

Merit Newsletter — Week of June 29, 2026

72 opportunities · Week of June 29 – July 05, 2026

Elementary (K-5)

Coding & CS

Robotics

STEM Center USA Summer Camps

STEM Center USA

STEM Center USA offers K-12 summer camps across Southern California for 2026, focusing on robotics, game design, coding, and electronics. Camps are weeklong and aim to provide engaging, hands-on STEM experiences.

Registration is open.

Who's eligible: K-12 students, with specific camps for different age groups.

How to enroll: Online registration through their website.

Source: <https://stemcenterusa.com/>

Science

Coding & CS

ORISE K-12 STEM Competitions

Oak Ridge Institute for Science and Education (ORISE)

Oak Ridge Institute for Science and Education (ORISE) offers virtual STEM competitions for K-12 students throughout the year, focusing on various science and technology topics. Participation is free.

Who's eligible: Students enrolled in a U.S., U.S. territory, or DoDEA school (grades K-12).

How to enroll: Online entry form and submission of research/project by deadline.

Source: <https://orise.ornl.gov/k-12/stem-competitions/>

Science

Robotics

Summer of STEM Adventures 2026

Talcott Mountain Science Center, Academy, & Research Institute

Talcott Mountain Science Center offers seven weeks of hands-on STEM programs for rising K-8 students, focusing on creativity and problem-solving. Programs are organized into grade bands (K-2, 3-5, 6-8).

Who's eligible: Rising K-8 students. Kindergarteners must turn 5 by June 22, 2026.

How to enroll: Online registration for courses.

Source: <https://www.tmsc.org/programs/summer-of-stem-adventures>

Math

Math Challenge by Ellipsis Academy®

Ellipsis Academy®

A free, school-wide math enrichment program for elementary students sponsored by Ellipsis Academy®. School registration for the 2026-2027 academic year is open, with the first challenge available October 9, 2026.

Who's eligible: Elementary students. Schools register to implement the program.

How to enroll: School registration. Participating schools implement the program.

Source: <https://www.mathinaction.org/>

Math

Outschool: Summer 2026 Elementary Math Camp (High Dosage Tutoring)

Outschool (independent teachers)

An 8-week online, small-group summer math camp for learners in Grades 1-5 (ages 6-10) designed to strengthen core math skills through engaging lessons and interactive activities. Topics include number sense, operations, fractions, and geometry.

Who's eligible: Students aged 6-10 in Grades 1-5.

How to enroll: Varies by individual class listing; requires registration on Outschool.

Source: <https://outschool.com/classes/summer-2026-elementary-math-high-dosage-tutoring-small-online-class-for-ages-6-10-IB03V2aM>

Math

Math Madness

AreteLabs

A national team-based online math competition for elementary, middle, and high school students organized by AreteLabs. Fall 2026 event includes practice rounds and an official season, with registration open through late October 2026. Teams of 5+ students can compete with varying costs based on size.

Deadline: Oct 31, 2026

Who's eligible: Teams require a minimum of 5 students. Open to elementary (grades 3-5), middle, and high school students.

How to enroll: Team registration.

Source: <https://aretelabs.com>

Science

Debate & Speech

Destination Imagination - Scientific Challenge (Lab Legends)

Destination Imagination

STEAM-focused, project-based team competition for K-12 students, with the 2026-27 Scientific Challenge focusing on applied science and storytelling.

Deadline: Jul 14, 2026

Who's eligible: Teams of 2 to 7 K-12 students, requiring an educator or adult manager.

How to enroll: Registration required for a Team Number. Full challenge details released July 31, 2026.

Source: <https://www.destinationimagination.org/>

Math Art & Design

Girls Rock Math Summer Camp

Girls Rock Math

Girls Rock Math Summer Camp provides arts-based math programs for girls in grades K-5 (ages 5-9 or rising 1st-6th grade) at locations in California and Washington. The camps run through July and August 2026, emphasizing hands-on projects, creativity, and games to build confidence in math.

Who's eligible: Rising grades 1-6 or ages 5-9, depending on the camp and theme.

How to enroll: Online registration; parents fill out an inquiry form, and the camp team will guide through payment and details.

Source: <https://girlsrockmath.org/>

Register: <https://girlsrockmath.org/register/>

Math Coding & CS

Math Madness

Arete Labs

Math Madness is a 100% online, team-based math competition for students in grades 3-12. The Fall 2026-27 event features practice and tournament rounds from September to November. Teams of at least 5 students from the same school compete in timed matches.

Deadline: Oct 31, 2026

Who's eligible: Elementary school (grades 3-5). A team requires a minimum of 5 students from the same school.

How to enroll: A teacher activates a free account, creates a team, and adds student members.

Source: https://www.aretelabs.com/math_madness/about

Register: <https://www.aretelabs.com/login>

Science

Coding & CS

Invent the Summer: Weekly STEM Challenges

Invent the Summer

Free online program offering weekly engineering challenges for kids ages 12 and under (including K-5) to encourage creative problem-solving.

Who's eligible: Kids ages 12 and under (including K-5).

How to enroll: Access to resources and video guides available online.

Source: <https://inventthesummer.org/challenges>

Science

Headwaters Summer Science Camps

Headwaters Science Institute

Outdoor science day camps in California for ages 5-15, focusing on nature exploration, scientific investigations, and themes like Animals & Insects and Water Week.

Who's eligible: Ages 5-15 years old (covering K-5).

How to enroll: Online registration through their website.

Source: <https://headwatersscienceinstitute.org/summer-camps/>

Register: <https://headwatersscienceinstitute.org/summer-camps/>

Math

Noetic Learning Math Contest (NLMC)

Noetic Learning

The Noetic Learning Math Contest is a biannual math competition for students in grades 2-8, focusing on problem-solving and critical thinking, held in November and April. Registration for the November 2026 contest will open prior to the event.

Who's eligible: Grades 2-8. Parents can register a "team of one" if their school does not participate.

How to enroll: Registration online, typically by a teacher, parent, or coach.

Source: <https://www.noetic-learning.com>

Register: <https://www.noetic-learning.com>

Math

Beast Academy Live Online Classes

Art of Problem Solving - AoPS

Art of Problem Solving's Beast Academy offers live online math classes for elementary students (grades 2-5) designed to build problem-solving skills. Enrollment is open year-round for these virtual classes.

Who's eligible: Ages 7-13, corresponding to grades 2-5 (and higher). Designed for motivated students.

How to enroll: Online registration through the AoPS Academy Virtual Campus.

Source: <https://beastacademy.com/live-classes>

Math

Perennial Math Virtual Tournaments

Perennial Math

Perennial Math offers live, 60-minute virtual math tournaments for students in grades 3-12 via video conferencing. Registration is ongoing, with no explicit deadlines provided for individual tournaments.

Who's eligible: Grades 3-12. Parents may register students if the school is not participating.

How to enroll: Online registration through the website.

Source: <https://perennialmath.com/virtual-tournaments>

Register: <https://perennialmath.com/virtual-tournaments>

Coding & CS

Robotics

CU Science Discovery Summer Camps

University of Colorado Boulder

University of Colorado Boulder offers STEM summer camps for K-12 students, including specific programs for grades 6-8, focusing on areas like Python, AI, Arduino, and drones. Online registration is open for Summer 2026.

Who's eligible: Students in grades K-12, with specific programs for grades 6-8.

How to enroll: Online registration. Financial assistance may be available.

