

Web 2.0 Tools and Resources for teaching 21st Century Skills



All 21st Century Skills

Common Craft 3-minute Tutorials on
Technology *In Plain English*:

[Augmented Reality](#)
[Blogs](#)
[Cloud Computing](#)
[Computer Hardware](#)
[Computer Software](#)
[Online Photo Sharing](#)
[Phishing Scams](#)
[Podcasting](#)
[Protecting Reputations Online](#)
[RSS](#)
[Secure Passwords](#)
[Secure Websites](#)
[Social Bookmarking](#)
[Social Media](#)
[Social Networking](#)
[Twitter](#)
[Twitter Search](#)
[Web Search Strategies](#)
[Wikipedia](#)
[Wikis](#)

[Digital Nation](#)

PBS/Frontline's video content, look at the
LEARNING tab selections

[Digital Tool Box](#)

from Technology Integration Classrooms
wikispace

[Edutopia](#)

What Works in Education (The George Lucas
Educational Foundation) Lots of video
resources.



Google Workshop for Educators

<http://sites.google.com/site/cuegli/events/2010-02-05>

Google Docs:

<http://sites.google.com/site/cuegli/events/2010-02-05/docs>

Google Search:

<http://sites.google.com/site/cuegli/events/2010-02-05/search>

Google Maps:

<http://sites.google.com/site/cuegli/events/2010-02-05/maps>

Google Sites:

<http://sites.google.com/site/cuegli/events/2010-02-05/sites>

Other Links

Google Apps for Education:

<http://www.google.com/a/help/intl/en/edu/index.html>

More Google Products:

<http://www.google.com/intl/en/options/>
<http://www.freetech4teachers.com/p/google-tools-tutorials.html>

<http://googledocs.blogspot.com/>

[Google for Teachers](#)

[Google for Teachers II](#)

[29 Secrets of Google in the Classroom](#)

[The Power User's Guide to Google Apps](#)

[7 things you should know about Google Apps](#)

[Google Cheat Sheet](#)



iPodderry

Personal blogs/websites

<http://learninginhand.com/>
http://web.me.com/jenashby/iPodTouch_Project/iPodTouch_Project.html
<http://intouchschool.org/index.html>
<http://theipodderry.com/>
<http://johnjohnston.info/blog/archive/2010/09/04/ipod-touch-ideas>
<http://www.iear.org/>
<http://mlearnopedia.blogspot.com/2009/05/ipods-in-classroom.html>
<http://www.dontwasteyourtime.co.uk/mlearning/mlearning-tricks-to-using-the-ipod-touch-in-class/>
<http://sites.google.com/a/ccsd15.net/ipodtouch/>
<http://ulearning.edublogs.org/2009/11/05/ilearn-personalised-learning-project-journal-3/>
<http://cc.mlearnopedia.com/2009/classroom/ipod-touch/>
<http://wirededucator.wordpress.com/2008/07/25/an-ipod-touch-in-every-classroom-yes-with-education-focused-apps/>
http://projects.minot.k12.nd.us/groups/chriss/weblog/5ce29/Why_an_iPod_Touch_in_education_.html

<https://sites.google.com/site/learningcontinuity/with-ipod-touches>
<http://adventurousedtech.blogspot.com/2010/03/ipod-touch-in-classroom-list-of.html>

Join a community with other teachers using the iPod Touch

<http://ipodtouchclassroom.ning.com/>
<http://ipodtouch-misd.ning.com/>
<http://www.iste-community.org/forum/topics/ipod-touch-middle-school-pilot>
<http://www.classroom20.com/forum/topics/ipod-touch-schoolwide>

In the News

http://www.associatedcontent.com/article/230656/using_ipods_in_the_classroom_promotes.html?cat=4
<http://www.schoolcio.com/ShowArticle/1014>
http://www.twincities.com/ci_14045406?nclick_check=1
<http://www.youtube.com/watch?v=UplZVyPS-bo>
<http://www.apple.com/education/stories/escondido/>
<http://www.scrippsnews.com/content/school-offers-kids-ipod-touch-improve-math-scores>
<http://www.principalspartnership.com/iPods.pdf>

