

Online Educational Resources

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I. TOP PICKS

Khan Academy: <http://www.khanacademy.org/>

TED - Technology, Entertainment, & Design: <http://www.ted.com/>

MIT Open Course Ware: <http://ocw.mit.edu/courses/>

Google Scholar: <https://scholar.google.com>

Thought Co: <https://www.thoughtco.com>

Wikiversity: http://en.wikiversity.org/wiki/Wikiversity:Main_Page

YouTube EDU: <https://www.youtube.com/education>

Open Culture: <http://openculture.com/>

Video Lectures: <http://videlectures.net/>

Cosmo Learning: <http://www.cosmolearning.com/>

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II. UNIVERSITIES & HIGHER EDUCATION

Open Yale Courses: <http://oyc.yale.edu/>

Academic Earth - Online courses from the world's top scholars:
<http://academicearth.org/>

OEC: Find free university courses online: <https://www.oeconsortium.org>

Harvard Extension School - Computer Science & Technology:
<http://computerscience1.tv/2010/spring/>

Johns Hopkins University: <http://ocw.jhsph.edu/>

Princeton's Institute for Advanced Study: <https://www.ias.edu/about/videos>

Ars Digita University - Computer science and math lectures: <http://aduni.org/courses/>

UC Berkeley Video Courses - Free education online: <http://education.jimmyr.com/>

Carnegie Mellon Open Learning Initiative: <http://oli.web.cmu.edu/openlearning/>

Delft University of Technology: <http://ocw.tudelft.nl/courses/>

UC Irvine: <https://www.coursera.org/uci>

UC San Diego Podcasts: <http://podcast.ucsd.edu/>

University of Massachusetts: <http://ocw.umb.edu>

University of Michigan: <https://open.umich.edu/find/find-open-educational-resources>

University of Sydney - Podcast episodes: <http://sydney.edu.au/podcasts/2011.php>

YouTube Channels:

Stanford: <http://www.youtube.com/stanford>

Stanford Class Central - YouTube summaries: <http://www.class-central.com/>

University of New South Wales <http://www.youtube.com/user/UNSWelearning>

Yale: <http://www.youtube.com/yalecourses>

India's NPTEL: <http://www.youtube.com/user/nptelhrd>

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III. GENERAL COLLECTIONS

Project Humanity & Earth: Free Books, Videos & Knowledge: <https://www.phe2.org>

Udemy - Take and build online courses on any subject: <http://www.udemy.com/>

Free Video Lectures – 1,380+ Online Courses and 19,000+ Videos from 60+ Universities: <http://freevideolectures.com/>

InfoCoBuild Free Audio/video lectures:
<http://www.infocobuild.com/education/education.html>

Free Online Education Database: https://oedb.org/open/search-results/?search-term=computer&subjects=&pg=1&course_media_type=&schools=

Infoplease - All the knowledge you need: <https://www.infoplease.com>

MERLOT - Multimedia educational resource: <http://www.merlot.org/merlot/index.htm>

Internet Archive: <http://www.archive.org/>

101 Online Self-improvement Resources: <http://www.pickthebrain.com/blog/101-self-improvement-resources/>

Alison - Free online courses: <http://alison.com/>

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IV. HOW-TO & DIY

Wiki How - The how-to Info: <https://www.wikihow.com/Main-Page>

How Stuff Works: <http://www.howstuffworks.com/>

Wonder How To: <https://www.wonderhowto.com>

Instructables: <http://www.instructables.com/>

Make Magazine: <http://www.makezine.com/>

How-to Help & Videos for Dummies: <http://www.dummies.com/>

VideoJug: <http://www.videojug.com/>

How to Create a Book in Wikipedia: <http://en.wikipedia.org/wiki/Help:Books>

Let's Make Robots: <http://letsmakerobots.com/>

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V. STUDYING with PEERS

Open Study - Study together: <http://openstudy.com/>

P2P University - Learn anything with your peers <http://p2pu.org/en/>

Study Blue - Your digital backpack: <http://www.studyblue.com/>

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VI. ONLINE BOOKS, eBooks, & JOURNALS

Google Books: <http://books.google.com/>

Free Books: <https://www.phe2.org/library>

WikiBooks: http://en.wikibooks.org/wiki/Main_Page

Project Gutenberg: http://www.gutenberg.org/wiki/Main_Page

Planet eBook: <https://www.planetebook.com/ebooks/>

Open Book Project: <http://openbookproject.net/>

OpenStax: Free Testbooks: <http://cnx.org/>

The Free Library: <http://www.thefreelibrary.com/>

Many Books: <http://www.manybooks.net/>

World Cat 10,000 libraries worldwide: <http://www.worldcat.org/>

iBiblio The public's library and digital archive: <http://www.ibiblio.org/>

LibriVox Free audiobooks: <http://librivox.org/>

The Assayer: <http://theassayer.org/>

Amazon.com Free eBook Collection:

https://www.amazon.com/b/ref=amb_link_85650291_15?ie=UTF8&node=2245146011

Textbook Revolution: Student-run site:

http://www.textbookrevolution.org/index.php/Main_Page

Directory of Open Access Journals: <http://www.doaj.org/>

eReaderIQ: Recent non-public domain freebies & price-drop alerts:
<http://www.ereaderiq.com/>

