MERIT NEWSLETTER

Merit Newsletter — Week of July 20, 2026

121 opportunities · Week of July 20 – July 26, 2026

Elementary (K–5)

Science Art & Design

Lowell Observatory: Orbits Curiosity Early Learners Camp

Orbits Curiosity Early Learners Camp, Lowell Observatory

A hands-on STEAM program for ages 3-6 (including Kindergarten) at Lowell Observatory, exploring science topics through investigations, games, and art. Camps are held on select Saturdays, with a "Force & Motion" camp on October 17, 2026.

Who's eligible: Ages 3-6 (includes Kindergarten). Parent attendance is mandatory.
How to enroll: Online registration for chosen sessions. Scholarship applications are available.
Source: https://lowell.edu/visit/orbits-curiosity/early-learners-camp/

Science

GSK Science in the Summer Program

GSK and The Franklin Institute

A free educational program for children entering grades 2-6, exploring science careers and practicing scientific techniques with a "Be a Chemist" theme for 2026.

Who's eligible: Children entering grades 2-6.
How to enroll: Registration (details vary by location).
Source: https://www.scienceinthesummer.com

Science

Mad Science Camps

Mad Science

Offers hands-on science camps for students in grades K-5, sparking curiosity and a passion for discovery through fun experiments. Registration for Summer 2026 camps is currently open.

Who's eligible: Generally for K-5 students (Pre-K through 8th grade at some locations/ camps).

Source: https://colorado.madscience.org/parents-camps-p10.aspx

Science Robotics

FIRST LEGO League Explore

FIRST

FIRST LEGO League Explore provides a hands-on STEM experience for students aged 6-10 (grades 1-5) with the "BIOGLOW Challenge" for the 2026-2027 season, focusing on engineering, design, and coding with LEGO® bricks. Registration is open until October 31, 2026.

Deadline: Oct 31, 2026

Who's eligible: Students aged 6-10 (approximately grades 1-5). National program with regional events.

How to enroll: Official team number and BIOGLOW™ Founders Edition Explore Set (included in season cost). Additional fees for event participation may apply.

Source: https://www.firstinspires.org/robotics/fll/cost-and-registration

Science Math

Ideaventions Academy Summer Camps 2026 (Elementary Science Camps)

Ideaventions Academy

Specialized science summer camps for rising 1st-6th graders at Ideaventions Academy in Reston, VA, focusing on hands-on STEM exploration.

Who's eligible: Rising 1st - 6th grades. Children must be 6 years old before the first day they attend camp.

How to enroll: Online registration. Email to join waiting list if camp is full.

Source: https://www.ideaventionsacademy.org/summer

Math

San Francisco Math Circle Summer Math Camps

San Francisco Math Circle

The San Francisco Math Circle offers week-long summer math camps for rising 2nd-6th graders focusing on collaborative exploration of mathematical thinking through puzzles, games, and crafts. Camps are held from June to August 2026.

Who's eligible: Rising 2nd-6th graders (students entering 2nd-6th grade in Fall 2026).

How to enroll: Registration is currently open. Optional extended care available for additional fee. Payment plans and scholarships offered.

Source: https://sfmathcircle.org/math-camp

Science Math

Growing Stars Online One-on-One Science Tutoring

Growing Stars

Personalized online one-on-one science tutoring for elementary kids, focusing on hands-on learning to make complex concepts engaging and build a strong STEM foundation.

Who's eligible: Elementary kids needing personalized science tutoring.

How to enroll: Online access, enrollment at any time.

Source: https://www.growingstars.com/science-enrichment-for-elementary-kids/

Science

Science Fun In-School STEM Field Trips (On-Demand Virtual Option)

Science Fun

Virtual STEM field trips for elementary students, featuring video lessons and science kits delivered to schools for hands-on experiments. Programs meet science standards across all 50 states.

Who's eligible: Elementary students; minimum of 24 students per program.

