

## High School List of Ideas & Resources

\*while awaiting ordered curriculum

### Assignment ideas:

English: Read novel from library for English course and write a paper

Science: Research a science topic and do lab with write up \*if no lab just a paper on what was learned

History: Research historical battle/famous figure (can relate to any history course) and write essay

Math: Utilize free websites for lessons, worksheets and quizzes

VAPA: Log of activities and write up or art piece from free website or other source

Foreign Language: Worksheet or quiz from free website or other source

**FREE WEBSITES** (Some are subject specific/others vary)

<https://ocw.mit.edu/high-school/> (MIT has a private high that is tuition based and online). Many of the video lectures and lessons are available to the public for free. Many of the lectures and lessons are by MIT professors and are very good quality. However, some of these are or tuition based. These free lessons could be used to supplement, or until the regular curriculum arrives, students could do these lessons and do a report on what they learned on a topic off their Excel Course outline.

[GCF Global](#) (Junior High-HS) Goodwill Community Foundation. Has free learning platform which covers reading, math, computers, etc. There is an ELL section which teaches English to non-native speakers.

[Watch Know Learn](#) (K-HS) Free educational videos organized by topic.

<https://www.curriculumpathways.com/portal/> Online lessons for core subjects.

### Math

[Khan Academy](#) (TK-12) Free online website dedicated primarily to math and science. Great supplemental videos for students struggling with a certain topic. They also have dedicated AP Prep videos for students needing extra practice.

[iPractice Math](#) (TK-12) Free worksheets and online math help by level and topic.

[School Yourself](#) (7th-12th) Free online lectures and explanations for Algebra I-Calculus.

[Math Planet](#) (7-12) Completely Free Pre-Algebra, Algebra I, Algebra II, and Geometry Courses. Also has ACT and SAT courses. Does not contain practice problems.

[Algebra2Go](#) (7-12) Full Courses in Pre-Algebra through Calculus 2 with practice problems and videos. (Put on by Saddleback Community College)

[Math OPS](#) (7-12) Algebra worksheets organized by topic.

[Math is Fun](#) (TK-12) Free math resource for all levels, through Calculus.

[Free Math Help](#) (7-12) Math Help for Algebra, Geometry, Trigonometry and Calculus.

[CK12](#) (K-12) Free Textbooks and Lessons for mostly science and math, with a few other subjects as well

## English

[Purdue OWL](#) (7-12) Resource for Junior High and High School Writing and Grammar. It is a complete guide to the proper formatting and techniques of academic writing.

[Read Theory](#) Reading Comprehension Program that tracks progress and offers printable reports.

[Discovery K12](#) (K-12) Free online curriculum for grades k-12. Curriculum supplements needed in order to be considered a full-year curriculum.

[Glencoe Literature Library](#) (4-12) Complete Literary Guides for various literature. New titles added often.

[Librivox](#) Free audiobook downloads.

[Project Gutenberg](#) Free ebook downloads. Most are books in the public domain, so you can find a large number of classics here.

[Free Grammar Curriculum](#) Online, easy-to-use grammar curriculum including self-tests. Most suitable for middle school [http://www.bristol.ac.uk/arts/exercises/grammar/grammar\\_tutorial/index.htm](http://www.bristol.ac.uk/arts/exercises/grammar/grammar_tutorial/index.htm) and up.

[English Vocabulary Building Games](#) Variety of games to learn vocabulary

[Handwriting Worksheet Generator](#) Create custom handwriting worksheets for both print and cursive writing.

[ReadWorks](#) (K-12) Free Reading Passages and Literacy Skill interventions for all subject areas. Teachers can assign work for students to complete. \*Can be used for SS and Science samples if passage content matches learning.

## Science

[Bozeman Science](#) Lectures for use with Anatomy and Physiology, AP Biology, AP Chemistry, AP Physics, AP Environmental Science, Biology, Chemistry, and Earth Science. Videos can be used in conjunction with any textbook.

[Photographic Periodic Table of Elements](#) Explore each element through photographs and additional information beyond just the chart.

[Skool \(14-16years\)](#) UK site with a large number of high-quality, animated tutorials and activities in biology, chemistry, and physics.

[The Micropolitan Museum](#) Fabulous site with a large number of photographs of microscopic life. Billed as "The Institute for the Promotion of the Less than One Millimetre".

[The Physics Classroom](#) Excellent tutorials on physics concepts.

[PBS/NOVA](#) Science videos on various topics.

## **Music/Art**

[eMusicTheory.com](#) A variety of learning and drill resources for music theory.

[MusicTheory.net](#) An in-depth music theory course that includes interactive lessons and exercises.

[Teoria](#) Music theory tutorials and exercise.

[How to Paint](#) YouTube channel for Bob Davies that includes lessons on acrylic and watercolor painting, most of which are suitable for beginners.

## **Foreign Language**

[Duolingo](#) Language lessons for upper elementary-adult.

<https://www.loecsen.com/en> Beginner courses for about 20 foreign languages

[The Spanish Experiment](#) Offers free text lessons to browse

[123Teachme](#): Offers standard and game-like Spanish lessons in two levels

[Mi Vida Loca](#): Immersive video mystery produced to engage Spanish learners.

[Talk Spanish](#): 10 focused lessons for total beginners to learning Spanish.

[FluentU Spanish](#): Real world videos .

[StudySpanish.com](#): Over 1,000 pages of free Spanish learning materials.

[Spanish MOOC](#): Free beginner courses with teachers on hand to answer questions

## **Video Spanish Lessons on YouTube**

[Professor Jason Spanish](#): Basic to advanced Spanish and Portuguese

[Spanishdict](#): Beginner to more advanced

[Spanish Sessions](#): 48 video recordings of one-to-one Spanish classes (\*in Spanish but subtitled)

[Master Spanish Language](#): A series of 40 Spanish lessons for the complete beginner.

## **Audio Lessons**

[123 Teach Me Spanish](#): Hundreds of lessons in a structured format

[FSI Basic Spanish](#): Includes downloadable PDF textbooks. It focuses on the Latin American dialect.

[Spanish for Beginners](#): A compact selection of eight lessons for beginning Spanish learners.