Longform - New & Classic non-fiction articles: <http://longform.org/>

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VII. COMPUTERS, SOFTWARE, & PROGRAMMING

Google Code University: <https://developer.android.com/guide>

Classpert: compare online courses from multiple providers: <https://classpert.com>

UDacity - CS 101: <http://www.udacity.com/>

PHP Academy: <http://www.youtube.com/user/phpacademy>

Better PHP: <http://www.youtube.com/betterphp>

Programming eBooks: <http://appsapps.com/ebooks/>

W3Schools web development site: <http://www.w3schools.com/>

Net Tuts A large collection of coding tutorials: <https://code.tutsplus.com>

Code cademy: <http://www.codecademy.com/>

Free Technology Academy: <http://ftacademy.org/>

Rails for Zombies: <http://railsforzombies.org/>

Coding Bat Online code practice in Java & Python: <https://codingbat.com/java>

PySchools Python programming: <http://www.pyschools.com/>

Python Learn: <http://www.py4inf.com/>

Professor Messer: Free CompTIA A+ Certification: <http://www.professormesser.com/>

Lynda: Online software training videos: <http://www.lynda.com/>

Stack Overflow: <http://stackoverflow.com/>

DZone: Fresh links for developers: <http://www.dzone.com/links/index.html>

Project Euler: Mathematical & computer programming problems: <http://projecteuler.net/>

Tech News: <https://techreligious.com>

Major Geeks: Free Software Resource: <https://www.majorgeeks.com>

Tech Resource & News: <https://www.tomshardware.com>

Tech Radar: <https://www.techradar.com>

Venture Beat: <https://venturebeat.com>

PC Mag: <https://www.pcmag.com>

Photoshop & Graphics:

PSD Tuts: <http://psd.tutsplus.com/>

Photoshop Tutorials: <http://photoshoptutorials.ws/>

Graphic Tutorials: <http://www.graphictutorials.net/>

PSD FanExtra Tutorials: <http://psd.fanextra.com/category/tutorials/>

Vandelay Design: <https://www.vandelaydesign.com/tools/>

GIMP: <https://www.gimp.org>

Video CoPilot: Tutorials for VFX & motion graphics: <http://www.videocopilot.net/tutorials/>

Shot Cut: <https://shotcut.org>

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VIII. SCIENCE & MATH

Google Scholar: <http://scholar.google.com/>

Cite Seer X: Access scientific and scholarly knowledge: <http://citeseerx.ist.psu.edu/>

Academia.edu: A place to share and follow research: <http://academia.edu/>

National Science Digital Library: Explore, share, create: <https://nsdl.oercommons.org>

Science Magazine: <https://www.sciencemag.org>

National Program: Science, Engineering, & Technology: <https://nptel.ac.in>

KQED's Quest: Explore science, nature: <http://science.kqed.org/quest/>

Freelance Teacher: Videos on physics, chemistry, math, & biology:
<http://www.freelance-teacher.com/videos.htm>

FHSST: Free high school science texts: http://www.nongnu.org/fhsst/2_project.html

Minute Physics on YouTube: <http://www.youtube.com/user/minutephysics/featured>

Educated Earth: Videos on astronomy, biology, chemistry, earth sciences, and more:
<http://www.educatedearth.net/>

The Science Network: <http://thesciencenetwork.org/>

ck-12 Flexbooks: <http://www.ck12.org/flexbook/>

Paul's Online Math Notes: <http://tutorial.math.lamar.edu/>

Math, Better Explained: <http://betterexplained.com/>

Positive Science & Positive Technology: <http://civilisation2.org>

Astronomy & Outerspace:

Space Engine: <http://en.spaceengine.org/>

Google Sky: <http://www.google.com/sky/>

NASA for Students: <http://www.nasa.gov/audience/forstudents/index.html>

Statistics:

Stat Soft Electronic Statistics Textbook: <http://www.statsoft.com/textbook/stathome.html>

Handbook of Biological Statistics: <http://www.biostathandbook.com>

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IX. LOGIC, WORDS, & MEMORY

Mind Tools: Memory improvement techniques: <http://www.mindtools.com/memory.html>

The Nizkor Project: List of logical fallacies:
<http://www.nizkor.org/features/fallacies/index.html>

Wikipedia's List of Logical Fallacies: http://en.wikipedia.org/wiki/List_of_fallacies

Wikipedia's List of Figures of Speech: http://en.wikipedia.org/wiki/Figure_of_speech