How to enroll: School scheduling, science kits delivered to school.

Source: https://sciencefun.org/elementary/

Entrepreneurship Science

Invention Convention Worldwide (Local/State Programs Leading to U.S. Nationals)

The Henry Ford

A K-12 invention education program developing problem-solving, entrepreneurship, and creativity skills. Students participate in local/state competitions to qualify for future national events. Registration for 2026-2027 local/state events opens late summer/early fall 2026.

Who's eligible: K-12 students. K-5 students participate at local/state levels.

How to enroll: Students develop an original invention and document their process. Entry requirements vary by local/state program.

Source: https://www.inventionconvention.org/

Math

Caribou Mathematics Competition

Caribou Mathematics Competition

An international online math contest held six times a year for students in grades 3-12, with high school levels (9/10 and 11/12). Features multiple-choice questions within a 50-minute limit. Competitions run October 2026 through May 2027.

Who's eligible: Students in grades 3-12. High school students are in grade bands 9/10 and 11/12.

How to enroll: Registration typically through a school or contact person.

Source: https://cariboutests.com/

Math

Mathnasium Summer Programs

Mathnasium Learning Centers

National franchise offering various summer math programs for K-12 students to prevent summer slide, with options like the 'Summer Unlimited Program' and specialized camps. Enrollment is ongoing.

Who's eligible: Students in grades K-12. Contact local center for specifics.

How to enroll: Contact local Mathnasium center for assessment, schedule, and pricing.

Source: https://www.mathnasium.com

Science Math

Elementary Science Olympiad (Division A)

Science Olympiad

Introduces students in grades K-6 to STEM through hands-on, inquiry-based learning with local events and tournaments. Schools can purchase curriculum and resources to set up local events for the 2026-2027 school year.

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

How to enroll: A school or organization must purchase an Elementary Science Olympiad Manual to organize events.

Source: https://www.soinc.org/programs/elementary

Math Science

University of Minnesota MathCEP - Adventures in Math / Girls Excel in Math

University of Minnesota MathCEP

Three-day summer enrichment programs hosted by the University of Minnesota's MathCEP for students in grades 4-6, exploring mathematics through hands-on activities. Specific programs for girls and general participation available.

Who's eligible: Students in grades 4-6. 'Girls Excel in Math' is open to girl-identified, transgender girls, and nonbinary students.

How to enroll: Program registration. Scholarships available.

Source: https://mathcep.umn.edu/summer-camps

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

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/AUZIYQHWo67iBkASWFpTA1hY4KlA6o8LKrl9p1yCvPeN9_Yfh5MoOqcOnQ4mole7dxAdBK-_02CWYmZtXe6BgKX77BLxXpwu-nXNwr35JzYriABLq3FNTC-Wd36EK0xBe27CbI-PqZKNcxAhnCjPJo-aocG5-ntrZVy-RLtjWguY_s1Y0zaibWXoPWPrxgMmaa73PRcBff4RaozoN5VxVQ==

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

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

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/

Math

Math Olympiads for Elementary and Middle Schools (MOEMS)

Math Olympiads for Elementary and Middle Schools, Inc.

MOEMS is a national math competition fostering creativity and problem-solving skills. The Elementary Division (Division E) is for students in grades 4-6, with contests running monthly from November to March.

Deadline: Oct 31, 2026

Who's eligible: Division E is for students in grades 4-6. Some local organizations may include Grade 3.

How to enroll: Registration by a school or a team leader/coach.

Source: https://www.moems.org/

Register: https://www.moems.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/

Math

Math Kangaroo USA

Math Kangaroo USA, Inc.

Math Kangaroo USA is an international math competition for grades K-12, promoting problem-solving and logical reasoning. It's administered in-person and online.

Deadline: Dec 31, 2026

Who's eligible: All K–12 students residing in the USA or its territories. Kindergarten students take the Grade 1 test (must be able to read independently).

