



Online Teaching Resources for Teachers and Students

January 2009

Introductions to OER (multimedia)

- Why OER? (Excellent Slide Show Summary)
 - http://www.iskme.org/what-we-do/projects/why-oer/WhyOER_en.htm
- Hewlett Foundation
 - <http://www.hewlett.org/Programs/Education/OER/>
- Richard Baraniuk on OER
 - http://www.ted.com/index.php/talks/richard_baraniuk_on_open_source_learning.html

Quality Assurance

- Online Course Evaluation Project/NROC
 - <http://www.montereyinstitute.org/ocep/>
- California Community College Open Textbook Project
 - <http://cccoer.wordpress.com/>

Open Courseware

What is online learning? Where can I get access to online course resources for free? The following websites are valuable sources in exploring the opportunities of online education and learning through open courseware. All of the resources provide free, online courses for academic credit with, or sometimes without, an agreement with your school. Teachers and students are encouraged to view these sites in efforts of understanding online learning structural frameworks.

University of California College Prep (UCCP)

Website: <http://www.uccp.org>

Target Audience: 9-12 Teachers, students, parents, and AP teachers

About: Launched in 1999, UC College Prep distributes the high quality multimedia online courses. No cost to California public schools. Partner distributor MITE/NROC handles out-of-state and international distribution.

Other website: <http://www.ucopenaccess.org>

NROC Hippocampus

Website: <http://www.hippocampus.org/>

Target Audience: 9-16 Students, parents, and AP teachers

About: UCCP's distributor NROC posts UC's AP and derivative courses at this site along with a few courses from other providers. This is a site for teachers to communicate with their own students, give assignments, and hold discussions.

Hoagies' Gifted Education

Website: http://www.hoagiesgifted.org/online_hs.htm

Target Audience: K-12 teachers and parents, open to most students but focuses on the gifted

About: UCCP's distributor NROC posts UC's AP and derivative courses at this site.

MIT OpenCourseWare

Website: <http://ocw.mit.edu>

Target Audience: AP Calculus, AP Biology, and AP Physics teachers and students

About: MIT provides free and online AP courses. Materials include: lecture notes, video lectures, AP exam problems, student resources, and teacher resources.

Utah State University (USU)

Website: http://ocw.usu.edu/Languages_Philosophy_and_Speech_Communication/First_Year_Chinese_I

Target Audience: College students, but could be used by AP students and teachers

About: USU offers online college Chinese courses. High school students could take this course (chin 1010) in preparation for the AP exam as the AP exam places student out of this course.

Open Yale Courses

Website: <http://oyc.yale.edu/psychology>

Target Audience: College students, but could be used by AP students and teachers

About: Current course relevant to AP is Pysch 110: Intro to Psychology. Lectures are video taped and engaging.

Open Learning Initiative (OLI) Carnegie Mellon

Website: <http://www.cmu.edu/oli>

Target Audience: University and high school educators, college students, AP students

About: OLI offers free online courses that could work for the following AP classes: French, Physics, Statistics, Biology, and Chemistry. Educator case studies and free PD are available.

UCLA Extension

Website: <http://www.uclaextension.edu/>

Target Audience: Teachers who are teaching AP courses and seeking PD.

About: Each course is about 4.5 units and cost \$565. Most are available online.

Virtual High School (VHS)

Website: <http://www.govhs.org/>

Target Audience: Students, parents, guidance counselors, and school administrators

About: VHS has fee based middle school to AP and IB online courses. Provides different levels of membership from whole schools to classes to individual students.

Virtual Virginia Advanced Placement School

Website: <http://www.virtualvirginia.org>

Target Audience: High school students of Virginia

About: This school offers fee based complete online AP courses. Provides varies options for course pace. Includes all AP courses that have a AP exam as well as a list of AP for which there is no exam.

Michigan Virtual University (MVU) Michigan Virtual High School

Website: <http://www.mivu.org/>

Target Audience: Residents of Michigan – K -12 educators, high school and community college students, and healthcare workers

About: AP Course Cost: Michigan residents \$350 and non-residents \$450 per course

MVU offers full list of 35 AP courses mostly developed by MVHS, but some are offered through APEX.

