



# HIGH SCHOOL SUMMER LEARNING RESOURCES

## All Content Areas

### [Khan Academy](#)

Create a parent or student account to access video lessons for all subjects and grade levels – including personal finance and ACT and SAT prep.

### [PBS Learning](#)

WHYY and PBS have curated FREE, standards-aligned videos, interactives, lesson plans, and more. Search by subject and grade level.

### [AP Classroom YouTube Channel](#)

Want to get a jump start on your AP courses? Check out video lessons created by AP teachers for a number of AP Classes.

### [Kaplan](#)

Summer SAT prep – offers free practice tests and live events.

## English Language Arts

### [Commonlit](#)

Search both fiction and nonfiction texts by grade level (3-12), topic, genre, standard, theme, or literary device. Students read the text, answer questions, and access support tools as needed.

### [Power Library](#)

POWER Library is the online portal to all that Pennsylvania libraries offer. Research a subject. Learn about your family history. Locate a title. Explore career options.

### [New York Times Learning Network](#)

Students 13 and older can access writing prompts, articles and quizzes, crosswords, and contests. Be sure to check out the summer reading contest!

### [No Red Ink](#)

Online grammar and writing practice

## Mathematics

### [Summer Math Challenge](#)

A free, six-week program to practice math skills taught during the school year. The challenge gives access to daily activities and resources designed for your child's grade and ability level.

### [MAP- Mathshell](#)

100 lessons for formative assessment, some focused on developing math concepts, others on solving non-routine problems.

### [CK-12](#)

Find free lesson resources for 6-12 math.

### [NCTM Illuminations](#)

Standards-based resources for teaching and learning mathematics, including interactive tools.

### [Open Middle](#)

Challenging math problem worth solving. Download problems from every grade level.

## Science

[CK-12](#) - Find free learning resources for 6-12 science.

[Science News](#) - Features daily news articles, stories, reviews and more in all disciplines of Science.

[Science Daily](#) - Latest Research News.

[HowStuffWorks](#)

How Stuff Works Science has explanations and colorful illustrations related to earth science, life science, and other wonders of the physical world.

[LabExchange](#)

Harvard's free online science education platform that provides users with access to personalized instruction and virtual lab experiences.

## Social Studies

[World 101](#)

The Council on Foreign Relations offers a growing library of multimedia resources that explain international affairs and foreign policy issues for students through entertaining and interactive storytelling.

[Smithsonian History Explorer](#)

Explore the Smithsonian's vetted websites that lead students through investigations that emphasize the acquisition and application of knowledge for college, career, and civic life.

[Facing History](#)

Facing History helps students connect choices made in the past to those they will confront in their own lives. Resources address racism, antisemitism, and prejudice at pivotal moments in history.

[Civics Online Reasoning](#)

Students are confused about how to evaluate online information. We all are. The COR curriculum provides free lessons and assessments that help you teach students to evaluate online information that affects them, their communities, and the world.

[Civics 101 Podcasts](#)

A podcast refresher course on the basics of how our democracy works. Fifteen to twenty-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.

[Newsela](#) - Current events offered at a variety of reading levels.

## STEM

[Imagineering in a Box](#)

A series of interactive lessons in theme park design and engineering, designed to give a behind the scenes peek into Imagineering's development process. It combines 32 videos of actual Imagineers, real-world case studies, and lots of interactive activities to give you the opportunity to dream and design your very own theme park experience!

[Young Inventors Challenge](#)

Free resources to help kids invent a toy or game including a step-by-step Design Guide, articles and videos. Kids can also enter Young Inventor Challenge for a chance at scholarships, prizes and licensing. Every entrant receives feedback from a toy/game executive.

[Ward's World](#)

Free resources for every grade level and every science subject, including Biology, Chemistry, Physics, Earth Science/Geology, Safety and STEM/Makerspace.