KnoWord: Expand your vocabulary: <https://playknoword.com>

Vocabulary.com: <http://www.vocabulary.com/>

Brain Workshop: <http://brainworkshop.sourceforge.net/>

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X. LANGUAGES

Basic Composition: Reading & Writing

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

BBC Languages: Beginner courses: <http://www.bbc.co.uk/languages/>

Language Guide: Foreign language vocabulary, grammar, & readings:

<http://www.languageguide.org/>

eLanguage School: Free foreign language lessons online:

<http://www.elanguageschool.net/>

Free Online Language Courses via About.com:

<http://distancelearn.about.com/od/onlinecourses/a/freelanguage.htm>

Duo Lingo: Learn a language for free & simultaneously translate the web:

<http://duolingo.com/>

Babel Nation: Learning languages online for free: <https://www.babbel.com>

Transparent Language: Language learning software & resources in over 100 languages: <http://www.transparent.com/language-resources/languages.html>

Survival Phrases: Learn essential travel phrases, tips, and insights:

<http://survivalphrases.com/>

Talk to Me in Korean: <http://talktomeinkorean.com/>

Chinese Toolbox: Software for learning Chinese through reading:

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

American Sign Language (ASL) University:
<http://www.lifeprint.com/asl101/lessons/lesson01.htm>

Handspeak: Sign language: <http://www.handspeak.com/>

Signing Savvy: Your sign language resource: <http://www.signingsavvy.com/index.php>

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XI. MUSIC

Berklee Shares: Free music lessons from Berklee College of Music
<http://www.berkleeshares.com/>

Music Theory: Lessons, exercises, & tools: <http://www.musictheory.net/>

Ear Training & Music Theory Software: <http://www.trainear.com/>

Basic Music Theory: <http://www.howmusicworks.org/>

Music Education: Music theory: <https://www.liveabout.com/music-education-4688135>

Teoria: Music Theory Web: <http://teoria.com/>

Ultimate Guitar: Lessons, techniques, & styles: <http://www.ultimate-guitar.com/lessons/>

Justin Guitar: The best guitar instruction on the web: <http://www.justinguitar.com/>

Chorder: Chord fingering and guitar resources: <http://www.chorder.com/guitar-chords/c/major/1>

Play Bass Now: Lessons, licks, and low notes: <http://playbassnow.com/>

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XII. HISTORY

Teacher Resources: Western Civilization (52 half-hour video programs):
<http://www.learner.org/resources/series58.html>

Metropolitan Museum of Art: Timeline of Art History: <http://www.metmuseum.org/toah/>

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XIII. BUSINESS, ECONOMICS, FINANCE, & INVESTING

Resource Based Economy: <https://www.phe2.org/rbe>

Investopedia: <http://www.investopedia.com/>

Google Finance: <http://www.google.com/finance>

Market Watch by WSJ: <http://www.marketwatch.com/>

Main Street: Business & financial headlines & advice:
<https://www.thestreet.com/personal-finance>

Stanford University's Entrepreneurship Corner: <http://ecorner.stanford.edu/>

Value Based Management: Methods, models, and theories:
<http://www.valuebasedmanagement.net/>

Ludwig von Mises Institute: Austrian economics and praxeology: <http://mises.org/>

Foundation for Economic Education: <http://www.fee.org/>

Library of Economics and Liberty: <http://www.econlib.org/>

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XIV. FOOD, NUTRITION, & COOKING

Great Website for Vitamins & Healthy Foods: <https://www.vitacost.com>

Good Eats Fan Page: <http://www.goodeatsfanpage.com/GEFP/index.htm>

Chef Todd Mohr's Web Cooking Classes (YouTube):
<http://www.youtube.com/user/ChefToddMohr>

Nutrition Data: Self nutrition data: <http://www.nutritiondata.com/>

Nutrition.gov: Smart nutrition & practical tips: <http://www.nutrition.gov/>

Choose My Plate via USDA: <http://www.choosemyplate.gov/>

The World's Healthiest Foods: <http://whfoods.org/foodstoc.php>

Calorie King: <http://www.calorieking.com/>

Start Making Choices: Simple ideas for living healthier on a budget:
<https://www.readyseteat.com>

Eat Right Nutrition: <https://www.eatright.org>

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XV. SURVIVAL TIPS

Off Grid Survival: <http://offgridsurvival.com/>

Backwoods Magazine: Self reliance and self sufficiency:
<http://www.backwoodshome.com/index.html>

Survival Topics: Your online survival kit: <http://www.survivaltopics.com/>

Wilderness Survival: <http://www.wilderness-survival.net/>

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XVI. DOCUMENTARIES & FILM STUDIES

Documentary Heaven: Food for your brain: <http://documentaryheaven.com/>

Documentary Tube: <http://www.documentarytube.com/>

Documentary Storm: Free streaming documentaries: <http://documentarystorm.com/>

Top Documentary Films: Watch free documentaries online:
<http://topdocumentaryfilms.com/>

Movies Found Online: <https://moviesfoundonline.com>

InfoCoBuild's Books and Films: Science & Technology:
<http://www.infocobuild.com/books-and-films/science.html>

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