Power-Glide Foreign Language Programs K-12

Website: <http://www.power-glide.com/>

Target Audience: K-12 students and schools

About: Offers K-12 individuals and schools traditional German, French, Spanish, Latin, Mandarin, and AP Spanish and French. Courses are available as course only, course plus credit, and course plus credit with teacher guidance.

Foothill-De Anza Community College, Los Altos Hills, CA, Introduction to Statistics

Website: [Sofia Gallery http://sofia.fhda.edu/gallery/statistics/index.html](http://sofia.fhda.edu/gallery/statistics/index.html)

Target Audience: 10-14 students and teachers

About: Complete course with lessons, projects, quizzes, and exams that are in alignment with AP curricular requirements.

Open Culture

Website: <http://www.oculture.com/2007/07/freeonlinecourses.html>

Target Audience: College students, high school students, and educators

About: This site is arranged by subject area and provides links to podcasts, audiocasts, and YouTube of lectures.

Hewlett Foundation

Website: <http://www.hewlett.org/Programs/Education/OER/>

Target Audience: K-16 teachers and students

About: Sponsors open educational resource development worldwide. Site is for finding ways to receive grants for creating OER.

United Nations University

Website: http://ocw.unu.edu/ocw/Courses_listing

Target Audience: 8-14 teachers and students

About: Free lessons in pdf format. Course material is similar to an online textbook.

Resources for Teachers

Having trouble drafting your curriculum? Need help forming your daily lesson plans? Wondering how to engage your students? The following resources provide sample lesson plans, curriculum maps, and spaces for discussion regarding methods of teaching. Investigate the different ways to run your classroom in an exciting, fun, and effective manner.

Merlot - A Multimedia Educational Resource Learning and Online Teaching

Website: www.merlot.org/

Target Audience: Any educator

About: MERLOT is a user-centered, searchable collection of peer reviewed higher education, online learning materials created by registered members. Has thousands of high quality multi media and HTML lesson materials/plans in all basic subject areas.

University of Illinois, Illinois Online Network

Website: www.ion.illinois.edu/resources/

Target Audience: Faculty in higher education

About: Illinois Online Network is a faculty development initiative that provides professional development in online teaching and learning to faculty and staff from higher education institutions in Illinois and beyond. Full courses: Online Learning: An Overview, Technology Tools for Online Learning, Student Assessment in Online Courses, Instructional Design for Online Course Development, Practicum, Encouraging Communication in Online Courses, etc.

TeachersCount

Website: www.TeachersCount.org

Target Audience: Teachers

About: Teachers Count is an advocacy organization aiming to "raise the status of the teaching profession and provide resources to the education community." Offer links for teachers including resources, news, and professional development.

University of California, Berkeley-Office of Educational Development

Website: <http://teaching.berkeley.edu/teaching.html>

Target Audience: Teacher professional development & support; particularly university instructors; created with UC Berkeley instructors in mind

About: Areas of study: 1. Planning Your Class and Thinking About Teaching incl. Ten Ways to Make Your Teaching More Effective, Nine Complaints from Students About Lectures, Teaching Students w/Disabilities, etc. 2. Your Syllabus incl. Content Tyranny, Components of Course Syllabus, etc. 3. Important Points in the Semester incl. What to do on the First Day of Class, Preparing for Spring Break, After the Midterm, etc. 4. Getting Students Involved incl. Finding Out what Students are Thinking & Learning, Using Groups, etc. 5. Problems & Issues incl. Disappearing Students, Teaching in Times of Crisis, etc. 6. Assessing & Evaluating Your Teaching 7. Life or something like it w/ Balancing Personal & Pro. Life, etc..

Teachnet.com

Website: www.teachnet.com/

Target Audience: PreK – 12 educators

About: Lesson plans provided by linking to brainpop.com. Lessons mostly for primary level in at least a dozen different basic subject areas including high school level.

TeAch-nology - The Art and Science of Teaching with Technology

Website: www.teach-nology.com/

Target Audience: K-12 teachers

About: Paid membership required. Memberships range from \$29.99 to \$49.99. The mission of this company is to provide services designed to support educators' in effectively incorporating technology in teaching and learning.