Source: <https://www.colorado.edu/sciencediscovery/>

Science

Youth Science Institute (YSI) Hands-On Science Camp

Youth Science Institute (YSI)

Week-long science camps for students Pre-K through 8th grade in California, running June 8th to August 7th, 2026. Offers over 25 classes exploring various scientific disciplines with hands-on activities.

Who's eligible: Students from Pre-K through 8th grade.

How to enroll: Registration for week-long sessions.

Source: <https://www.ysi-ca.org/>

Register: <https://www.ysi-ca.org/summer-camp-2026>

Robotics

Science

FIRST LEGO League Challenge

FIRST (For Inspiration and Recognition of Science and Technology)

Introduces STEM to students in grades 4-8 through hands-on robotics challenges using LEGO. Registration for the 2026-2027 season, "BIOGLOW™", is open until October 31, 2026.

Deadline: Oct 31, 2026

Who's eligible: Students in grades 4-8.

How to enroll: Team registration, ability to purchase Challenge Set (approx. \$105).

Source: <https://www.firstinspires.org/>

Science

Coding & CS

Discovery Lab Summer Camps

Discovery Lab

Discovery Lab in Tulsa, Oklahoma, offers summer camps for pre-kindergarten to 6th-grade students, focusing on chemistry, engineering, and technology through engaging activities.

Who's eligible: Pre-kindergarten to 6th-grade students.

Source: <https://www.discoverylab.org/camps>

Science

Robotics

Camp Invention

National Inventors Hall of Fame

Camp Invention offers week-long summer STEM programs nationwide for children entering grades K-6. The 2026 "Spark" program features hands-on activities focused on innovation, robotics, and space exploration.

Who's eligible: Children entering grades K-6.

How to enroll: Packed lunch, snack, water bottle, and comfortable clothing.

Source: <https://www.invent.org/>

Register: <https://www.invent.org/save/summer-camp>

Science

Robotics

Destination Science Summer Camps

Destination Science

Hands-on STEM summer camps for kids aged 5-11 (grades K-5) with sessions from June to August 2026. Themes include robotics, movie making, and engineering, offered across California and Texas.

Who's eligible: Ages 5-11 (grades K-5).

How to enroll: Early registration encouraged. Discounts available. Check website for specific locations and pricing.

Source: <https://www.destinationscience.org/>

Science

CEF You Be The Solution Challenge

Chemical Educational Foundation (CEF)

The CEF You Be The Solution Challenge is a science competition for grades 5-8, organized by the Chemical Educational Foundation. The Qualifier Round for the 2026 competition is on December 12, 2026, with registration typically open from October to December.

Deadline: Dec 12, 2026

Who's eligible: Teams of 3-4 students in grades 5-8. For primary school, grades 5-6 are eligible. Requires an adult Team Coordinator.

How to enroll: Teams of 3-4 students with an adult Team Coordinator. Students participate in a multiple-choice qualifier test, and teams create a video for later stages.

Source: <https://www.chemed.org/programs/challenge/>

Science

ExploraVision

Toshiba and National Science Teaching Association (NSTA)

ExploraVision is a competition sponsored by Toshiba and administered by NSTA for K-12 students in the United States. Students compete in teams to develop innovative technology concepts. The deadline for the 2025-2026 competition was February 3, 2026, with information for the 2026-2027 program opening in fall 2026.

Deadline: Feb 01, 2027

Who's eligible: K-12 students in the United States, U.S. Territories, or DoDEA schools abroad. Students compete in teams of 2-4 with a teacher/coach. Categories for Primary Level (Grades K-3) and Upper Elementary Level (Grades 4-6).

How to enroll: Coaches register online, and teams complete projects including a title, abstract, project description (up to 11 pages), bibliography, and five sample web pages. Projects are submitted online.

Source: <https://www.exploravision.org/>

Register: <https://www.exploravision.org/>

Math

Cuemath Live 1:1 Online Math Tutoring

Cuemath

Cuemath provides live, 1:1 online math tutoring for students in Grades K-12. This is a continuous program with flexible scheduling and a cost starting at \$22.5 per class.

Who's eligible: Grades K through 12

How to enroll: Likely involves an initial assessment and setting up a subscription.

Source: <https://www.cuemath.com/>

Science

You Be The Chemist Challenge

Chemical Educational Foundation (CEF)

A national science competition for students in grades 5-8, organized by the Chemical Educational Foundation. Teams compete in a qualifier round and potentially advanced stages, culminating in regional, state, and national finals.

Who's eligible: Students in grades 5-8. Participants compete in teams of four.

How to enroll: Teams take a multiple-choice qualifier test, and advanced teams participate in collaborative short-answer questions and create a video.

Source: <https://www.chemed.org/>

Math

Khan Academy Math

Khan Academy

Khan Academy offers a comprehensive and free online platform for K-12 math education. It provides personalized learning experiences, allowing students to learn at their own pace, fill knowledge gaps, and accelerate their learning.

Who's eligible: All K-12 students.

How to enroll: Create a free account.

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

Math

Math Kangaroo

Math Kangaroo

An international individual math competition focused on logic and creativity, open to students in grades 1-12, typically held in March.

Who's eligible: Students in grades 1-6 for the elementary band.

How to enroll: Registration through a local center or online.

Source: <https://mathkangaroo.org/mks/>

Math

Perennial Math National Championship

Perennial Math

Hosts online competitions, live on-site tournaments, and virtual tournaments for students in grades 3-12, with multiple seasons for online tournaments.

Who's eligible: Students in grades 3-12.

How to enroll: Team membership available for a fee.

Source: <https://perennialmath.com/>

Math

Math Challenge Program

Math in Action / Ellipsis Academy

A free, school-wide math enrichment program for elementary students, consisting of challenging math problems. Schools implement the program with provided problem sets.

Who's eligible: Elementary students (K-5) in participating schools.

How to enroll: School registration required.

Source: <https://www.mathinaction.org/current-math-challenge.html>

Math

Noetic Learning Math Contest (NLMC)

Noetic Learning

The Noetic Learning Math Contest is a semiannual problem-solving competition for students in grades 2-8. Registration for the Fall 2026 contest is expected to open in late Summer/early Fall 2026, with a fee of \$99 per team.

Who's eligible: Grades 2-8.

How to enroll: Register online as a Team Leader (for schools) or At-Home participant (for parents/guardians).

Source: <https://www.noetic-learning.com/mathcontest>

Math

CyberMath Academy Summer Math Camps (Stanford University Area)

CyberMath Academy

The CyberMath Academy hosts a Summer Math Camp near Stanford University (July 6-17, 2026) for students aged 9-16, focusing on advanced middle school math. Registration is ongoing, with tuition between \$3,899 and \$7,499.

Who's eligible: Ages 9-16, with an "Advanced Middle School Math" program recommended for advanced 4th-8th graders. Open to talented students worldwide.

How to enroll: An online application that includes academic achievements, GPA, honors/AP courses taken, competition experience, and previous advanced courses/camps.

Source: <https://cybermath.org/summer-math-camp/stanford>

Math

CyberMath Academy Summer Math Camps (Harvard University Campus)

CyberMath Academy

CyberMath Academy's Summer Math Camp at Harvard University (July 20-31, 2026) offers advanced middle school math for students aged 9-16.

Applications are accepted until spots are filled, with tuition ranging from \$3,899 to \$7,499.

Who's eligible: Ages 9-16, with an "Advanced Middle School Math" program recommended for advanced 4th-8th graders. Open to talented students worldwide.

How to enroll: An online application that includes academic achievements, GPA, honors/AP courses taken, competition experience, and previous advanced courses/camps.