How to enroll: Registration through a Math Kangaroo center (in-person or online) or a virtual center.

Source: https://mathkangaroo.org/

Register: https://mathkangaroo.org/

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

Math

mathleague.org Elementary School Contests

Math League

mathleague.org offers elementary school math contests for grades 3-6, including in-person events and online qualifiers throughout the school year.

Deadline: Jan 31, 2027

Who's eligible: Typically grades 3-6 for qualifiers; specific contests for 4th and 5th grade.

How to enroll: Students can sign up individually for online qualifiers or participate through their school for in-person contests.

Source: https://mathleague.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/

Science

Mad Science After-school Programs

Mad Science

Mad Science provides educational and entertaining after-school programs for children ages 5 to 12, covering various areas of science through hands-on experiments and activities. Each themed class challenges students to explore scientific concepts and channel their inner scientist.

Who's eligible: Children ages 5 to 12.

How to enroll: Programs are offered seasonally.

Source: https://www.madscience.org/parents/afterschool-programs

Science

Club SciKidz After-School STEM Programs

Club SciKidz

Club SciKidz offers unique after-school STEM education programs for children in grades K-6, designed to engage students in observation, measurement, identification of properties, and experimentation across life, earth, and physical science concepts. These inquiry-based lessons use hands-on activities to stimulate interest in science and develop critical thinking skills.

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

How to enroll: Programs run for 6-8 weeks, one hour per week. Minimum of 12 students per program.

Source: https://www.clubscikidz.com/after-school-programs/

Science

Science Explorers After-School STEM Clubs

Science Explorers

Science Explorers offers engaging, hands-on after-school STEM clubs for students in grades 1-5, with different science topics offered throughout the year. Children participate in interactive activities, such as digging for dinosaurs, crafting submarines, and exploring glow-in-the-dark slime.

Who's eligible: Students in grades 1-5.

How to enroll: Registration for the 2025-2026 clubs is open.

Source: https://scienceexplorers.com/after-school-stem-clubs/

Science

Curtis Rising Stars Challenge at the Orlando Science Center

Orlando Science Center

The Orlando Science Center hosts the Curtis Rising Stars Challenge, a science competition specifically designed for students in grades K-5. This competition is part of a larger pipeline of STEM competitions aimed at encouraging young individuals to foster their interest in science and potentially pursue STEM fields.

Who's eligible: Grades K-5.

How to enroll: Participation in science competitions. Further details would be available from the organizer closer to the event period.

Source: https://www.osc.org/educators/science-competitions/

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.orau.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/

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

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/

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

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/

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 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

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/nsl/

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-lB03V2aM

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/

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

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/

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

Science Coding & CS

Club SciKidz Summer Camps

Club SciKidz

Week-long science and technology-themed summer camps for students in grades K-8 offered by Club SciKidz, with numerous franchise locations across the United States providing hands-on activities.

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

How to enroll: Registration is managed through individual franchise websites.

Source: https://www.clubscikidz.com/

Science Coding & CS

Camp Invention Connect™ Elevate

National Inventors Hall of Fame®

A virtual STEM summer camp for curious kids entering grades K-6 offered by the National Inventors Hall of Fame®. This online program allows children to explore hands-on STEM fun at their own pace from anywhere, receiving a materials kit for unique challenges.

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

How to enroll: Registration and a materials kit will be provided.

Source: https://www.invent.org/programs/camp-invention-connect

Science Coding & CS

Camp Invention®

National Inventors Hall of Fame®

Hands-on STEM summer day camps for children entering grades K-6, organized by the National Inventors Hall of Fame®. The 2026 program, "Spark," inspires curiosity through activities like investigating with robotic capybaras and designing space rockets. Camp dates and hours vary by location, typically running during the summer of 2026.

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

How to enroll: Registration with payment plans available. Early registration discounts may be offered.