Teacher Tube

Website: <http://teachertube.com/>

Target Audience: K-12 teachers

About: Must certify age 18 to register as a member; provide online community for sharing instructional videos; educationally focused, safe venue for teachers, schools, and home learners. Upload videos, hundreds of videos to browse including student made videos.

A to Z Teacher Stuff

Website: <http://atozteacherstuff.com/>

Target Audience: K-12 teachers

About: A to Z Teacher Stuff is a teacher-created site to help teachers find online resources incl. lesson plans, thematic units, teacher tips, discussion forums for teachers, downloadable teaching materials & eBooks, printable worksheets and blacklines, themes and more.

National Education Association (NEA)

Website: www.nea.org/lessons/archive.html

Target Audience: PreK-12 teachers and students

About: Site offers subjects with titles: In the Classroom include Lesson Ideas, Classroom Management, Do the Right Thing, Teaching Experience, Work4Me, Dropout Prevention; also features Professional Development, Support Professionals, Grants & Resources, etc.

Teachers First.com

Website: www.teachersfirst.com/

Target Audience: 6-12 teachers

About: Portal site with links to lessons on other sites; major headings: "Classroom" with Resources, Weekly Brain Twisters and Puzzles (Sudoku, Jigsaw, etc.), "Professional" with Real Teachers, Staying Current, etc., What's Current, What's Hot, etc.

Historical Voices

Website: www.h-net.org/teaching/

Target Audience: K-12 teachers and students

About: Historical Voices is one of the first fully functional, multi-media, interoperable digital libraries available online. The primary goals of each of these projects will be the development of a rich set of both online exhibits and educational curricula, utilizing audio files as a key component of these resources.

WikiEducator

Website: http://wikieducator.org/Main_Page

Target Audience: K-12 teachers and students

About: Based in England, many terms and references consistent with education in England; site provides free learning content that anyone can edit and use (a "Wiki" is a website which anyone can use for publishing or editing content online); lesson headings for "Secondary" (6-12grade) - Energy Technology, Higher Secondary Mathematics; Math Topic 1: Indices and Logarithms w/lessons 1 - 9. Energy Tech has heading lessons 1 - 12.

U of North Carolina, School of Pharmacy

Website: <http://www.pharmacy.unc.edu/labs/teaching-resources/nuts-and-bolts-for-teaching-and-learning>

Target Audience: K-14 teachers

About: The website provides detailed information for an educator about learning and teaching.

Online Resources, Faculty Development Associates

Website: www.developfaculty.com/online/

Target Audience: College or university level educators professional development

About: Provide workshops and links for online professional development to increase teacher effectiveness, support new course launch, mentoring, faculty relationships, etc.

Scholastic Inc.

Website: www.teacher.scholastic.com/

Target Audience: K-12 teachers

About: Lesson plans for grades 9 - 12 in Reading, Language Arts, Math, Science, Social Studies, Character & Values, Hobbies & Recreation, Professional Development.

Teachemet

Website: www.teachernet.gov.uk/teachingandlearning/resourcematerials/

Target Audience: K-12 teachers

About: Based in England for teachers in England; info about teaching strategy, teaching/learning tips, learning psychology, links to thousands of resources, new content added often, over 2,000 lesson plans, materials on various topics/themes, info & strategy on delivering each Key Stage of the curriculum. Ideas for lesson plans may be helpful although some understanding of England's ed. system is advised to identify grade level & area of study.

Lessonplanz.com sponsored by "A to Z Teacher Stuff"

Website: www.lessonplanz.com/

Target Audience: K-12 teachers

About: Many lesson plans in all major areas of study categorized by grade level and also by subject area.

Emory University

Website: www.carlos.emory.edu/ODYSSEY/Teachers/index.htm

Target Audience: College level teachers for teaching about ancient cultures

About: Links to a selection of lessons about ancient cultures and art. It has sections on Teaching with Works of Art, Lesson Library, link to national & state standards provided.

4teachers.org

Website: www.4teachers.org/

Target Audience: Elementary and middle school instructors and students

About: Help teachers integrate technology into the classroom by offering online tools and resources; site helps teachers locate online resources such as ready-to-use Web lessons, quizzes, rubrics and classroom calendars.

