

# HIGH SCHOOL RESOURCES

## **Albert.io**

Albert provides students with personalized learning experiences in core academic areas while providing educators with actionable data.

<https://www.albert.io/>

## **ASU Virtual Field Trips**

VFT's are topic based interactive and educationally rich experiences captured during real expeditions with scientists doing current research. Some are built with adaptive feedback and adaptive pathways. (Look for the designated icons). This adaptability allows for non-linear experiences with varying pathways, as well as individual feedback, that is tailored to the users input and responses. These VFTs are being used in high school and college classrooms to supplement a wide variety of topics. <https://vft.asu.edu/>

## **Bio-Rad Laboratories**

Bio-Rad Explorer's YouTube channel is a hub of educational and instructional videos for students and educators from Bio-Rad and the life science education community.

<https://www.youtube.com/bioradeducation>

## **Bites Media**

Free resource for middle and high school teachers & students! Bites Media connects credible, high standard media reporting on current events with "why it matters" to democracy and citizenship, supporting students with developing critical media literacy skills and helping tomorrow's leaders be more informed citizens today. <https://bitesmedia.com/>

## **BrainPop**

BrainPOP's animated movies, creative thinking tools, interactive quizzes, and playful assessments have made a difference for millions of students. BrainPOP's animated movies, creative thinking tools, interactive quizzes, and playful assessments have made a difference for millions of students.

## **Bozeman Science**

Paul Andersen has created hundreds of science videos that have been viewed millions of times by learners around the world. <http://www.bozemanscience.com/>

## **C-SPAN Classroom**

C-SPAN Classroom works with C-SPAN Television Network's programs on public affairs, coverage of Congress, non-fiction books and American history to create free resources for teachers and students to use in classroom activities. <https://www.c-span.org/classroom/>

## **Carnegie Learning**

We're all in this together. At Carnegie Learning, we want to support both you and your students while schools are closing to prevent further spread of the coronavirus (COVID-19). That's why we are providing you with a free blend of textbook and software resources and support to help you facilitate at-home learning for your math class. <https://www.carnegielearning.com/help-center/teachers-toolkit/teachers-toolkit-faqs/long-live-math-at-home/>

## **Civics 101**

A podcast refresher course on the basics of how our democracy works. We create 15-25 minute episodes on a single subject about the U.S. government and pair it with a graphic organizer and additional resources for easy lesson building. <https://www.civics101podcast.org/>

## **ClassDojo**

ClassDojo is an excellent tool for parent communication, sharing information, and portfolios provide a platform for teachers to assign and students to complete and submit work online. <https://www.classdojo.com/>

## **Classzone.com**

World Languages High School Books ( VVHS Spanish I & II Text Books)  
[http://www.classzone.com/cz/find\\_book.htm?tmpState=NM&disciplineSchool=wl\\_hs&state=NM&x=23&y=21&csrf=e0f96447-ed08-4a61-b496-720aa0e8d749](http://www.classzone.com/cz/find_book.htm?tmpState=NM&disciplineSchool=wl_hs&state=NM&x=23&y=21&csrf=e0f96447-ed08-4a61-b496-720aa0e8d749)

## **Discovery Education**

**Discovery Education** inspires educators to go beyond traditional learning with award-winning digital content and professional development. Learn more today!  
<https://www.discoveryeducation.com/>

## **Ed puzzles**

Edpuzzle is an online platform for remote learning that allows you to make any video your lesson. Connect with students virtually by using YouTube safely and explore our popular channels like TED Talks, National Geographic, Crash Course and Khan Academy, or upload your very own video. <https://edpuzzle.com/>

## **Edmodo**

Teachers, students, and parents can use Edmodo to communicate and continue education—always for free—even when in-person learning isn't possible. Edmodo is a global education network that helps connect all learners with the people and resources needed to reach their full potential. The Edmodo service allows teachers to create a virtual classroom, add lessons, create and give quizzes, assign homework - all in an online environment.  
<https://go.edmodo.com/distancelearning/>

## **Mathematics Assessment Project**

The Mathematics Assessment Project brings the National and PA Core to life in a way that will help students access mathematics on a level that promotes deep understanding.