Source: https://www.invent.org/programs/camp-invention

Math

Brighterly Online Math Program

Brighterly

Brighterly offers online math programs for K-12 students, including live tutoring and a free demo class. Pricing starts at $17.70 per lesson. Summer programs for 2026 are also available.

Who's eligible: K-12.

How to enroll: Arrange a free call or sign up for a demo class.

Source: https://brighterly.com/

Science

Mad Science of Colorado Summer Camps

Mad Science of Colorado

Mad Science of Colorado provides K-5 science camps in the Denver area throughout Summer and Fall 2026, featuring hands-on projects in engineering, chemistry, biology, and physics. Camp dates and registration deadlines vary by specific location and camp.

Who's eligible: Students in grades K-5 in the Denver, CO area.

How to enroll: Online registration through partner recreation center websites.

Source: https://colorado.madscience.org/parents-camps.aspx

Science Coding & CS

Camp Invention® 2026

National Inventors Hall of Fame®

Camp Invention® 2026 offers hands-on STEM adventures nationwide for students entering grades K-6 during Summer 2026. Organized by the National Inventors Hall of Fame®, it focuses on innovation and problem-solving.

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

How to enroll: Online registration required.

Source: https://www.invent.org/program-search/camp-invention/

Math

Beast Academy Live Online Classes

Art of Problem Solving (AoPS)

Beast Academy by Art of Problem Solving (AoPS) offers live online classes for advanced elementary students (grades 2-5, levels 2-5). Enrollment is ongoing with rolling admission, costing $945 per semester.

Who's eligible: Beast Academy Levels 2-5 (ages 7-13), designed for advanced and gifted learners.

How to enroll: Online registration; requires internet access and a device. Classes use Beast Academy Guide and Practice books.

Source: https://beastacademy.com/

Register: https://beastacademy.com/classes/online

Math

Continental Mathematics League (CML)

Continental Mathematics League, Inc.

The Continental Mathematics League (CML) offers problem-solving meets for students in grades 2-12, with specific programs for grades 2-5. The 2026-2027 school year programs are open for registration, costing $90 per team for Grades 2 and 3.

Who's eligible: Grades 2-12; for K-5, specifically grades 2-5 in Pythagorean or Euclidean divisions.

How to enroll: Schools, homeschool organizers, or math team advisors register students.

Source: https://www.cmleague.com/

Register: https://www.cmleague.com/product-category/cml/

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 (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

Beast Academy Online

AoPS Incorporated (Art of Problem Solving)

A comprehensive and advanced online math curriculum for elementary students (ages 6-13) designed to foster a deep understanding of mathematics. Offers access to all online levels (1-5).

Who's eligible: Ages 6-13 (Levels 1-5 cover K-5 equivalent).

How to enroll: Purchase an online subscription. A placement test is recommended to select the starting level.

Source: https://beastacademy.com/online

Register: https://beastacademy.com/enroll/online

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/

Robotics Science

FIRST® LEGO® League - BIOGLOW™ (2026-2027 Season)

FIRST LEGO League

A global robotics program for ages 6-10 (grades 2-5) focused on STEM learning, teamwork, and problem-solving, exploring the world's ecosystems and biodiversity using LEGO technology.

Who's eligible: Ages 6-10 (typically grades 2-5); requires team formation with adult mentors.

How to enroll: Registration, team formation, adult mentors/coaches, generally requires a LEGO robot kit.

Source: https://www.firstinspires.org/robotics/fll

Science Robotics

Camp Invention® 2026 - Spark Program

Camp Invention

A summer STEM camp for students in grades K-6 that focuses on hands-on exploration, problem-solving, and STEM concepts. The 2026 "Spark" program includes activities like robotics, entrepreneurship, and rocket building. Registration is open with early bird discounts available.