American Association of Teachers of German, German Resources on the Web (GROW)

Website: www.aatg.org/content/view/255/

Target Audience: K-12 teachers

About: Site provides teachers with Web resources, activities, exercises, standards-based thematic units, and projects listing URLs that are chosen by the committee for their usefulness for teaching German at all or most levels where foreign language instruction is applicable.

TeachingTreasures.com

Website: www.teachingtreasures.com.au/

Target Audience: K-12 teachers

About: Dedicated to provide educational resources to assist parents with home education and classroom teachers.

Carnegie Mellon University

Website: www.cmu.edu/teaching/resources/

Target Audience: Professional development and support for teaching staff at Carnegie Mellon University

About: Teaching Best Practices has "Course Design" incl. Scope and Content etc., Course Objectives etc., Learning Activities That Meet Objectives, Model Syllabi etc., Maximizing the TA's Role etc., Knowing Your Students etc., Feedback & Grading etc.

University of Georgia's Dept of Special Education

Website: <http://www.coe.uga.edu/techplan/resources/researchwww.pdf>

Target Audience: All teachers

About: A PDF containing a list of links of the University of Georgia related to education.

National Parks Service

Website: www.nps.gov/archeology/public/teach.htm

Target Audience: 3-12 teachers and students

About: Archeology oriented site for students and teachers hosted by the National Parks Service. Online activities, lesson plans, and information on visiting archeology sites is provided.

Teachit

Website: www.teachit.co.uk/

Target Audience: Specializing in English, Drama, and Media Studies from 10-16

About: Fee membership is required to gain full access to site resources. Fees range from approx. (factoring exchange rate -Pounds/Dollars) \$60, \$125 and \$190/individual/year. Each membership rate allows greater levels of access or benefits.

LessonPlanSearch.com

Website: <http://www.lessonplansearch.com/>

Target Audience: K-12 teachers and students

About: Individual lessons are provided by linking (often) to other sites; materials are organized by subject and grade level; individual lessons have descriptive titles; "Daily Lesson Plans" links to edHelper.com (paid member subscription required).

Umea University, Umea, Sweden

Website: <http://www.anachem.umu.se/cgi-bin/pointer.exe?PeriodicTables>

Target Audience: 10-16 teachers and students

About: Site has periodic tables presented in dozens of different formats including interactive or as comic book characters.

Library of Congress

Website: <http://memory.loc.gov/learn>

Target Audience: K-16 teachers

About: Lessons, activities, collections and professional development.

ThinkFinity

Website: <http://www.thinkfinity.org/>

Target Audience: K-12 teachers and students

About: Lessons, interactive, media, worksheets can be selected by subject and grade level.

Professor Greenbowe, Iowa State University

Website: <http://www.chem.iastate.edu/group/Greenbowe/sections/projectfolder/animationsindex.htm>

Target Audience: 10-16 teachers and students

About: Simulation labs, chemistry

Berrien County Intermediate School District - Best Practice Technology Integration

Website: <http://www.remc11.k12.mi.us/bstpract/>

Target Audience: K-12 teachers

About: This website features lessons where high technology is applied. Lessons have been teachers submitted by current teachers.

Supplemental Learning Materials

Need some extra help in your classes? Are the confines of a desk and chair in the classroom not enough for your complete learning experience? The following websites provide various fun games, interactive lessons, online articles, and other materials to better your knowledge in course topics. In addition, if you are a teacher, these sites provide layouts for exemplary lesson plans and provide several aids to building your class structure.

Curriki

Website: <http://www.curriki.org/xwiki/bin/view/Main/WebHome>

Target Audience: K-12 teachers and students

About: A project sponsored by Scott McNeill, founder of Sun Microsystems, that offers free registration for membership necessary to gain full site access. This site seeks to develop Open Source Curriculum (OSC), promote collaboration, allows access to free lesson plans & courses, contribute content, revise or give feedback on shared materials.

Umea University, Umea, Sweden

Website: <http://www.anachem.umu.se/cgi-bin/pointer.exe?Courses>

Target Audience: Students of Chemistry and Bio-Chemistry; some resources are pre-college and some are college level

About: Site features some original material and functions as portal site with many related links; site not well maintained; some links not functional; many online resources such as Organometallic Hyper Textbook, Organic Chemistry Online (tutorial).

