YOUTUBE



Covers subjects ranging from space, biology, and history through to philosophy and existential understanding of self. Highly compelling and engaging. youtube.com/user/kurzgesagt



Well produced video courses on sociology, computer science, film history, mythology, physics, philosophy, games, economics, U.S. government and politics, astronomy, anatomy, science, psychology, and much more. youtube.com/user/crashcourse



Nicely animated videos about a broad range of subjects. Each video is a collaborative effort between an expert and an animator to create a useful and engaging way to understand something. youtube.com/user/tededucation



youtube.com/user/cgpgrey A science-based channel with videos and playlist curated around topics including science experiments, optical illusions, aliens, human behaviour, mathematics, artificial intelligence, art, and much more.

Short explanatory videos on varying subjects, including politics

simplistic animations add substantially to the engagement.

geography, economics, history, and culture. The dry wit and absurdly



Beautiful natural imagery and documentary style films. Inspiring neonle to care about the planet, National Geographic brings us closer to the natural world both literally and figuratively youtube.com/user/nationalgeographic

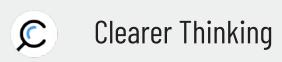
youtube.com/user/vsauce

THE BEST FREE

ONTHEINTERNET

CLICKABLE LINKS AT freelearninglist

EFFECTIVE THINKING



The clearer thinking website helps people and organizations to make better decisions, and, as the name suggests, think more clearly. With an evidence-based approach, it uses gamified, engaging interactive tools and quizzes to help us to be more rational. clearerthinking.org



Logical fallacies are flaws in reasoning that are often very sneakily used by politicians and the media to fool people. Don't be fooled! This website has been designed to help you identify and call out dodgy logic wherever it may raise its ugly, incoherent head. yourfallacy.is



Your Bias Is

We have evolved to use shortcuts in our thinking, but a cognitive bias means there's a kind of misfiring going on causing us to lose objectivity. This site belos us to identify some of the most common and pernicious biases. **yourbias.is**



thinking through the lens of movies, TV shows, video games, current events, books, and more. Check out the 8-bit Philosophy and Thug Notes series in particular, voutube.com/thugnotes Bad News is an online game, where you take on the role of fake

This YouTube channel explores big ideas like philosophy and critical



news-monger, and drop all pretense of ethics to build a media empire This fun, gamified approach helps us to more readily identify the tricks used to manipulate us. **getbadnews.com**



The Kialo website features interactive public debates with a unique and engaging system to visualize argument structures, and allow participants and viewers to vote on the strength of each argument for or against a claim. kialo.com

PROGRAMMING

The Odin Project



A non profit that teaches programming and computer science with a comprehensive, free, widely used and validated platform. Utilized by over 1m teachers around the world, and features excellent design and engagement. **code.org**



An open source online curriculum for learning web development This visually engaging platform is designed to "fill in the gan for people who are trying to hack it on their own but still want a high quality education". theodinproject.com



languages HTML and CSS. codecademy.com A series of courses with easy-to-follow introductory guides on subjects such as web programming, animation and game development, computer science, and more.

JavaScript, Ruby, SQL, C++, Swift, and Sass, as well as markup

Codecademy is an online interactive platform that offers free coding

classes in 12 different programming languages including Python, Java,



The Coding Train

Includes free courses from places like Harvard and Microsoft on everything from front-end web development through to blockchain and cyber security. edx.org/course/subject/computer-science

khanacademy.org/computing





PODCASTS



Hardcore History





Dan Carlin's passion for history creates an engagement factor that's difficult to match. Many of the shows are many hours long and deep dive into some of the most interesting and relevant times in history. dancarlin.com/hardcore-history-series

A show about the internet, which is really a show about modern life The two hosts are disarmingly candid, and while you'll learn a lot about various corners of the internet, the real appeal of this show is just how very engaging it is. **gimletmedia.com/shows/reply-all**

As well as learning much about the world in which we live, empathy, different perspectives, and insights into so many different aspects of life, as the king all podcasts it is also a demonstrated masterclass in the art of storytelling itself. thisamericanlife.org

Beautifully produced science-based podcast. The sound production and narrative forms of this podcast make it highly engaging, such that learning new things is a true joy. wnycstudios.org/podcasts/radiolab

Roman Mars does a splendid job of helping us to understand how and why design underpins so many different things, from product design, through architecture, graphic design, and much more.

This not-very-cryptically-named podcast from the New York Times delivers a daily insight into current events in an accessible yet journalistically robust style. nytimes.com/column/the-daily

COURSES

edX





most courses available for six weeks.

Offers a diverse selection of courses from leading universities and

cultural institutions from around the world. Freemium model with



edX is a global nonprofit founded by Harvard and MIT, and is home to more than 20 million learners, the majority of top-ranked universities in the world, and industry-leading companies.

Short video lessons and courses for a range of subjects including

math, science, engineering, programming, history and more.

Also provides supplementary exercises and materials.



khanacademy.org A well-designed and comprehensive platform offering free online courses for a variety of subjects including IT, science, language,



health, humanities, business, marketing and more. Over 15 million learners in 195 countries. alison.com

Aggregator of different free online course providers which offers both Class Central speciality and technical courses, as well as more broadly accessible options. Nicely designed and easy to use. classcentral.com

BOOKS

While online learning is great in so many ways, books are still (in our opinion) the best learning resource in the world; and this is the world's biggest and best hub for book recommendations. goodreads.com



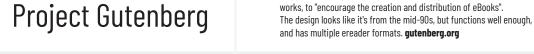
The site hosts a varied collection of books formatted for eReaders in formats such as EPUB, MOBI, PDF, TXT, etc. **manybooks.net** LibriVox offers a large selection of free audio books to download.