Who's eligible: Grades K-6

How to enroll: Registration, payment (with potential early bird discounts)

Source: https://www.invent.org/save/camp

Middle (6–8)

Science

Houston Museum of Natural Science Summer Camps

Houston Museum of Natural Science

Week-long, hands-on science summer camps for children ages 6–12 (including middle school grades 6-8) at the Houston Museum of Natural Science.

Who's eligible: Children ages 6-12, including middle school grades (6-8).

How to enroll: Online registration is required. Membership provides early access and discounts.

Source: https://www.hmns.org/summer-camp/

Science

GSK Science in the Summer Program

GSK and The Franklin Institute

A free educational program for children entering grades 2-6, exploring science careers and practicing scientific techniques with a "Be a Chemist" theme for 2026.

Who's eligible: Children entering grades 2-6.

How to enroll: Registration (details vary by location).

Source: https://www.scienceinthesummer.com

Math

Outschool: Summer 2026: Math Camp for Middle School (Grades 6-8, 12 Weeks)

Outschool

This is a 12-week online math camp designed for middle schoolers (grades 6-8) to strengthen math skills, build confidence, and prevent summer learning loss during Summer 2026.

Who's eligible: Students aged 11-14 (grades 6-8).

How to enroll: Registering and paying through the Outschool platform.

Source: https://outschool.com/classes/summer-2026-math-camp-for-middle-school-grade-6-8-12weeks-g8l5oU2v

Science Robotics

National Youth Leadership Forum (NYLF): Explore STEM

Envision by WorldStrides

A hands-on learning experience for middle school students (grades 6-8) focusing on robotics, medicine, forensic science, and engineering labs, often held on college campuses.

Who's eligible: Middle school students, grades 6-8.

How to enroll: Complete the online enrollment form.

Source: https://www.envisionexperience.com/explore-our-programs/national-youth-leadership-forum-explore-stem

Science Math

Ideaventions Academy Summer Camps 2026 (Elementary Science Camps)

Ideaventions Academy

Specialized science summer camps for rising 1st-6th graders at Ideaventions Academy in Reston, VA, focusing on hands-on STEM exploration.

Who's eligible: Rising 1st - 6th grades. Children must be 6 years old before the first day they attend camp.

How to enroll: Online registration. Email to join waiting list if camp is full.

Source: https://www.ideaventionsacademy.org/summer

Math

San Francisco Math Circle Summer Math Camps

San Francisco Math Circle

The San Francisco Math Circle offers week-long summer math camps for rising 2nd-6th graders focusing on collaborative exploration of mathematical thinking through puzzles, games, and crafts. Camps are held from June to August 2026.

Who's eligible: Rising 2nd-6th graders (students entering 2nd-6th grade in Fall 2026).

How to enroll: Registration is currently open. Optional extended care available for additional fee. Payment plans and scholarships offered.

Source: https://sfmathcircle.org/math-camp

Math Science

Areteem Institute Live Courses

Areteem Institute

Areteem Institute offers year-round live online courses in mathematics, science, and computer science, with a focus on intensive math contest preparation for students of various levels.

Who's eligible: Determined by course level, placement tests available.

How to enroll: Online registration and creation of a student account.

Source: https://areteem.org/

Register: https://programs.areteem.org

Math

ZIML Monthly Contests (Zoom International Math League)

Zoom International Math League

The ZIML Monthly Contests offer online math competitions for students across various divisions, including Division M for middle schoolers, focusing on problem-solving using math concepts from a standard middle school curriculum.

Deadline: Sep 20, 2026

Who's eligible: Students who have not started grade 9.

How to enroll: Online registration for each monthly contest.

Source: https://ziml.areteem.org/

Science Math

Lumiere Junior Explorer Program

Lumiere Education

The Lumiere Junior Explorer Program is an 8-week virtual mentorship for middle school students (grades 6-8) to build a research project with Ph.D. mentors. It runs in multiple cohorts throughout the year with rolling deadlines and financial aid available.

Who's eligible: Middle school students (grades 6-8).