University of Salzburg

Website: <http://www.geogebra.org/cms/>

Target Audience: K-14 teachers and students

About: Dynamic mathematics software for schools that joins geometry, algebra and calculus.

Jared Derksen, RCHS

Website: <http://www.mrderksen.com/>

Target Audience: High school teachers and students

About: This is a website created by a Statistics teacher for his class. It has complete course lessons, projects, answers to questions on various statistical concepts, AP exam information, and links to statistic web sites.

Calisphere, University of California

Website: www.calisphere.universityofcalifornia.edu

Target Audience: Teacher/student access to original documents and images

About: This is a repository of 200K images from UC and other libraries.

Connexions (CNX) - Rice University

Website: <http://cnx.org/>

Target Audience: 10-14 teachers and students

About: CNX is place to view and share educational material made of small knowledge chunks called modules that can be organized as courses, books, reports, *etc.*. Anyone may view or contribute.

UC Berkeley Web Casts

Website: <http://webcast.berkeley.edu/courses.php>

Target Audience: 10-16 teachers and students

About: This site provides a list of current courses available for viewing and on-demand replay over the internet.

UC Berkeley on YouTube

Website: <http://www.youtube.com/ucberkeley>

Target Audience: 10-16 teachers and students

About: First university to post full lectures on YouTube. Courses, events, sports, and information about campus life is available for public viewing.

Nortel Networks

Website: www.NortelLearnIT.org

Target Audience: K-12 teachers, students, and learners of all ages

About: This is an initiative of Nortel Community Relations to prepare teachers, students, and learners of all ages to develop 21st century skills for learning. Lesson plans and resources are available including video tutorials.

Annenberg Foundation

Website: www.learner.org

Target Audience: K-12 teachers and students

About: The foundation provides credit-bearing professional development for all disciplines.

Geometry Technologies

Website: <http://www.scienceu.com/>

Target Audience: K-12 students

About: This site has interactive exhibits, animated explanations, and science graphics.

A Program of the John F. Kennedy Center for the Performing Arts

Website: <http://artsedge.kennedy-center.org/>

Target Audience: K-12 students and teachers

About: MarcoPolo content partners develop standards-based, discipline-specific educational websites; offers free, standards-based teaching materials and professional development resources.

Association for Psychological Science

Website: <http://psych.hanover.edu/APS/teaching.html#general>

Target Audience: College level instructors and students

About: Provides a long list of resources and links for teaching psychology.

Carlton College, Minnesota

Website: www.mathcs.carleton.edu/probweb/teaching.html

Target Audience: 10-16 educators and students

About: Links to: interactive demonstrations, online tutorials, online textbooks, and other resources for statistics and probability.

Intel, Intel Education Initiative

Website: www.intel.com/education/tools/index.htm

Target Audience: K-12 teachers and students

About: Provides a large range of resources including: Teacher trainings in technology, tools, and short courses. Discovery (in Teaching Resources) is a comprehensive inquiry-based curriculum, which introduces students ages 11-15 to engineering through design. The curriculum is organized into six sections which are further divided into 18 sessions. Each session is 2.5 hours and includes two to four 20–90 minute hands-on activities.

Discovery Communications (Discovery Channel)

Website: <http://school.discoveryeducation.com/teachingtools/teachingtools.html>

Target Audience: K-12 teachers and students

About: Provides materials for teachers, resources for students, and advice for parents about education and learning. The site is constantly reviewed for educational relevance by practicing K-12 teachers.

The Bridge

Website: www.vims.edu/bridge/

Target Audience: K-12 teachers and students

About: The Bridge is a collection of marine education resources available on-line. It provides educators with a convenient source of accurate and useful information on global, national, and regional marine science topics, and gives researchers a contact point for educational outreach.

Windows to the Universe

Website: <http://www.windows.ucar.edu/>

Target Audience: K-12 teachers and students

About: Especially for Earth and Space Sciences offers free member registration, classroom lessons, and activities. The site is written in three reading levels approximating elementary, middle school, and high school reading levels. Additionally, a Spanish version is in the works.

Biology Corner by Shannon Muskopf

Website: www.biologycorner.com/

Target Audience: 7-12 teachers and students

About: Resource site for biology and science teachers and students including the following subject areas: Biology 1 & 1A, 2 & 2A, 3A, 4A, Intro Biology and Intro Physics.