Source: <https://cybermath.org/summer-math-camp/harvard>

Robotics

Coding & CS

SciGenie NOVA STEM Summer Camps

SciGenie

Hands-on STEM summer camps for K-5 students in Northern Virginia (NOVA), focusing on robotics, coding, and experiments. Registration for 2026 Summer Camps is open. Specific dates and costs not detailed.

Who's eligible: K-5 grade students in Northern Virginia (NOVA).

How to enroll: Registration is open; further information on website.

Source: <https://scigenie.com/>

Math

Zearn Summer Intensive Series

Zearn

Free online math learning for students rising into 1st through 9th grades, designed to build foundational skills for the upcoming school year. Provides daily digital lessons for procedural fluency and conceptual understanding.

Who's eligible: Rising 1st through 9th graders (covers K-5 for incoming 1st graders).

How to enroll: Create a free individual teacher/family account on the Zearn website.

Source: <https://www.zearn.org/>

Math

The Math League International Summer Challenge

The Math League

The Math League hosts an online International Summer Challenge open to students in various grade levels. Participants engage in two contests: a 10-to-15-Question Short Answer Contest and a 60-Question Speed Round Contest.

Who's eligible: Open to all interested students in grades 3, 4, and 5 (and other higher grades) from the United States and Canada. Students from Asia should email for participation.

How to enroll: Online registration and payment of the fee.

Source: <http://www.mathleague.com/>

Math

mathleague.org Elementary School Contests

mathleague.org

mathleague.org offers monthly qualifying math contests for students in grades K-5 throughout the school year, with District, State, National, and International Championships. Contests can be taken in-person, online (live proctored), or on-demand.

Deadline: Jan 31, 2027

Who's eligible: Elementary school students (K-5 for the overall program, specific grades for individual contests like 4th and 5th grade contests mentioned).

How to enroll: Schools must submit a mathleague.org annual school membership (free) before registering for contests. Students register for specific contests.

Source: <http://www.mathleague.com/index.php/29-mathleague/elementary/257-elementary-program>

Science

National Science League

Continental Mathematics League, Inc.

A national science competition for grades 2-6, managed by the Continental Mathematics League. Students take a timed exam. Annual event, registration details for 2026-2027 typically released later.

Who's eligible: Students in grades 2 through 6. Administered through schools.

How to enroll: Schools download exam materials and proctor the test.

Source: <https://www.cmleague.com/product-category/nsf/>

Science

Robotics

Camp Invention® 2026

National Inventors Hall of Fame®

Camp Invention, organized by the National Inventors Hall of Fame, offers hands-on STEM adventures for students entering grades K-6. The 2026 program, "Spark," features activities in ocean innovation, forensic science, intellectual property, and space exploration, operating at various locations nationwide.

Who's eligible: Students entering grades K-6.

How to enroll: Online or mail registration.

Source: <https://www.invent.org/camp-invention/>

Math

Coding & CS

AoPS Academy Virtual Campus (Year-Round Math Courses)

Art of Problem Solving (AoPS)

Advanced online math courses for motivated students in grades 2-12, offered year-round by Art of Problem Solving. Enrollment for Fall 2026/Spring 2027 begins July 15, 2026.

Deadline: Jul 15, 2026

Who's eligible: Advanced students in grades 2-12. Placement tests recommended for new students.

How to enroll: Create an account on the AoPS Academy Virtual Campus website and register for classes.

Source: <https://virtual.aopsacademy.org/>

Science

Science Beginnings: After School Science Classes (Fall 2026)

Science Beginnings

After-school science enrichment classes for elementary-aged children in the East Bay, California area for Fall 2026, with topics like 'Food Chemistry' and 'Physics Fun'.

Who's eligible: Elementary-aged children interested in science.

How to enroll: Contact the organizer for program-specific enrollment details.

Source: <https://www.sciencebeginnings.com>

Science

Discover Science Center After-School Programs (Fall 2026)

Discover Science Center

Hands-on after-school science enrichment programs like 'Mini Med School' and 'Critter Club' for elementary students in Georgia for Fall 2026. Registration is open for specific confirmed schools.

Who's eligible: Designed for elementary-aged children, including kindergarteners.

How to enroll: Families are encouraged to be on the mailing list for updates. Registration is handled through the specified schools.

Source: <https://discoversciencecenter.com>

Science

Florida Elementary Science Olympiad

Florida Elementary Science Olympiad

Team-based science competitions for K-5 students in Florida, with events typically aimed at 4th and 5th graders. Registration for the 2026-2027 academic year is currently open, with tournaments scheduled for April 2027.

Who's eligible: Students in K-5 (events aimed at 4th-5th grade; up to two 6th graders allowed per team), typically forming teams of up to 15 students from the same school (public, private, or homeschooled).

How to enroll: Form a team of up to 15 students and pay the registration fee.

Source: <https://www.floridascienceolympiad.org/>

Math

Math Kangaroo Team Competition 2026

Math Kangaroo USA

An in-person, national math competition for teams of 2-4 students in grades 1-4 (based on the highest-grade member). Registration is open from June 15, 2026, to October 15, 2026. The competition is held in November 2026.

Deadline: Oct 15, 2026

Who's eligible: Teams of 2-4 students. A team competes in the division of its highest-grade member. Grades 1-4 take a 24-question test.

How to enroll: A coach must form a team, complete registration, and submit payment.

Source: https://vertexaisearch.cloud.google.com/grounding-api-redirect/AUZIYQHWo67iBkASWFpTA1hY4KIA6o8LKrI9p1yCvPeN9_Yfh5MoOqcOnQ4mole7dxAdBK-_02CWYmZtXe6BgKX77BLxXpwu-nXNwr35JzYriABLq3FNTC-Wd36EK0xBe27Cbl-PqZKNcxAhnCjPJo-aocG5-ntrZVy-RLtjWguY_s1Y0zaibWXoPWPrxgMmaa73PRcBff4RaozoN5VxVQ==

Math

Outschool (Live Online Math Classes)

Outschool

Outschool offers live online math classes taught by vetted teachers for students aged 3 to 18, covering K-5. Classes are in small groups with ongoing enrollment available.

Who's eligible: Students aged 3 to 18.

How to enroll: Outschool account and sign up for specific classes.

Source: <https://outschool.com>

Math

Khan Academy: Camp Khan Kids

Khan Academy

A free, self-paced digital program with weekly themes designed for children ages 2-8, offering on-screen adventures and fun activities. Available online throughout Summer 2026.

Who's eligible: Children ages 2-8.

How to enroll: Free Khan Academy account.

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

Math

Launch Math + Science Centers - Math Enrichment Fall 2026

Launch Math + Science Centers

In-person Math Enrichment programs for Fall 2026 at Launch Math + Science Centers in New York, NY. Programs for Juniors (K+1st) and Kids (2nd-4th) start September 14, 2026.

Deadline: Sep 20, 2026

Who's eligible: Students in Kindergarten through 4th grade.

How to enroll: Online registration and payment.

Source: <https://launchmath.com>

Science

Camp Curiosity: Summer Day Camps 2026

Great Lakes Science Center

Weekly summer camps at the Great Lakes Science Center in Cleveland, OH, offering STEM themes like space adventures and forensic mysteries for grades K-2 and 3-6. Sessions run from June 1 to August 7, 2026.

Who's eligible: Students in grades K-6

How to enroll: Online registration

Source: <https://greatlakesscience.com/explore/events-programs/camps/>

Science

Robotics

National Youth Leadership Forum (NYLF): Pathways to STEM

Envision

A residential and commuter summer program for students in grades 3-5, introducing STEM foundations through interactive labs and real-world simulations in areas like robotics, medicine, engineering, and forensic science.

