

Online Enrichment Resources

Websites and apps cover myriads of science, art, and technology topics. You can learn interactively at your own pace and in the comfort of your own home.

Some are FREE and some have FEES

Take an Online Course:

edX – <https://www.edx.org/> Take online courses from the world's best universities.

Coursmos - <https://coursmos.com/for-students> Take a micro-course anytime you want, on any device

Highbrow - <http://gohighbrow.com/> Get 5 minute lessons delivered to your email inbox daily

Skillshare - <https://www.skillshare.com/> A learning platform with online classes taught by the world's best practitioners. Personalized, on-demand learning and projects unlock to your creativity.

Curious - <https://curious.com/> Grow your skills with online video lessons delivered to device or inbox daily

Lynda.com - <https://www.lynda.com/> Over 5,000 online courses in business, technology and creative skills taught by industry experts

CreativeLive - <https://www.creativelive.com/> Over 1,500 curated classes in photo & video, money & life, art & design, music & audio, craft & maker by the world's top experts

Udemy - <https://www.udemy.com/> Online learning and teaching marketplace with over 45,000 courses and 15 million students. Learn programming, marketing, data science and more.

Coursera - <https://www.coursera.org/> - Take the world's best courses, online, for free. Each course is like an interactive textbook, featuring pre-recorded videos, quizzes, and projects.

Learn to Code:

Codecademy – <https://www.codecademy.com/> Learn to code interactively, for free

Codeplace – <https://www.codeplace.com/> Teaches you web development by helping you build real software projects

Udacity - <https://www.udacity.com/> Learn to code from the best online free courses and Nanodegree programs

Platzi - <https://courses.platzi.com/> Live streaming classes (English & Spanish) on programming, design, business marketing, and code

Code School - <https://www.codeschool.com/> Learn to code by doing – interactive learning destination for aspiring and experienced developers

Thinkful - <https://www.thinkful.com/> Online coding bootcamp with 1:1 mentorship

Code.org - <https://studio.code.org/> Learn code by doing. “An Hour of Code” or 20 hours of courses

BaseRails - <https://baserails.com/> Teaches Ruby on Rails, web scraping, and other technologies through building real projects like Etsy, Yelp, and data scrapers.

Treehouse - <https://teamtreehouse.com/> Learn web design, coding, iPhone apps and much more at your own pace (7-day free trial)

One Month – <https://onemonth.com/> Learn to code and build web applications in one month

Dash - <https://dash.generalassemb.ly/> Dash is a fun and free online course from General Assembly that teaches you how to program with the basics of web development through projects you can do in your browser

Learn to Work with Data:

DataCamp - <https://www.datacamp.com/> - Online R tutorials and data science courses

DataQuest – <https://www.dataquest.io/> Write code, work with data and build projects in your browser

DataMonkey - <http://www.datamonkey.org/> Analyze your data with a free public server for comparative analysis of sequence alignments using state-of-the-art statistical models

Learn New Languages:

Duolingo – <https://www.duolingo.com/> Learn a language for free. Forever. Dozens of languages available

Busuu - <https://www.busuu.com/en/p/t/main-page-works> The free language learning community – premium packages and apps with fee

Memrise – <https://www.memrise.com/> Use flashcards to learn vocabulary. The Memrise community uses images and science to make learning easy and fun. Learn a language. Learn anything. Basic service free. Pro subscription fee.

Expand Your Knowledge:

Ted-Ed – <http://ed.ted.com/> Find carefully curated educational videos and lessons

KhanAcademy - <https://www.khanacademy.org/> You can learn anything. For free. Forever. Math K-college level; Science & Engineering; Computing; Arts & Humanities; Economics & Finance; Test Prep

Guides.co - <http://guides.co/> Search the largest collection of online guides on this free publishing and hosting platform

Squareknot - <https://squareknot.com/> Squareknot lets you make and view beautiful, step-by-step guides

Chessacademy – <https://www.chesscademy.com/> Watch videos, solve puzzles and play games. Free

Pianu – <https://pianu.com/> A new way to learn piano online, interactively. Pianu responds interactively to any MIDI keyboard connected to your computer, just plug in and play.

Yousician – <http://yousician.com/> The easiest way to learn guitar, bass, piano and ukulele. Your personal music tutor for the digital age

More:

BrainPOP - <http://www.brainpop.com/>

Fun, engaging video sessions that teach elementary age students lessons in science, social studies, math, English, engineering and technology, health, arts and music. Annual membership fee.

BrainPOP Jr - <http://www.brainpopjr.com> This has the same offerings as above, but is designed for K-3 students.

BrainPOP ESL - <https://esl.brainpop.com/> English lessons for ESL students

Brain POP Español - <https://esp.brainpop.com/> Spanish Brain POP

XtraMath - <https://xtramath.org/> This is a free math facts fluency program that reviews basic math facts in addition, subtraction, multiplication and division.

IXL - <http://www.ixl.com/> This program has many math, English, science & social studies skills and lessons by grade level from PreK-12th grade. Practice skills and have fun doing it. Monthly or annual membership fee.

For older students:

Open Education Database - <http://oedb.org/> and <http://oedb.org/open/> This Online Education Database site offers free or for-credit learning options from different universities and providers. Over 8,000 free audio and video courses from universities worldwide.

Academic Earth - <http://academicearth.org/> This site allows you to access free online college courses (not for credit) and lectures and videos from Harvard, MIT, Stanford and others.

Information taken from “The 37 Best Websites to learn Something New”

<http://observer.com/2015/11/the-37-best-websites-to-learn-something-new/>