Education Technology classroom activities, Texas Instruments

Website: <http://education.ti.com/educationportal/sites/US/sectionHome/classroomactivities.html>

Target Audience: K-12 teachers and students

About: Free, collaborative forum where educators can share favorite activities using TI technology. Browse activities by subject area. Subject areas include algebra I, algebra II, calculus, geometry, biology, chemistry, earth science, environmental science and forensics. Other Subjects areas include English/language arts, social studies and world languages.

Genetics Science Learning Center at the University of Utah

Website: <http://learn.genetics.utah.edu/>

Target Audience: 6-16 teachers and students

About: Teachers must use free registration and teacher log-in to access lessons; extensive teaching resources for The New Science of Addiction: Genetics and the Brain; other titles (for learners at different levels) include Genetics - The Basics (animated tour), Inside a Cell (with interactive graphic), Build a DNA molecule, Transcribe and Translate a Gene (see how cells read a DNA sequence), Discover How Proteins Function, What Makes a Firefly Glow?(animated example), Conservation Genetics, Genes & Blood Type, etc.

King's List of On-line Math Activities

Website: www.k111.k12.il.us/King/math.htm

Target Audience: K-8 math teachers and students

About: Shockwave needed for many of internet activities. Shockwave is free software.

National Oceanic and Atmospheric Administration (NOAA) and the University of South Alabama

Website: <http://www.research.noaa.gov/search/sitemap.html>

Target Audience: 6-12 teachers and students

About: Subject categories: El Nino, Storms, Atmosphere, Fisheries, Great Lakes, Oceans; alternate link to site: <http://www.research.noaa.gov/k12/>

City of Birmingham, England

Website: www.bgfl.org/bgfl/15.cfm

Target Audience: Primary and secondary school educators in England, but can be used anywhere in the world

About: Whiteboard and other resources provided by linking to other websites. Links to various programs such as: 3D Electric Field Viewer, Angle Estimator, Area ITP(Interactive Teaching Program), Build Your Own Atom, Calculating Angles ITP, etc.

Australian Multimedia for Physics Students (AMPS) - Sydney University Physics Education Research Group

Website: <http://www.hscphysics.edu.au/home>

Target Audience: 11-14 educators and students

About: AMPS provides resources for high school and 1st year college physics students. Emphasis is on helping students understand the key topics in year 11 and 12 physics. Educator resources include lesson plans and videos.

Brain Pop.com

Website: <http://www.brainpop.com/>

Target Audience: 3-12 teachers and students

About: Subscription required - Teacher access: \$175/12months/15 log-ins per day, better rates w/greater access for Media Center, School, District; provides curriculum -based content across Science, Math, English, Social Studies, Health, Arts & Music and Technology; >600 animated movies with corresponding activities - quizzes, worksheets, etc; some materials can be accessed for free.

Bugscope

Website: <http://bugscope.beckman.uiuc.edu/>

Target Audience: K-16 teachers and students

About: Images from electron microscope available on site for students and teachers. Students and teachers need mail specimens to use.

David Mayer, Churchill High School, San Antonio, TX

Website: <http://tw.neisd.net/webpages/dmayer/>

Target Audience: 10-12 teachers and students

About: AP economics resources

Professor Stark at UC Berkeley

Website: <http://www.stat.berkeley.edu/~stark>

Target Audience: 10-14 teachers and students

About: Complete online introductory college statistics course. Interactive statistic lessons.

Clay Helberg, Statistics on the Web

Website: <http://www.claviusweb.net/statistics.shtml>

Target Audience: 10-16 teachers and students

About: Links to statistic websites containing online courses, textbooks, educational resources, software, lessons and material.

Professor at UCLA

Website: <http://www.socr.ucla.edu/>

Target Audience: 10-14 teachers and students

About: Interactive statistic lessons, software tool to perform statistics.

Resources to find Online Courses

Don't know where to start? The following are resources to introduce you to the world of online coursework and help you find what courses are available to you. You can search for classes for high school credit or supplemental courses for your everyday classes. These sites are great places to get started.

Online Education Database (OEDb)

Website: <http://oedb.org>

Target Audience: College students and educators

About: OEDb reviews online colleges and degree program. Provides an article library with articles relevant to online education including the, "Top 100 Open Courseware Projects."

