

<http://docsteach.org/>

Duolingo: Free language education for the world. <http://duolingo.com/>

Flubaroo: Grading made easy. Create online assignments. Grade assignments in a single step. Get reporting and analysis on student performance. Email students their scores.

<http://www.flubaroo.com/>

ISTE-Music Information: High-energy Internet TV show for K-12 educators, parents and students to inspire creativity and innovation in education. Features a classroom teacher as its host, engaging educators as "Field Trip" correspondents and amazing innovators as guests. www.infinitethinking.org

Jeopardy Labs: Create your own Jeopardy Game template online- does not use PowerPoint.

<http://jeopardylabs.com/>

MapFab: Excellent free map creation tool built on top of Google Maps. Offers a few advantages over Google Maps, but the most notable advantage is that you do not have to create an account in order to create your custom maps.

<http://www.mapfab.com/editor/new>

Math Train: An educational "kids teaching kids" project from Mr.

Marcos & his Students at Lincoln Middle School in Santa Monica, CA.

<http://mathtrain.tv/>

Natural Reader: Free download. Text-to-speech software with natural sounding voices. Easy-to-use software can read to you any text such as Microsoft Word files, webpages, PDF files, and E-mails. Converts any written text into audio files such as MP3 or WAV.

<http://www.naturalreaders.com/download.htm>

NBC Learn K-12: Thousands of historic videos, current events, and original resources available to K-12 teachers and students, all aligned to state standards and mapped to curriculum.

<http://www.nbclearn.com/portal/site/learn/k-12>

Ptable: Interactive Periodic Table.

<http://ptable.com/>

Socrative: A smart student response system that empowers teachers by engaging their classrooms with a series

of educational exercises and games. Super simple and take seconds to login. Runs on tablets, smartphones, and laptops. <http://www.socrative.com/>

Side Vibe: A simple way to place simple, formative classroom lessons over any web page. Works with whiteboards and other web tools.

<http://www.sidevibe.com/>

Spelling City: Provides resources for teaching spelling, vocabulary and math.

<http://www.spellingcity.com/>

Star Fall: Free public service to teach children to read with phonics.

<http://www.starfall.com/>

Sumdog: Fun multiplayer games for grades K-8, designed to improve math fact fluency with teacher and parent links. <http://www.sumdog.com/>

Useful Charts: Teaching charts for study and reference. Small fee.

<http://usefulcharts.com/>

World Org: Educates about a wide variety of environmental topics including preservation, organic farming nutrition, renewal energy, animal rescue and much more.

<http://www.world.org/weo/mission>

Using iPads in the Classroom



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In 2010, the iPad was released by Apple Inc. which focused on usability and simplicity, proved to be more cost-effective and formed the commercial market for tablet computers. With Apple's iPhone, the stage was already set to multitouch finger-sensitive touchscreen interface of iOS mobile operating system which the iPad benefits.



Today, more and more schools are focusing on the value added by Apple's iPad. Not only is this device ready for operation instantaneously but it is very light and mobile for all students. Further, a myriad of learning applications and ways to transfer subject matters are provided on and through such devices. A variety of skills for all subjects, such as listening, reading and reasoning skills can be promoted through a range of activities and applications.

(Huber, Sabrina. 2012. *iPads in the Classroom*. pp. 1,8. <http://13t.eu/itug/images/band2.pdf>)

iPad Resource Websites

Educational Technology and Mobile Learning:

A resource of educational web tools and mobile apps for teachers and educators including numerous free ebooks from research to practical classroom uses.

<http://www.educatorstechnology.com/>

InterAction Education: Comprehensive resource site for using iPads in education including links to many other sites.

<http://www.interactioneducation.com/ipadsineducation.html>

iPads in Schools- Livebinder: A wealth of information for educators and administrators including lesson plans, hardware instructions, numerous lists of apps and much more.

<http://www.livebinders.com/play/play/26195>

iPads in the Classroom: Comprehensive collection of resources about how to set-up, use, and get the most out of iPads in the classroom.

<http://www.schrockguide.net/ipads-in-the-classroom.html>

Mobile Learning is for Everyone: Free advice, help and information about mobile-learning including pedagogy and research of mobile learning. <http://www.m-learning.org/>

Using Apple's Volume Purchasing Plan to Purchase iPad Apps:

<https://sites.google.com/site/ipadvpp/>

iBallz: Revolutionary case with 360° drop protection. <http://www.iballz.info/>

PowerSync Cart for iPad:

<http://apple.bretford.com/products/powersynccart>

Using iPads in the Classroom



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Grade Levels and Standards-based Website and App Lists

Websites and Apps that Support Differentiated Instruction

List includes descriptions of websites and apps, subject categories, content areas, grade levels, and suggestions for differentiated instructions.

[Websites and Apps that Support Differentiated Instruction](#)

Standards-based iPad2 Applications

Each grade level specific list includes standard, rationale for choice, and user rating.

Grades PreK - 1

[Grades PreK - 1 20 iPad2 Apps](#)

Grades 2 - 5

[Grades 2 - 5 iPad2 Apps](#)

Special Apps for Grades K - 6

[Special Apps for Grades K - 6 20 iPad2 Apps](#)

Middle School Students

[Middle School Students iPad2 Apps](#)

High School Students

[High School Students iPad2 Apps](#)

Adult Learners

[Adult Learners iPad2 Apps](#)

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