Videos/Demos

<http://vimeo.com/7904069>
<http://www.youtube.com/watch?v=uwaiZ2I6gDQ>
<http://www.youtube.com/watch?v=WuDk1AxGmY>
<http://www.youtube.com/watch?v=vXaS7VWalus>
<http://www.speedofcreativity.org/2009/09/23/individualized-assessment-on-an-ipod-touch-using-google-docs-via-gwhiz-mla/>
http://www.writingfix.com/ipod_prompts.htm

[International Society for Technology in Education \(ISTE\)](#)



iTunes and iTunes U

<http://www.apple.com/itunes/what-is/>
<http://www.apple.com/itunes/download/>
<http://www.apple.com/education/itunes-u/>
<http://www.edutopia.org/itunes-u-professional-development>
<http://www.speedofcreativity.org/2010/08/09/s-ubscribe-to-classroom-2-0-live-sessions-in-itunesu/>
<http://electriceducator.blogspot.com/2009/06/m-i-learning-portal-on-itunesu-k-12.html>
<http://vapaeusd.wikispaces.com/file/view/K-12+iTunes+U+Content.pdf>
[Link to iTunes U K-12](#)
[Edutopia on iTunes U](#)

[BEYOND CAMPUS](#)

[iWork Tutorials](#)

Learn more about how to use Pages, Numbers, and Keynote

[MS Office Tutorials](#)

Learn more about how to use Word, Excel, and Power Point

[Route 21](#)

The Partnership for 21st Century Skills is pleased to offer Route 21, a one-stop-shop for 21st century skills-related information, resources and community tools. *A little difficult to navigate the site, but it has great resources once you can find them!*

[The Partnership for 21st Century Skills](#)

Nevada is a partner!

[Thinkfinity](#)

AWESOME website! Tons of resources.

Creativity and Innovation

[Amazing Web 2.0 Projects](#)

Teacher created, all age levels, 121 pages

[Animoto](#)

Automatically produces beautifully orchestrated, completely unique video pieces from your photos, video clips and music. Fast, free and shockingly easy.

[Digital Media Creation](#)

Sixteen Lessons, from Storyboarding to Producing a Documentary (Apple)

[Digital Storytelling](#)

When the ancient tradition of storytelling meets the digital age, learning blossoms. (Microsoft Products)

[GoAnimate](#)

GoAnimate is the easiest way to make animations exactly the way you want.

[Glogster](#)

GLOGS - online multimedia posters - with text, photos, videos, graphics, sounds, drawings, data attachments and more.

[iLife Tutorials](#)

iPhoto, iMovie, Garageband, iWeb, and iDVD

[Kerpoof](#)

Kerpoof's multimedia software is used by kids worldwide to create original artwork, animated movies, stories, greeting cards and more.

[Making Videos on the Web: A Guide for Teachers](#)

from Free Technology for Teachers

[Museum Box](#)

This site provides the tools for you to build up an argument or description of an event, person or historical period by placing items in a virtual box.

[PB Works/Wiki](#)

Bring your classroom into the 21st century by encouraging critical thinking and real world communication. With an online workspace, students are engaged outside the classroom, parents remain involved, and school resources are always accessible.

[PBS Kids Design Squad](#)

The Design Squad Web site extends the concepts presented on the show and provides viewers with an opportunity to explore content through the lens of "engineering as problem-solving using science, math, and technology."

[Photo Sharing](#)

<http://www.commoncraft.com/photosharing>
<http://picasa.google.com/>
<http://www.flickr.com/>
<http://photobucket.com/>
<http://www.smugmug.com/>

[Podcasting for Teachers and Students by Tony Vincent](#)

This booklet explores the possibilities of podcasting in schools. First, learn to sample dozens of podcasts to know what's already out there and what can be used in classrooms.

[Tagul](#)

A little more interactive than WORDLE

[Tagxedo](#)

Tagxedo turns words -- famous speeches, news articles, slogans and themes, even your love letters -- into a visually stunning tag cloud, words individually sized appropriately to highlight the frequencies of occurrence within the body of text.

