



# MIDDLE 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.

## English Language Arts

### [iReady](#)

Access printable at-home learning resources for reading, writing, and language practice. Translations are available.

### [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.

### [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.

### [John Spencer](#)

100 writing prompts for middle school writers

### [No Red Ink](#)

Online grammar and writing practice

### [ESL Lab](#)

Listening practice for English language learners

## Mathematics

### [iReady](#)

Access printable at-home learning activity packs are designed to provide students with valuable selfdirected math exercises and practice.

### [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 science and math

### [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](#)

Science News features daily news articles, feature stories, reviews and more in all disciplines of science

### [HowStuffWorks](#)

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

## Social Studies

[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.

### [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

### [Newsela](#)

Current events offered at a variety of reading levels

### [iCivics](#)

Lesson resources for learning civics.

### [Seterra](#)

Seterra includes fun quizzes that help familiarize you with countries, capital cities, flags, rivers, lakes, and notable geological features.

## S.T.E.M.

### [Maker Maven STEM Challenges](#)

24 STEM Challenges from Maker Maven - Challenges feature items that can easily be sourced around the home and keep kids engaged.

### [Invent.org](#)

Hands-on STEM activity guide

### [Wow in the World](#)

The #1 podcast for kids and families is produced by Tinkercast and distributed by NPR. Check out the daily podcasts and STEM challenges.

### [Code.org](#)

A free website where students can learn the basics of computer science and coding.

### [Scratch](#)

Scratch is a free programming language and online community where students can create their own interactive stories, games, and animations.

### [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.

### [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!