<https://www.map.mathshell.org/index.php>

## **Inside Mathematics**

This resource includes materials and tasks aligned to the K-12 PA Core standards that you can use immediately with your children. These problems and tasks are great to do together with your child. <https://www.insidemathematics.org/common-core-resources>

## **Khan Academy**

Khan Academy is a non-profit educational organization created in 2008 by Salman Khan with the goal of creating a set of online tools that help educate students. The organization produces short lessons in the form of videos. Its website also includes supplementary practice exercises and materials for educators

<https://www.khanacademy.org/>

## **Kahoot**

Kahoot! is a game-based learning platform that brings engagement and fun to 1+ billion players every year at school, at work, and at home. <https://kahoot.com/>

## **Math Planet**

Math planet is an online resource where one can study math for free. Take our high school math courses in [Pre-algebra](#), [Algebra 1](#), [Algebra 2](#) and [Geometry](#). We have also prepared practice tests for the [SAT](#) and [ACT](#). <https://www.mathplanet.com/>

## **MIT Open Courseware**

From the MIT website: "MIT OpenCourseWare (OCW) is a web-based publication of virtually all MIT course content. OCW is open and available to the world and is a permanent MIT activity." This is a fascinating look at how one of the world's finest universities offers content to its students. <https://ocw.mit.edu/index.htm>

## **myShakespeare**

The leading digital edition of Shakespeare's plays. Because of its self-study aspect and smart phone implementation, it's particularly useful in an online classroom environment. Currently all versions available for free <https://myshakespeare.com/>

## **NASA**

Grades 9-12 science resources from NASA. This site is full of activities and opportunities suggested by NASA STEM experts.

<https://www.nasa.gov/stem/forstudents/9-12/index.html>

## **PA DCNR**

The Pennsylvania Department of Conservation and Natural Resources offers an abundance of different materials that cross several disciplines. In addition, the site provides all kinds of information on accessing Pennsylvania's forest and parks.

<https://www.dcnr.pa.gov/Education/Pages/default.aspx>

## **PhET Simulations**

Free science and math simulations for teaching STEM topics, including physics, chemistry, biology, and math, from University of Colorado Boulder. <https://phet.colorado.edu/en/simulations/category/new>

## **The American Chemical Society**

The American Chemical Society is the world's largest scientific society and it provides a number of resources for parents and students to discover the world of chemistry.

<https://www.acs.org/content/acs/en/education/students/highschool/chemistryclubs.html>

## **College Board**

SAT Preparation and practice

<https://collegereadiness.collegeboard.org/sat/k12-educators/advising-instruction/practice-resources/link-accounts>

## **EBSCOHost**

Online resources and covers all subjects and many types of resources, including scholarly and non-scholarly articles. EBSCOHost's search tools help you to locate the information you need quickly. <https://search.ebscohost.com/>

## **POWER Teens**

Provides online resources including full-text research e-resources, collections of photographs and documents, the statewide catalog of materials held in libraries throughout Pennsylvania, and Chat with a Librarian.

<https://document.powerlibrary.org/files/portal/image/powerteens/Teens2.png>

## **Power Library**

Chat with a librarian is designed to provide fast answers to your questions, using information found on the Internet and in proprietary databases funded by libraries. In most cases, PA Librarians will provide an answer online in 15 minutes or less! If your question involves lengthy research, we'll get you started or provide a referral for you or your question.

<https://powerlibrary.org/chat/#.Xm-h7nspA2x>

## **JSTOR**

A highly selective digital library of academic content in many formats and disciplines. The collections include top peer-reviewed scholarly journals as well as respected literary journals, academic monographs, research reports from trusted institutes, and primary sources.

<https://www.jstor.org/>

**Quizlet**

**Quizlet** makes simple learning tools that let you study anything. Start learning today with flashcards, games and learning tools — all for free. <https://quizlet.com/latest>

**Quizizz**

Free gamified quizzes for every subject to play in class and at home. Pick an existing quiz or create your own for review, formative assessment, and more. <https://quizlet.com/latest>

## High School STEM Resources

The following websites are not independent resources. Each website contains live links to multiple activities, other websites, lessons, virtual tours, laboratory investigations, and measurement applications.

<https://www.teachengineering.org/>

<https://www.mastersindatascience.org/blog/the-ultimate-stem-guide-for-kids-239-cool-sites-about-science-technology-engineering-and-math/>

<https://www.nationalgeographic.org/education/>

<https://www.projectpals.com/project-based-learning-blog/17-examples-of-stem-project-based-learning-activities>

<https://www.jpl.nasa.gov/edu/teach/tag/type/Problem+Set>

<https://smile.oregonstate.edu/view-lessons>

<http://www.nea.org/tools/lessons/stem-resources.html>