[What is Second Life?](#)

A virtual world for playing and learning.

[Wordle](#)

Wordle is a toy for generating "word clouds" from text that you provide.

Communication and Collaboration

[Blogging](#)

Web+Log=Weblog (Blog for short)

Blog basics guide:

www.teachersfirst.com/content/blog/blogbasics.cfm

Math:

<http://mathgoodies.blogspot.com/>

Science:

<http://missbakersbiologyclass.com/blog/>

Social Studies:

<http://historytech.wordpress.com/>

English:

<http://blogucation.edublogs.org/> and
<http://twowritingteachers.wordpress.com/>

Student created:

<http://civilwarsallie.blogspot.com/>

Resource sharing:

<http://www.freetech4teachers.com/>

Google Search for Blogs (search for your topic and under *Show Options*, select *Blogs*)

Blog Sites: [Edublogs](#) [Blogger](#)
[WordPress](#) [WikiSpaces](#)

[Collaborative Online Projects](#)

Great website with links to MANY projects online.

[Digital Storytelling](#)

When the ancient tradition of storytelling meets the digital age, learning blossoms. (Microsoft Products)

[Edmodo](#)

Edmodo is a social learning network for teachers, students, schools and districts.

[ePals: World's Largest K-12 Learning Network!](#)

ePals is the leading provider of safe collaborative technology for schools to connect and learn in a protected, project-based learning network.

[Jing](#)

A free and easy way to capture instant screenshots and create screencasts (recordings of what you do on your computer). Great for tutorials.

[Ning for Education](#)

An online service to create, customize, and share a private social network.

[PB Works/Wiki](#)

Bring your classroom into the 21st century by encouraging critical thinking and real world communication. With an online workspace, students are engaged outside the classroom, parents remain involved, and school resources are always accessible.

[Prezi](#)

Create astonishing presentations live and on the web!

[Skype](#)

Talk face-to-face with friends, family and colleagues. Share a smile, blow a kiss, explain an idea or just gaze longingly – free video calls with Skype are the next best thing to being there.

[Skype in the Classroom](#)

[Get started with Skype](#)

[Slideshare](#)

SlideShare is the best way to share presentations, documents and professional videos.

[Social Bookmarking](#)

Share your favorite websites!

<http://www.commoncraft.com/bookmarking-plain-english>

http://en.wikipedia.org/wiki/Social_bookmarking

<http://www.alltipsandtricks.com/top-10-social-bookmarking-tools-for-educators/>

http://www.educationworld.com/a_tech/sites/sites080.shtml

[Diigo Tutorial](#)

[Teacher Tube](#)

A site to provide anytime, anywhere professional development with teachers teaching teachers.

[Twitter](#)

Twitter is a real-time information network powered by people all around the world that lets you share and discover what's happening now.



Links compiled by Leslie Doukas, WCSD.

About Twitter

[100 Tips, Apps, and Resources for Teachers on Twitter](#)

[50 things to avoid when you tweet](#)

[Clif's Notes on Twitter in Education](#)

[How to Twitter: A Beginner's Guide](#)

[Stupidest Thing You've Ever Heard Of](#)

[Twitter in Plain English](#)

[Twitter Set Theory & The Wisdom of the Group](#)

[Where is Twitter?](#)

Twitter Apps

[19 Twitter Desktop Apps Compared](#)

[99 Essential Twitter Tools And](#)

[Applications](#)

[Top 21 Twitter Applications \(according to Compete\)](#)

[Twitter Logo Map](#)

[Twitter Applications List You'll Ever Need](#)

[Twitter/Downloads](#)

[Twitterholic](#)

[Twittervision](#)

[Who Should I Follow?](#)