Who's eligible: Students in grades 3-5

How to enroll: Online enrollment

Source: <https://www.envisionexperience.com/explore-our-programs/national-youth-leadership-forum-pathways-to-stem-elementary-school>

Science

Mad Science of Colorado - Chemicals, Cells & Crime

Mad Science of Colorado

A full-day science camp for students in grades K-5, held from July 13-17, 2026, exploring chemistry, biology, and forensic science through hands-on experiments.

Deadline: Jul 12, 2026

Who's eligible: Students in grades K-5

How to enroll: Sign in or create an account on the Mad Science of Colorado website

Source: <https://colorado.madscience.org/camp-details.aspx?id=A34F90D7-F514-4137-A319-E062B2896504>

Middle (6-8)

Robotics

Coding & CS

URJ 6 Points Sci-Tech Academy

Union for Reform Judaism

An overnight summer camp offering programs in robotics, video game design, and sciences for middle school students (ages 11-13) and other age groups.

Who's eligible: Middle School students (ages 11-13), also upper elementary and high school.

How to enroll: Online registration and payment of tuition.

Source: <https://www.scienceatl.org/atlanta-area-stem-summer-camps>

Coding & CS

Robotics

STEM Center USA Summer Camps

STEM Center USA

STEM Center USA offers K-12 summer camps across Southern California for 2026, focusing on robotics, game design, coding, and electronics. Camps are weeklong and aim to provide engaging, hands-on STEM experiences. Registration is open.

Who's eligible: K-12 students, with specific camps for different age groups.

How to enroll: Online registration through their website.

Source: <https://stemcenterusa.com/>

Science

Ohio Science Olympiad (Division B)

The Ohio State University

A competitive program for middle school students (grades 6-8) in Ohio, promoting scientific inquiry and problem-solving through various events. Registration for the 2026-2027 season opens September 3, 2026.

Deadline: Dec 17, 2026

Who's eligible: Students must be part of a registered team through their school.

Source: <https://ohso.osu.edu>

Science

Coding & CS

ORISE K-12 STEM Competitions

Oak Ridge Institute for Science and Education (ORISE)

Oak Ridge Institute for Science and Education (ORISE) offers virtual STEM competitions for K-12 students throughout the year, focusing on various science and technology topics. Participation is free.

Who's eligible: Students enrolled in a U.S., U.S. territory, or DoDEA school (grades K-12).

How to enroll: Online entry form and submission of research/project by deadline.

Source: <https://orise.ornl.gov/k-12/stem-competitions/>

Science

Robotics

Summer of STEM Adventures 2026

Talcott Mountain Science Center, Academy, & Research Institute

Talcott Mountain Science Center offers seven weeks of hands-on STEM programs for rising K-8 students, focusing on creativity and problem-solving. Programs are organized into grade bands (K-2, 3-5, 6-8).

Who's eligible: Rising K-8 students. Kindergarteners must turn 5 by June 22, 2026.

How to enroll: Online registration for courses.

Source: <https://www.tmsc.org/programs/summer-of-stem-adventures>

Math

Math Madness

AreteLabs

A national team-based online math competition for elementary, middle, and high school students organized by AreteLabs. Fall 2026 event includes practice rounds and an official season, with registration open through late October 2026. Teams of 5+ students can compete with varying costs based on size.

Deadline: Oct 31, 2026

Who's eligible: Teams require a minimum of 5 students. Open to elementary (grades 3-5), middle, and high school students.

How to enroll: Team registration.

Source: <https://aretelabs.com>

Science

Debate & Speech

Destination Imagination - Scientific Challenge (Lab Legends)

Destination Imagination

STEAM-focused, project-based team competition for K-12 students, with the 2026-27 Scientific Challenge focusing on applied science and storytelling.

Deadline: Jul 14, 2026

Who's eligible: Teams of 2 to 7 K-12 students, requiring an educator or adult manager.

How to enroll: Registration required for a Team Number. Full challenge details released July 31, 2026.

Source: <https://www.destinationimagination.org/>

Math

AoPS Academy (Fall 2026/Spring 2027 Academy Programs)

Art of Problem Solving (AoPS)

Rigorous academic year programs for advanced students in grades 6-12, focusing on building strong math foundations and creative problem-solving through online and in-person classes.

Who's eligible: Advanced students in grades 6-12. Placement tests may be required.

How to enroll: Online enrollment. Placement tests may be required.

Source: <https://aopsacademy.org/>

Math

Art & Design

Girls Rock Math Summer Camp

Girls Rock Math

Girls Rock Math Summer Camp provides arts-based math programs for girls in grades K-5 (ages 5-9 or rising 1st-6th grade) at locations in California and Washington. The camps run through July and August 2026, emphasizing hands-on projects, creativity, and games to build confidence in math.

Who's eligible: Rising grades 1-6 or ages 5-9, depending on the camp and theme.

How to enroll: Online registration; parents fill out an inquiry form, and the camp team will guide through payment and details.

Source: <https://girlsrockmath.org/>

Register: <https://girlsrockmath.org/register/>

Math Coding & CS

Math Madness

Arete Labs

Math Madness is a 100% online, team-based math competition for students in grades 3-12. The Fall 2026-27 event features practice and tournament rounds from September to November. Teams of at least 5 students from the same school compete in timed matches.

Deadline: Oct 31, 2026

Who's eligible: Elementary school (grades 3-5). A team requires a minimum of 5 students from the same school.

How to enroll: A teacher activates a free account, creates a team, and adds student members.

Source: https://www.aretelabs.com/math_madness/about

Register: <https://www.aretelabs.com/login>

Robotics Science

Camp Curiosity: Summer Day Camps 2026 (Robotics 6-8 Camps)

Great Lakes Science Center

The Great Lakes Science Center offers week-long 'Robotics 6-8 Camps' from June 1 to August 7, 2026, for students entering grades 6-8. Registration is ongoing until camps are full. Cost is \$400 per week.

Who's eligible: Campers entering grades 6-8 in fall 2026.

How to enroll: Registration, payment of fees.

Source: <https://www.greatlakesscience.com/explore/events-programs/camps/camp-curiosity-summer-day-camps-2026/>

Coding & CS

Science

Congressional App Challenge

U.S. House of Representatives

The Congressional App Challenge is a nationwide STEM competition inviting middle and high school students (grades 6-12) to design and build original apps that solve real-world problems, with submissions due October 26, 2026.

Deadline: Oct 26, 2026

Who's eligible: Middle and high school students (grades 6-12) who reside in or attend school in a participating congressional district. Teams of up to 4 students are allowed.

How to enroll: Students design and build an original app and submit it by the deadline.

Source: <https://www.congressionalappchallenge.us/>

Math

Noetic Learning Math Contest (NLMC)

Noetic Learning

The Noetic Learning Math Contest is a biannual math competition for students in grades 2-8, focusing on problem-solving and critical thinking, held in November and April. Registration for the November 2026 contest will open prior to the event.

Who's eligible: Grades 2-8. Parents can register a "team of one" if their school does not participate.

How to enroll: Registration online, typically by a teacher, parent, or coach.

Source: <https://www.noetic-learning.com>

Register: <https://www.noetic-learning.com>

Math

Perennial Math Virtual Tournaments

Perennial Math

Perennial Math offers live, 60-minute virtual math tournaments for students in grades 3-12 via video conferencing. Registration is ongoing, with no explicit deadlines provided for individual tournaments.