MIT OpenCourseWare

Website: <http://ocw.mit.edu/OcwWeb/hs/home/home/index.htm>

Target Audience: AP Calculus, AP Biology, AP Physics teachers and students

About: MIT provides free and online AP courses. Materials include: lecture notes, video lectures, AP exam problems, student resources, and teacher resources.

Google

Website: <http://www.google.com/educators>

Target Audience: Educators at any level

About: Google provides detailed information on its features & services for/as classroom lessons & assignments.

LearningPage

Website: www.sitesforteachers.com/

Target Audience: Any educator

About: Links to a wide variety of web-sites in the field of education including teacher resources, ranked by popularity.

Topmarks Education

Website: <http://www.topmarks.co.uk/>

Target Audience: K-12 students, teachers, and parents

About: Free web site to support use of the Internet for learning. It is aimed at pupils, teachers and parents and is biased to UK curriculum. All featured sites reviewed by teachers and regularly re-checked. Subject areas listed, each title is a link which brings up a selection of web links in that area.

TeacherLINK, Utah State University

Website: <http://www.teacherlink.usu.edu/>

Target Audience: K-12 teachers

About: TeacherLINK, an online teacher resource for public educators and students, a free public service. Students in USU's College of Education prepare lesson plans as class projects which get listed here.

Corporation for Public Broadcasting (PBS) and station WGBH (Boston)

Website: www.pbs.org/teachers/

Target Audience: K-12 teachers

About: Presents the TV show "NOVA" as a teaching tool (NOVA: highest rated science series on TV and most watched documentary series on public TV); offers "Teacher's Guide by Program Title", "Teacher's Guide by Subject", "Featured Teacher" (teacher's who have used or have ideas for using NOVA in lesson plans), "TV Schedule" presents upcoming NOVA season with links to program overviews, subject connections, and printable teacher's guides for each program.

TED 2008 Richard Baraniuk

Website: http://www.ted.com/index.php/talks/richard_baraniuk_on_open_source_learning.html

Target Audience: K-16 teachers

About: TED video describes movement toward open knowledge, open books.

Online Libraries and Museums

Are you doing a research project or report and do not know where to look? Need help finding resources and academic sources? Here are some online libraries and museums that are open access for students to use in their coursework. These websites provide interactive and engaging information throughout their online experience.

Access Excellence at the National Health Museum

Website: www.accessexcellence.org/

Target Audience: 3-12 science teachers and students

About: Offers science articles for 5th grade and above, activities, resources, and collaboration opportunities.

The Tech Museum of Innovation

Website: www.TheTech.org

Target Audience: K-12 science teachers and students

About: The museum has a range of resources for teachers including: free membership, classroom activities, fieldtrips, district partnerships, and professional development.

School Tube

Website: <http://www.schooltube.com/>

Target Audience: K-12 science teachers and students

About: Member registration required; upload videos to site; Teachers share approved videos, empower their students, access lesson plans, encourage students to compete in moderated competitions, system works with existing computers and internet access; Students can showcase their work, be recognized, build an electronic portfolio, compete for awards; Tips from the Field Forum - postings from professionals and teachers in the field.

Calisphere, University of California

Website: www.calisphere.universityofcalifornia.edu

Target Audience: Teacher/student access to original documents and images

About: This is a repository of 200K images from UC and other libraries.

UC Berkeley

Website: <http://www.ucmp.berkeley.edu/index.php>

Target Audience: K-14 teachers and students

About: Exhibits on evolution and biology

Europeana

Website: <http://www.europeana.eu/portal/>

Target Audience: All teachers and students

About: Online European museum and contains resources for European history

International Children's Library

Website: <http://en.childrenslibrary.org/>

Target Audience: K-6 teachers and students

About: Online library for children in elementary schools

Resources for Homeschooled Students

Are you homeschooled and thinking about taking online courses? Are you a parent trying to find the best options available for your child's education? Here are some resources for homeschooled students regarding online coursework.

Pennsylvania Homeschoolers

Website: <http://www.pahomeschoolers.com/courses/>

Target Audience: Exclusively for homeschooled students

About: Courses range from \$250-\$400 depending on the length.