Twitter for Teachers

[10 Things Teachers Should Know to Get Started with Twitter](#)
[27 Interesting Ways to Use Twitter in the Classroom](#)
[30 Twitter Tips for Teachers](#)
[50 Terrific Twitter Tutorials for Teachers](#)
[A Teacher's Guide to Twitter](#)
[Cybraryman On Twitter](#)
[K-3 Teachers Guide to Twitter](#)
[Nine great reasons why teachers should use Twitter](#)
[Seven Ways to Find Teachers on Twitter](#)
[Teachers Take to Twitter](#)
[Twitter for Teachers](#)
[Twitter for Teachers Presentation](#)
[Twitter Handbook for Teachers](#)
[Twitter Help for Teachers](#)
[Twitter Tutorial for Teachers](#)
[Twitter, Teachers and the Tool.](#)
[Twitter4Teachers Wiki!](#)
[Using TWITTER in Education](#)

Twitter Groups

[30+ More Ways to Create Twitter Groups](#)
[HOW TO: Create Groups for Twitter](#)
[Twitter Groups - Edugloggers](#)
[Twitter Groups - Teachers](#)

Using Twitter

[Directory of Learning Professionals Online](#)
[Educators on Twitter](#)
[Local tweeps](#)
[TwitterKeys](#)

[VoiceThread](#)

With VoiceThread, group conversations are collected and shared in one place from anywhere in the world.

[VoiceThread Digital Library](#)

The Digital Library is a database of articles about successful VoiceThread projects.

[Wall Wisher](#)

An online notice board maker.

[You Tube](#)

YouTube is the world's most popular online video community, allowing millions of people to discover, watch and share originally-created videos.

[Zooburst Digital 3D Books](#)

A digital storytelling tool that lets anyone easily create his or her own 3D pop-up books.

Research and Information Fluency/Literacy

[21st Century Information Fluency](#)

Great website of resources from the Missouri Distance Learning Association.

[Beyond Google: Internet Searching Strategies](#)

15 tools and strategies for helping students and your colleagues explore the web beyond the first two pages of Google results.

[Big6](#)

An information and technology literacy model and curriculum, implemented in thousands of schools.

[ePals: World's Largest K-12 Learning Network!](#)

ePals is the leading provider of safe collaborative technology for schools to connect and learn in a protected, project-based learning network.

[Information Skills Instruction](#)

List of resources for teaching information skills.

[Internet Detective](#)

A free online tutorial that will help you develop Internet research skills.

This list of resources was compiled by Sara Stewart of CCSD and Terra Graves of WCSD for the Nevada Pathway Project, 2009-2011. <http://cpdmoodle.ccsd.net/pathway>

[Kathy Schrock's Critical Evaluation](#)

A series of evaluation surveys teachers can use to help students critically evaluate a Web page for authenticity, applicability, authorship, bias, and usability.

[Media and Information Literacy](#)

from Web English Teacher

[Mini-Modules on Information Literacy](#)

Self-paced lessons and quizzes.

[Library of Congress](#)

Earn a certificate of completion by taking the Library's self-paced interactive modules. Each multimedia-rich program delivers approximately one hour of staff development.

[LiveBinders](#)

LiveBinders is your 3-ring binder for the Web
* Collect your resources * Organize them neatly and easily * Present them with pride

Critical Thinking, Problem Solving, and Decision Making

[Big Picture Small World](#)

The last few years have seen the blossoming of real world computer games that allow players to learn about important global issues. Here are a bunch of them.

[Critical Thinking Resources](#)

from Edward J. Sass Ed.D., CSBSJU

[Debate Graph](#)

Debategraph helps groups collaborate in thinking through complex issues by building and sharing interactive maps of domains of knowledge from multiple perspectives.

[Decision-making/reasoning skills](#)

Building Partnerships for Youth

[ExploraTree](#)

Exploratree is a free web resource where you can access a library of ready-made interactive thinking guides, print them, edit them or make your own. You can share them and work on them in groups too.

[Gapminder](#)

Unveiling the beauty of statistics for a fact based world view.

[SCAN Activity: Cell Phone Controversy](#)

Critical Thinking Activities from www.YourTake.org (You can try it for free.)

[Webspiration](#)

Combine the Power of Visual Thinking and Outlining to Enhance Thinking, Learning and Collaboration.