Who's eligible: Grades 3-12. Parents may register students if the school is not participating.

How to enroll: Online registration through the website.

Source: <https://perennialmath.com/virtual-tournaments>

Register: <https://perennialmath.com/virtual-tournaments>

Coding & CS

Robotics

CU Science Discovery Summer Camps

University of Colorado Boulder

University of Colorado Boulder offers STEM summer camps for K-12 students, including specific programs for grades 6-8, focusing on areas like Python, AI, Arduino, and drones. Online registration is open for Summer 2026.

Who's eligible: Students in grades K-12, with specific programs for grades 6-8.

How to enroll: Online registration. Financial assistance may be available.

Source: <https://www.colorado.edu/sciencediscovery/>

Science

Youth Science Institute (YSI) Hands-On Science Camp

Youth Science Institute (YSI)

Week-long science camps for students Pre-K through 8th grade in California, running June 8th to August 7th, 2026. Offers over 25 classes exploring various scientific disciplines with hands-on activities.

Who's eligible: Students from Pre-K through 8th grade.

How to enroll: Registration for week-long sessions.

Source: <https://www.ysi-ca.org/>

Register: <https://www.ysi-ca.org/summer-camp-2026>

Robotics Science

FIRST LEGO League Challenge

FIRST (For Inspiration and Recognition of Science and Technology)

Introduces STEM to students in grades 4-8 through hands-on robotics challenges using LEGO. Registration for the 2026-2027 season, "BIOGLOW™", is open until October 31, 2026.

Deadline: Oct 31, 2026

Who's eligible: Students in grades 4-8.

How to enroll: Team registration, ability to purchase Challenge Set (approx. \$105).

Source: <https://www.firstinspires.org/>

Science Coding & CS

Discovery Lab Summer Camps

Discovery Lab

Discovery Lab in Tulsa, Oklahoma, offers summer camps for pre-kindergarten to 6th-grade students, focusing on chemistry, engineering, and technology through engaging activities.

Who's eligible: Pre-kindergarten to 6th-grade students.

Source: <https://www.discoverylab.org/camps>

Science Robotics

Camp Invention

National Inventors Hall of Fame

Camp Invention offers week-long summer STEM programs nationwide for children entering grades K-6. The 2026 "Spark" program features hands-on activities focused on innovation, robotics, and space exploration.

Who's eligible: Children entering grades K-6.

How to enroll: Packed lunch, snack, water bottle, and comfortable clothing.

Source: <https://www.invent.org/>

Register: <https://www.invent.org/save/summer-camp>

Math Coding & CS

Art of Problem Solving (AoPS) Online Courses

Art of Problem Solving (AoPS)

AoPS offers rigorous online math courses for motivated middle school students (grades 6-8), focusing on advanced problem-solving skills beyond standard curricula.

Who's eligible: Motivated middle school students (grades 6-8) with math skills often determined by placement tests.

How to enroll: Direct enrollment through the AoPS website.

Source: <https://artofproblemsolving.com/>

Math Science

AwesomeMath STEM Academy

AwesomeMath

The AwesomeMath STEM Academy offers live, virtual classes for middle and high school students, focusing on advanced mathematics and physics.

Enrollment for Fall 2026 and Spring 2027 begins in July 2026. No application is required; students select and enroll in desired classes.

Deadline: Jul 15, 2026

Who's eligible: Talented middle school and high school students.

How to enroll: Direct enrollment in chosen classes; no application is required to participate in the Academy.

Source: <https://www.awesomemath.org/program-information>

Math

MATHCOUNTS Competition Series 2026-2027 Season

MATHCOUNTS Foundation

A national middle school mathematics competition for grades 6-8, organized by MATHCOUNTS Foundation. Registration opens in August 2026, with competitions running from August 2026 to May 2027.

Who's eligible: Students in grades 6-8.

How to enroll: Schools typically register teams, though non-school competitors can also register.

Source: <https://www.mathcounts.org/programs/competition-series>

Math

PROMYS Pathways Summer Program

PROMYS

A free, rigorous four-week summer program in deep mathematical exploration for students residing in Massachusetts, in grades 8 or high school, with applications still being accepted for the 2026 program.

Who's eligible: Students who reside full-time in Massachusetts, are attending high school or are in 8th grade in Massachusetts, are available for the entire program duration, are motivated in mathematics, and might not otherwise have access to extracurricular math opportunities.

How to enroll: Completed online application.

Source: <https://promys.org/pathways/>

Register: <https://promys.org/pathways/>

Robotics

Science

Camp Curiosity: Summer Day Camps 2026 (Great Lakes Science Center)

Great Lakes Science Center

Week-long summer day camps for students entering grades K-8, with specific 'Robotics 6-8 Camps' available. Registration is currently open.

Who's eligible: Students entering grades 6-8 in Fall 2026.

How to enroll: Registration and payment.

Source: <https://www.greatlakesscience.com/explore/events-programs/camps/camp-curiosity/>

Science

CEF You Be The Solution Challenge

Chemical Educational Foundation (CEF)

The CEF You Be The Solution Challenge is a science competition for grades 5-8, organized by the Chemical Educational Foundation. The Qualifier Round for the 2026 competition is on December 12, 2026, with registration typically open from October to December.

Deadline: Dec 12, 2026

Who's eligible: Teams of 3-4 students in grades 5-8. For primary school, grades 5-6 are eligible. Requires an adult Team Coordinator.

How to enroll: Teams of 3-4 students with an adult Team Coordinator. Students participate in a multiple-choice qualifier test, and teams create a video for later stages.

Source: <https://www.chemed.org/programs/challenge/>

Science

ExploraVision

Toshiba and National Science Teaching Association (NSTA)

ExploraVision is a competition sponsored by Toshiba and administered by NSTA for K-12 students in the United States. Students compete in teams to develop innovative technology concepts. The deadline for the 2025-2026 competition was February 3, 2026, with information for the 2026-2027 program opening in fall 2026.

Deadline: Feb 01, 2027

Who's eligible: K-12 students in the United States, U.S. Territories, or DoDEA schools abroad. Students compete in teams of 2-4 with a teacher/coach. Categories for Primary Level (Grades K-3) and Upper Elementary Level (Grades 4-6).

How to enroll: Coaches register online, and teams complete projects including a title, abstract, project description (up to 11 pages), bibliography, and five sample web pages. Projects are submitted online.

Source: <https://www.exploravision.org/>

Register: <https://www.exploravision.org/>

Math

Cuemath Live 1:1 Online Math Tutoring

Cuemath

Cuemath provides live, 1:1 online math tutoring for students in Grades K-12. This is a continuous program with flexible scheduling and a cost starting at \$22.5 per class.

Who's eligible: Grades K through 12

How to enroll: Likely involves an initial assessment and setting up a subscription.

Source: <https://www.cuemath.com/>

Science

You Be The Chemist Challenge

Chemical Educational Foundation (CEF)

A national science competition for students in grades 5-8, organized by the Chemical Educational Foundation. Teams compete in a qualifier round and potentially advanced stages, culminating in regional, state, and national finals.

Who's eligible: Students in grades 5-8. Participants compete in teams of four.

How to enroll: Teams take a multiple-choice qualifier test, and advanced teams participate in collaborative short-answer questions and create a video.

Source: <https://www.chemed.org/>

Math

Khan Academy Math

Khan Academy

Khan Academy offers a comprehensive and free online platform for K-12 math education. It provides personalized learning experiences, allowing students to learn at their own pace, fill knowledge gaps, and accelerate their learning.