All of LibriVox audiobooks are in the public domain (in the USA), and

offers neatly categorised sections of texts in different genres.

ManyBooks has more than 50,000 free online books available, and







ebooks in various formats. The interface is quite clean and clear, and while there's not as many ebooks as other platforms, the quality seems to be overall better than most. free-ebooks.net

This website features neatly organized categories and filters to find



HathiTrust Digital Library is a large-scale collaborative repository of digital content from research libraries including content digitized via Google Books and the Internet Archive digitization initiatives, as well as content digitized locally by libraries. hathitrust.org

LANGUAGES



Duolingo

Thoughtfully and beautifully designed, and offers comprehensive coverage for many languages. Over 300 million active users.







Google Translate



Gamified interactive language learning via a website and mobile app.

Memrise is a language learning app with gamified elements, and a clean and intuitive interface. Founded in 2010, it has grown to help more than 40 million people in 189 countries learn new languages.

Busuu is a very nicely designed, Al-powered language learning platform on web, iOS and Android which allows users to interact with native speakers from around the world. busuu.com

Google Translate uses a mixture of traditional translation with powerful Al algorithms. A lesser-known feature is the app's ability to translate live text using your phone's camera, such that you are able to read a foreign menu, for example. **translate.google.com**

Forvo is the largest online reference for pronunciations with a

database of nearly 6 million words pronounced in over 390 languages

HelloTalk connects you with native speakers to chat with for free. The app provides a good set of features to help facilitate learning, and is easy to use

all created and maintained by native speakers.

forvo.com

MUSIC MUSIC

MusedLab

This resource creates interactive and engaging ways to fuse music and technology. It effectively lowers barriers for people to start experimenting with music creation and understanding music theory with beautifully designed apps and experiences. musedlab.org



Ableton Learning



PBS Kids Music

Steve Vai. justinguitar.com This super simple interface allows you to explore the fundamentals of electronic music production with a fully interactive browser-based web app. Play with beats, melodies, chords, basslines, & song structures in an intuitive way. learningmusic.ableton.com Enjoy fantastic interface and user experience design on this freemium-model online music making, and learning, application Entirely browser-based, but sports many of the features of a full-fledged music production app. **soundation.com** This interactive site lets your kids learn about music and play games

with characters like Elmo, Arthur, the Cat in the Hat, and Daniel Tiger.

This YouTube channel is suited to more intermediate-and-up guitar

players as opposed to beginners. It features many tips, tricks, and fun,

There's been a lot of thought and love put into the illustrations,

animation and code. pbskids.org/games/music/

nerdy guitar things.

youtube.com/user/luapper

With over a thousand video guitar lessons and millions of students,

Justin Sandercoe is one of the most effective guitar teachers in the

world. Recommended by guitar masters such as Mark Knopfler and

GENERAL



Info. is Beautiful



TED

A non-ugly way to enjoy bloggers and writers from around the world It democratizes opinion pieces and information generally, and the clean and intuitive interface, as well as the sheer amount of content,



Despite having an annoyingly long name that stuffs up people's poste layouts, this is one of the most useful and, unsurprisingly, beautiful sites you'll find. Be sure to check out the 'Snake Oil Supplements' interactive infographic. informationisbeautiful.net

One of the most mind-blowing websites you'll ever read, covering

weeks you have left to live. The author writes in an uncannily

Ideas worth spreading, with short talks on fascinating subjects.

Ken Robinson's TED talk on how schools kill creativity was one of

entertaining and accessible way. waitbutwhy.com

the inspirations for the creation of our own non profit.

subjects from artificial super-intelligence to quantifying how many

make it one of the world's best writing platforms. **medium.com** The world's free, crowd-sourced encyclopaedia, Wikipedia is one of the most useful and amazing repositories of human knowledge ever assembled. Although anyone can edit, there is also an army of

fact-checkers helping to correct misinformation. wikipedia.org

If, like almost all human beings, you find processing visual information easier than reading walls of text, then this is the site for you. Lots of well-presented infographics, and their email newsletter is also worth signing up to. visualcapitalist.com

HOW TO



WikiHow uses step-by-step simple instructions with visually engaging and helpful illustrations to create the biggest, and likely best, database of how-to guides available for almost any subject.

MakeUseOf is a technology website, focused on all aspects of

information into various areas of tech. makeuseof.com

computer technology, from hardware, to software, internet, mobile

and more. You'll find helpful article-style how-to guides and insightful



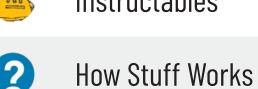
Snap Guide

A blog-style website full of useful tips, tricks, hacks and listicles focussing mainly on tech, but also many other aspects of modern life and how to make it that little bit better and easier. lifehacker.com

handypeople to help make, well, almost anything. Step-by-step

instructions, a clean interface, and downloadable instructions make it

This is a website for makers, tinkerers, inventors, and DIY



HowStuffWorks has a lot of stuff. There's dozens of categories and subcategories with explainers, how-tos and articles on subjects such as health, tech, auto, money, culture, and more. howstuffworks.com

easy to use. instructables.com

Snapguide is a free iOS app and web service for those that want to create and share step-by-step "how to guides." The service provides easy to understand instructions for a wide array of topics. snapguide.com

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