[WebQuests](#)

A great way to provide a structured investigation of a concept/theme for your students.

http://www.educationworld.com/a_tech/tech/tech011.shtml

http://www.teach-nology.com/teachers/lesson_plans/computing/web_questions/

<http://teachersfirst.org/summer/webquest/quest-a.shtml>

<http://webquest.org/index.php>

http://www.webquestdirect.com.au/whatis_articles2.asp

<http://projects.edtech.sandi.net/staffdev/buildingblocks/p-index.htm>

Digital Citizenship/Media Literacy

[Copyright for Educators](#)

from Free Technology for Teachers

[Cyber Smart!](#)

Resources to create an integrated K-12 Digital Literacy and Citizenship curriculum.

[Explore Resources for Digital Citizenship](#)

from ISTE

[From the Creative Minds of 21st Century Librarians](#)

Free 275 page eBook with TONS of resources.

[Media and Information Literacy](#)

from Web English Teacher

[Professor Garfield](#)

Internet Safety and You

[Teaching with New Media](#)

from Edutopia

[Web License for Kids](#)

Mini Test for Internet from PBS Kids

Technology Operations and Concepts/ICT Literacy

[ICT Digital Literacy Resources](#)

from Information and Communication Technologies

[Ideas to Inspire](#)

The presentations on this site were originally inspired by Tom Barrett's 'Interesting Ways' presentations. These Google Docs presentations were created by Tom, with lots of contributions from the fantastic teachers who read his blog...

[P21 ICT Literacy Maps](#)

These maps provide ideas for all content areas for integration of ICT Literacy.

[Technology Operations and Concepts](#)

from Empower Students wikispace

[UStream](#)

Broadcast video LIVE to the world from a computer, mobile or iPhone in minutes, or watch thousands of shows from News to Entertainment to celebrities, 24/7.

<http://www.ustream.tv/about>

<http://net.educause.edu/ir/library/pdf/ELI7042.pdf>

<http://classroomnext.blogspot.com/2008/11/istream-westream-we-all-scream-for.html>

<http://www.ustream.tv/>

<http://blogs.ket.org/mediaworks/?p=737>

Life and Career Skills

All Terrain Brain

All Terrain Brain (ATB) is a multimedia project designed to get 8-12 year old kids to take their brains “off road” and tap into their entrepreneurial spirits.

Doodle

The world’s leading online scheduling service, Doodle takes the pain out of finding the right date and time for a group of people to meet and makes scheduling virtually effortless. The basic service is a free online coordination tool...

Evernote

Remember Everything.

Leadership Activities for Middle School Students

from Buzzle.com

Resources for Productivity

from LifeDev

Resources for Self-Direction

from NCREL

Resources for Social and Cross-Cultural Skills

from P21

Student Leadership

from Ken Blanchard

Technology Inspires Self-Directed Learning

You Tube video

More Resources for Integrating 21st Century Skills

The TPACK Model

<http://site.ace.org/conf/archive/2008/mishra-keynote-08.mov>

<http://msad75mltnews.podbean.com/2009/08/28/understanding-tpck/#>

<http://www.classroom20.com/forum/topics/tpack-a-framework-for?commentId=649749%3AComment%3A310877>

<http://punya.educ.msu.edu/>

<http://mkoehler.educ.msu.edu/>

<http://activitytypes.wmwikis.net/file/view/HarrisHofer-TPACKActivityTypes.pdf>

<http://activitytypes.wmwikis.net/file/view/HarrisHofer-TPACKActivityTypes.pdf>

<http://punya.educ.msu.edu/publications/mishra-koehler-l&l-2009.pdf>

<http://activitytypes.wmwikis.net/>

[The TPACK Game](#)

The 21st Century Skills Framework

from P21

NETS-S from ISTE

21st Century Skills Maps

from P21

[http://www.21stcenturyskills.org/documents/21st century skills english map.pdf](http://www.21stcenturyskills.org/documents/21st%20century%20skills%20english%20map.pdf)

http://www.21stcenturyskills.org/documents/21stcenturyskillsmap_science.pdf

http://www.21stcenturyskills.org/documents/21stcenturyskillsmap_geog.pdf

[http://www.21stcenturyskills.org/documents/ss map_11_12_08.pdf](http://www.21stcenturyskills.org/documents/ss_map_11_12_08.pdf)