Who's eligible: All K-12 students.

How to enroll: Create a free account.

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

Math

Math Kangaroo

Math Kangaroo

An international individual math competition focused on logic and creativity, open to students in grades 1-12, typically held in March.

Who's eligible: Students in grades 1-6 for the elementary band.

How to enroll: Registration through a local center or online.

Source: <https://mathkangaroo.org/mks/>

Math

Perennial Math National Championship

Perennial Math

Hosts online competitions, live on-site tournaments, and virtual tournaments for students in grades 3-12, with multiple seasons for online tournaments.

Who's eligible: Students in grades 3-12.

How to enroll: Team membership available for a fee.

Source: <https://perennialmath.com/>

Math

Art of Problem Solving (AoPS) Online School - Middle School Courses

Art of Problem Solving

Rigorous online math courses for advanced middle school students, covering topics such as algebra, counting, probability, and geometry with an emphasis on critical thinking.

Who's eligible: Generally recommended for students in grades 6-8 and above, depending on the specific course and its prerequisites.

How to enroll: Registration for chosen courses; placement tests may be available to help select the appropriate level.

Source: <https://artofproblemsolving.com/school/>

Register: <https://artofproblemsolving.com/school/>

Math Coding & CS

Math Madness Team Event (Fall 2026)

American Mathematics Competitions (AMC) and AreteLabs

An entirely online, team-based mathematics competition for middle schoolers, featuring practice rounds, league/scrimmage rounds, and a single-elimination bracket tournament aligned with AMC 8 content.

Deadline: Oct 31, 2026

Who's eligible: Middle school students (grades 6-8). A team must consist of a minimum of 5 students, with no maximum team size.

How to enroll: Team registration and payment.

Source: <https://www.aretelabs.com/math-madness>

Register: <https://www.aretelabs.com/math-madness>

Math

Noetic Learning Math Contest (NLMC)

Noetic Learning

The Noetic Learning Math Contest is a semiannual problem-solving competition for students in grades 2-8. Registration for the Fall 2026 contest is expected to open in late Summer/early Fall 2026, with a fee of \$99 per team.

Who's eligible: Grades 2-8.

How to enroll: Register online as a Team Leader (for schools) or At-Home participant (for parents/guardians).

Source: <https://www.noetic-learning.com/mathcontest>

Science

Civics & History

Future City Competition

DiscoverE

Middle school students in grades 6-8 design and build future cities addressing sustainability issues, with a focus on wildfire resilience for the 2026-2027 season. Teams create virtual and physical models, essays, and presentations.

Deadline: Oct 31, 2026

Who's eligible: Students in grades 6, 7, and 8. Teams require at least three students, an educator, and a volunteer mentor.

How to enroll: Teams register through an educator/school and complete project deliverables including a virtual city design, a physical model, an essay, and a presentation.

Source: <https://futurecity.org/>

Math

CyberMath Academy Summer Math Camps (Stanford University Area)

CyberMath Academy

The CyberMath Academy hosts a Summer Math Camp near Stanford University (July 6-17, 2026) for students aged 9-16, focusing on advanced middle school math. Registration is ongoing, with tuition between \$3,899 and \$7,499.

Who's eligible: Ages 9-16, with an "Advanced Middle School Math" program recommended for advanced 4th-8th graders. Open to talented students worldwide.

How to enroll: An online application that includes academic achievements, GPA, honors/AP courses taken, competition experience, and previous advanced courses/camps.

Source: <https://cybermath.org/summer-math-camp/stanford>

Math

CyberMath Academy Summer Math Camps (Harvard University Campus)

CyberMath Academy

CyberMath Academy's Summer Math Camp at Harvard University (July 20-31, 2026) offers advanced middle school math for students aged 9-16.

Applications are accepted until spots are filled, with tuition ranging from \$3,899 to \$7,499.

Who's eligible: Ages 9-16, with an "Advanced Middle School Math" program recommended for advanced 4th-8th graders. Open to talented students worldwide.

How to enroll: An online application that includes academic achievements, GPA, honors/AP courses taken, competition experience, and previous advanced courses/camps.

Source: <https://cybermath.org/summer-math-camp/harvard>

Math

Zearn Summer Intensive Series

Zearn

Free online math learning for students rising into 1st through 9th grades, designed to build foundational skills for the upcoming school year. Provides daily digital lessons for procedural fluency and conceptual understanding.

Who's eligible: Rising 1st through 9th graders (covers K-5 for incoming 1st graders).

How to enroll: Create a free individual teacher/family account on the Zearn website.

Source: <https://www.zearn.org/>

Math

National Math Camps

National Math Camps

Immersive two-week residential summer enrichment camps for mathematically talented students aged 11-14, exploring advanced mathematical topics.

Who's eligible: Mathematically talented students aged 11-14 (as of June 1).

How to enroll: An application that includes a short problem set.

Source: <https://www.nationalmathcamps.org>

Science

National Science League

Continental Mathematics League, Inc.

A national science competition for grades 2-6, managed by the Continental Mathematics League. Students take a timed exam. Annual event, registration details for 2026-2027 typically released later.

Who's eligible: Students in grades 2 through 6. Administered through schools.

How to enroll: Schools download exam materials and proctor the test.

Source: <https://www.cmleague.com/product-category/nsf/>

Science

Robotics

Camp Invention® 2026

National Inventors Hall of Fame®

Camp Invention, organized by the National Inventors Hall of Fame, offers hands-on STEM adventures for students entering grades K-6. The 2026 program, "Spark," features activities in ocean innovation, forensic science, intellectual property, and space exploration, operating at various locations nationwide.

Who's eligible: Students entering grades K-6.

How to enroll: Online or mail registration.

Source: <https://www.invent.org/camp-invention/>

Science

Math

Science Olympiad (Division B)

Science Olympiad Inc.

A leading team STEM competition for middle school students (grades 6-9), with teams competing in 23 events across various science disciplines.

Who's eligible: Students in grades 6-9. Teams typically composed of up to 15 students from one school.

How to enroll: Registration through State Chapter. Membership fee varies by state.

Source: <https://www.soinc.org>

Math Coding & CS

AoPS Academy Virtual Campus (Year-Round Math Courses)

Art of Problem Solving (AoPS)

Advanced online math courses for motivated students in grades 2-12, offered year-round by Art of Problem Solving. Enrollment for Fall 2026/Spring 2027 begins July 15, 2026.

Deadline: Jul 15, 2026

Who's eligible: Advanced students in grades 2-12. Placement tests recommended for new students.

How to enroll: Create an account on the AoPS Academy Virtual Campus website and register for classes.

Source: <https://virtual.aopsacademy.org/>

Math

Sigma Math Contest

SIGMA

SIGMA is a mathematics league designed to promote problem-solving through competition for students in grades 6, 7, 8, and 9. It offers opportunities for students to apply mathematical knowledge to non-routine problems and compete nationally.

Who's eligible: Students in grades 6, 7, 8, and 9. Any interested student is eligible.

How to enroll: Schools register first to create a group, then students register individually. Rolling registration throughout the year.

Source: <https://www.sigmamathcontest.com/>

Science

Florida Elementary Science Olympiad

Florida Elementary Science Olympiad

Team-based science competitions for K-5 students in Florida, with events typically aimed at 4th and 5th graders. Registration for the 2026-2027 academic year is currently open, with tournaments scheduled for April 2027.

Who's eligible: Students in K-5 (events aimed at 4th-5th grade; up to two 6th graders allowed per team), typically forming teams of up to 15 students from the same school (public, private, or homeschools).

How to enroll: Form a team of up to 15 students and pay the registration fee.

Source: <https://www.floridascienceolympiad.org/>

Math

Math Kangaroo Team Competition 2026

Math Kangaroo USA

An in-person, national math competition for teams of 2-4 students in grades 1-4 (based on the highest-grade member). Registration is open from June 15, 2026, to October 15, 2026. The competition is held in November 2026.

Deadline: Oct 15, 2026

Who's eligible: Teams of 2-4 students. A team competes in the division of its highest-grade member. Grades 1-4 take a 24-question test.

How to enroll: A coach must form a team, complete registration, and submit payment.

Source: https://vertexaisearch.cloud.google.com/grounding-api-redirect/AUZIYQHWo67iBkASWFpTA1hY4KIA6o8LKrI9p1yCvPeN9_Yfh5MoOqcOnQ4mole7dxAdBK-_02CWYmZtXe6BgKX77BLxXpwu-nXNwr35JzYriABLq3FNTC-Wd36EK0xBe27Cbl-PqZKNcxAhnCjPJo-aocG5-ntrZVy-RLtjWguY_s1Y0zaibWXoPWPrxgMmaa73PRcBff4RaozoN5VxVQ==

Science

Camp Curiosity: Summer Day Camps 2026

Great Lakes Science Center

Weekly summer camps at the Great Lakes Science Center in Cleveland, OH, offering STEM themes like space adventures and forensic mysteries for grades K-2 and 3-6. Sessions run from June 1 to August 7, 2026.

Who's eligible: Students in grades K-6

How to enroll: Online registration

Source: <https://greatlakesscience.com/explore/events-programs/camps/>

High (9-12)

Robotics

Coding & CS

URJ 6 Points Sci-Tech Academy

Union for Reform Judaism

An overnight summer camp offering programs in robotics, video game design, and sciences for middle school students (ages 11-13) and other age groups.

Who's eligible: Middle School students (ages 11-13), also upper elementary and high school.

How to enroll: Online registration and payment of tuition.

Source: <https://www.scienceatl.org/atlanta-area-stem-summer-camps>

Coding & CS

Robotics

STEM Center USA Summer Camps

STEM Center USA

STEM Center USA offers K-12 summer camps across Southern California for 2026, focusing on robotics, game design, coding, and electronics. Camps are weeklong and aim to provide engaging, hands-on STEM experiences. Registration is open.

Who's eligible: K-12 students, with specific camps for different age groups.

How to enroll: Online registration through their website.

Source: <https://stemcenterusa.com/>

Science

Coding & CS

ORISE K-12 STEM Competitions

Oak Ridge Institute for Science and Education (ORISE)

Oak Ridge Institute for Science and Education (ORISE) offers virtual STEM competitions for K-12 students throughout the year, focusing on various science and technology topics. Participation is free.

Who's eligible: Students enrolled in a U.S., U.S. territory, or DoDEA school (grades K-12).

How to enroll: Online entry form and submission of research/project by deadline.

Source: <https://orise.ornl.gov/k-12/stem-competitions/>

Math

Math Madness

AreteLabs

A national team-based online math competition for elementary, middle, and high school students organized by AreteLabs. Fall 2026 event includes practice rounds and an official season, with registration open through late October 2026. Teams of 5+ students can compete with varying costs based on size.

Deadline: Oct 31, 2026

Who's eligible: Teams require a minimum of 5 students. Open to elementary (grades 3-5), middle, and high school students.

How to enroll: Team registration.

Source: <https://aretelabs.com>

Science

Debate & Speech

Destination Imagination - Scientific Challenge (Lab Legends)

Destination Imagination

STEAM-focused, project-based team competition for K-12 students, with the 2026-27 Scientific Challenge focusing on applied science and storytelling.

Deadline: Jul 14, 2026

Who's eligible: Teams of 2 to 7 K-12 students, requiring an educator or adult manager.

How to enroll: Registration required for a Team Number. Full challenge details released July 31, 2026.

Source: <https://www.destinationimagination.org/>

Math

Math Kangaroo Team Competition (In-Person)

Math Kangaroo USA

A team-based competition for high school students, focusing on multiple-choice and short answer questions. Teams consist of 2–4 students.

Deadline: Oct 15, 2026

Source: <https://mathkangaroo.org/mks/math-kangaroo-team-competition/>

Science

Math

Regeneron Science Talent Search (Regeneron STS)

Society for Science

The nation's most prestigious science research competition for high school seniors, identifying future leaders in STEM. Applicants submit original research in scientific fields, including mathematics.

Deadline: Nov 05, 2026

Who's eligible: High school seniors (final year of high school) who have not yet graduated.

Source: <https://www.societyforscience.org/regeneron-sts/>

Math

AoPS Academy (Fall 2026/Spring 2027 Academy Programs)

Art of Problem Solving (AoPS)

Rigorous academic year programs for advanced students in grades 6-12, focusing on building strong math foundations and creative problem-solving through online and in-person classes.

Who's eligible: Advanced students in grades 6-12. Placement tests may be required.

How to enroll: Online enrollment. Placement tests may be required.

Source: <https://aopsacademy.org/>

Math Coding & CS

Math Madness

Arete Labs

Math Madness is a 100% online, team-based math competition for students in grades 3-12. The Fall 2026-27 event features practice and tournament rounds from September to November. Teams of at least 5 students from the same school compete in timed matches.

Deadline: Oct 31, 2026

Who's eligible: Elementary school (grades 3-5). A team requires a minimum of 5 students from the same school.

How to enroll: A teacher activates a free account, creates a team, and adds student members.

Source: https://www.aretelabs.com/math_madness/about

Register: <https://www.aretelabs.com/login>

Coding & CS Science

Congressional App Challenge

U.S. House of Representatives

The Congressional App Challenge is a nationwide STEM competition inviting middle and high school students (grades 6-12) to design and build original apps that solve real-world problems, with submissions due October 26, 2026.

Deadline: Oct 26, 2026

Who's eligible: Middle and high school students (grades 6-12) who reside in or attend school in a participating congressional district. Teams of up to 4 students are allowed.

How to enroll: Students design and build an original app and submit it by the deadline.

Source: <https://www.congressionalappchallenge.us/>

Math

Perennial Math Virtual Tournaments

Perennial Math

Perennial Math offers live, 60-minute virtual math tournaments for students in grades 3-12 via video conferencing. Registration is ongoing, with no explicit deadlines provided for individual tournaments.

Who's eligible: Grades 3-12. Parents may register students if the school is not participating.

How to enroll: Online registration through the website.

Source: <https://perennialmath.com/virtual-tournaments>

Register: <https://perennialmath.com/virtual-tournaments>

Coding & CS

Robotics

CU Science Discovery Summer Camps

University of Colorado Boulder

University of Colorado Boulder offers STEM summer camps for K-12 students, including specific programs for grades 6-8, focusing on areas like Python, AI, Arduino, and drones. Online registration is open for Summer 2026.

Who's eligible: Students in grades K-12, with specific programs for grades 6-8.

How to enroll: Online registration. Financial assistance may be available.

Source: <https://www.colorado.edu/sciencediscovery/>

Math

Science

AwesomeMath STEM Academy

AwesomeMath

The AwesomeMath STEM Academy offers live, virtual classes for middle and high school students, focusing on advanced mathematics and physics.

Enrollment for Fall 2026 and Spring 2027 begins in July 2026. No application is required; students select and enroll in desired classes.

Deadline: Jul 15, 2026

Who's eligible: Talented middle school and high school students.

How to enroll: Direct enrollment in chosen classes; no application is required to participate in the Academy.

Source: <https://www.awesomemath.org/program-information>

Math

PROMYS Pathways Summer Program

PROMYS

A free, rigorous four-week summer program in deep mathematical exploration for students residing in Massachusetts, in grades 8 or high school, with applications still being accepted for the 2026 program.

Who's eligible: Students who reside full-time in Massachusetts, are attending high school or are in 8th grade in Massachusetts, are available for the entire program duration, are motivated in mathematics, and might not otherwise have access to extracurricular math opportunities.

How to enroll: Completed online application.

Source: <https://promys.org/pathways/>

Register: <https://promys.org/pathways/>

Math

The Ross Mathematics Program

Ross Mathematics Program

An intensive six-week residential summer program for motivated pre-college students, focusing on deep mathematical discovery through Number Theory and emphasizing logical rigor.

Deadline: Jan 15, 2027

Who's eligible: Motivated pre-college students who show excellent work on challenging math problems provided as part of the application.

How to enroll: Application, solutions to challenging math problems, financial aid application (if applicable).

Source: <https://rossprogram.org/>

Science

ExploraVision

Toshiba and National Science Teaching Association (NSTA)

ExploraVision is a competition sponsored by Toshiba and administered by NSTA for K-12 students in the United States. Students compete in teams to develop innovative technology concepts. The deadline for the 2025-2026 competition was February 3, 2026, with information for the 2026-2027 program opening in fall 2026.

Deadline: Feb 01, 2027

Who's eligible: K-12 students in the United States, U.S. Territories, or DoDEA schools abroad. Students compete in teams of 2-4 with a teacher/coach. Categories for Primary Level (Grades K-3) and Upper Elementary Level (Grades 4-6).

How to enroll: Coaches register online, and teams complete projects including a title, abstract, project description (up to 11 pages), bibliography, and five sample web pages. Projects are submitted online.

Source: <https://www.exploravision.org/>

Register: <https://www.exploravision.org/>

Math

Science

AwesomeMath STEM Academy

AwesomeMath

The AwesomeMath STEM Academy offers live, virtual classes for talented middle and high school students (ages 12-18) to explore mathematics and physics. Enrollment for Fall 2026 and Spring 2027 classes begins on July 15, 2026.

Who's eligible: Talented middle and high school students (ages 12-18).

How to enroll: Create an account, review course catalog, select courses, and pay tuition.

Source: <https://awesomemath.org>

Math

American Mathematics Competitions (AMC 10/12)

Mathematical Association of America (MAA)

The AMC 10/12 are 75-minute, 25-question multiple-choice exams designed to challenge and develop mathematical problem-solving skills in high school students. Registration for the 2026-2027 cycle begins September 30, 2026.

Deadline: Oct 28, 2026

Who's eligible: AMC 10: grades 10 and below and under 17.5 years of age. AMC 12: grades 12 and below and under 19.5 years of age.

How to enroll: Students typically register through their accredited middle/high schools, colleges/universities, math circles, or learning centers.

Source: <https://maa.org/amc>

Math

Cuemath Live 1:1 Online Math Tutoring

Cuemath

Cuemath provides live, 1:1 online math tutoring for students in Grades K-12. This is a continuous program with flexible scheduling and a cost starting at \$22.5 per class.

Who's eligible: Grades K through 12

How to enroll: Likely involves an initial assessment and setting up a subscription.

Source: <https://www.cuemath.com/>

Math

Khan Academy Math

Khan Academy

Khan Academy offers a comprehensive and free online platform for K-12 math education. It provides personalized learning experiences, allowing students to learn at their own pace, fill knowledge gaps, and accelerate their learning.

Who's eligible: All K-12 students.

How to enroll: Create a free account.

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

Math

Perennial Math National Championship

Perennial Math

Hosts online competitions, live on-site tournaments, and virtual tournaments for students in grades 3-12, with multiple seasons for online tournaments.

Who's eligible: Students in grades 3-12.

How to enroll: Team membership available for a fee.

Source: <https://perennialmath.com/>

Math

Zearn Summer Intensive Series

Zearn

Free online math learning for students rising into 1st through 9th grades, designed to build foundational skills for the upcoming school year. Provides daily digital lessons for procedural fluency and conceptual understanding.

Who's eligible: Rising 1st through 9th graders (covers K-5 for incoming 1st graders).

How to enroll: Create a free individual teacher/family account on the Zearn website.

Source: <https://www.zearn.org/>

Math

Canada/USA Mathcamp - 2027 Application

Canada/USA Mathcamp

An intensive five-week summer program for mathematically talented high school students (ages 13-18) offering exploration of advanced mathematical ideas. Application materials for 2027 expected in January 2027.

Deadline: Feb 28, 2027

Who's eligible: Students aged 13-18 who are comfortable with high-school algebra, geometry, trigonometry, exponents, and logarithms, and have preferably completed precalculus.

How to enroll: Contact information, math background, personal essay, solutions to a Qualifying Quiz (including scratchwork), reference.

Source: <https://www.mathcamp.org/>

Science Math

Science Olympiad (Division B)

Science Olympiad Inc.

A leading team STEM competition for middle school students (grades 6-9), with teams competing in 23 events across various science disciplines.

Who's eligible: Students in grades 6-9. Teams typically composed of up to 15 students from one school.

How to enroll: Registration through State Chapter. Membership fee varies by state.

Source: <https://www.soinc.org>

Math Coding & CS

AoPS Academy Virtual Campus (Year-Round Math Courses)

Art of Problem Solving (AoPS)

Advanced online math courses for motivated students in grades 2-12, offered year-round by Art of Problem Solving. Enrollment for Fall 2026/Spring 2027 begins July 15, 2026.

Deadline: Jul 15, 2026

Who's eligible: Advanced students in grades 2-12. Placement tests recommended for new students.

How to enroll: Create an account on the AoPS Academy Virtual Campus website and register for classes.

Source: <https://virtual.aopsacademy.org/>

Math Coding & CS

CyberMath Academy Summer Math Camp (Harvard University Campus, Boston)

CyberMath Academy

An intensive residential and day summer math camp for advanced high school students (grades 9-12) at Harvard University, July 20–31, 2026. Focuses on advanced reasoning, proof-writing, and AI & Machine Learning projects. Online applications are open.

Who's eligible: Advanced high school students (recommended for 9th-12th graders).

How to enroll: Online applications.

Source: <https://cybermath.org/harvard-summer-math-camp>

Math

Sigma Math Contest

SIGMA

SIGMA is a mathematics league designed to promote problem-solving through competition for students in grades 6, 7, 8, and 9. It offers opportunities for students to apply mathematical knowledge to non-routine problems and compete nationally.

Who's eligible: Students in grades 6, 7, 8, and 9. Any interested student is eligible.

How to enroll: Schools register first to create a group, then students register individually. Rolling registration throughout the year.

Source: <https://www.sigmamathcontest.com/>

Math

Science

MIT PRIMES - 2027 Application

MIT Mathematics Department

A selective, year-long remote research program for high school students (Greater Boston area) in mathematics and computer science, offering in-depth research experiences with MIT mentors. Applications for 2027 open September 2026.

Deadline: Dec 01, 2026

Who's eligible: High school students (or homeschooled students of high school age) living in the Greater Boston area or able to commute to MIT.

How to enroll: Application includes selecting a research track (mathematics or computer science) and submitting required materials (specifics for 2027 to be released).

Source: <https://math.mit.edu/research/highschool/primes/apply.html>