How to enroll: Submit an online application, participate in an interview if shortlisted, and confirm with a deposit. Financial aid applications are also available.

Source: https://www.lumiere-education.com/junior-explorer-program

Math

Caribou Mathematics Competition

Caribou Mathematics Competition

An international online math contest held six times a year for students in grades 3-12, with high school levels (9/10 and 11/12). Features multiple-choice questions within a 50-minute limit. Competitions run October 2026 through May 2027.

Who's eligible: Students in grades 3-12. High school students are in grade bands 9/10 and 11/12.

How to enroll: Registration typically through a school or contact person.

Source: https://caribouteststs.com/

Math

Mathnasium Summer Programs

Mathnasium Learning Centers

National franchise offering various summer math programs for K-12 students to prevent summer slide, with options like the 'Summer Unlimited Program' and specialized camps. Enrollment is ongoing.

Who's eligible: Students in grades K-12. Contact local center for specifics.

How to enroll: Contact local Mathnasium center for assessment, schedule, and pricing.

Source: https://www.mathnasium.com

Science Math

Elementary Science Olympiad (Division A)

Science Olympiad

Introduces students in grades K-6 to STEM through hands-on, inquiry-based learning with local events and tournaments. Schools can purchase curriculum and resources to set up local events for the 2026-2027 school year.

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

How to enroll: A school or organization must purchase an Elementary Science Olympiad Manual to organize events.

Source: https://www.soinc.org/programs/elementary

Math Science

University of Minnesota MathCEP - Adventures in Math / Girls Excel in Math

University of Minnesota MathCEP

Three-day summer enrichment programs hosted by the University of Minnesota's MathCEP for students in grades 4-6, exploring mathematics through hands-on activities. Specific programs for girls and general participation available.

Who's eligible: Students in grades 4-6. 'Girls Excel in Math' is open to girl-identified, transgender girls, and nonbinary students.

How to enroll: Program registration. Scholarships available.

Source: https://mathcep.umn.edu/summer-camps

Science Math

National Science Bowl® for Middle School

U.S. Department of Energy (DOE)

A national academic competition for middle school students (grades 6-8) covering science and math topics in a fast-paced question-and-answer format. Teams compete regionally, with winners advancing to the National Finals.

Deadline: Oct 01, 2026

Who's eligible: Middle school students (grades 6, 7, or 8) enrolled in the team's school. Teams of 4 or 5 students with a coach.

How to enroll: Schools pre-register one team online through the designated portal. All team members must attend the same school.

Source: https://science.osti.gov/wdts/nsb

Register: https://apps.orau.gov/nsb-coach/PreRegistration/Dashboard

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/AUZIYQHWo67iBkASWFpTA1hY4KlA6o8LKrl9p1yCvPeN9_Yfh5MoOqcOnQ4mole7dxAdBK-_02CWYmZtXe6BgKX77BLxXpwu-nXNwr35JzYriABLq3FNTC-Wd36EK0xBe27CbI-PqZKNcxAhnCjPJo-aocG5-ntrZVy-RLtjWguY_s1Y0zaibWXoPWPrxgMmaa73PRcBff4RaozoN5VxVQ==

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

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

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

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/

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

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

Math Olympiads for Elementary and Middle Schools (MOEMS)

Math Olympiads for Elementary and Middle Schools, Inc.

MOEMS is a national math competition fostering creativity and problem-solving skills. The Elementary Division (Division E) is for students in grades 4-6, with contests running monthly from November to March.

Deadline: Oct 31, 2026

Who's eligible: Division E is for students in grades 4-6. Some local organizations may include Grade 3.

How to enroll: Registration by a school or a team leader/coach.

Source: https://www.moems.org/

Register: https://www.moems.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

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

Math

Math Kangaroo USA

Math Kangaroo USA, Inc.

Math Kangaroo USA is an international math competition for grades K-12, promoting problem-solving and logical reasoning. It's administered in-person and online.

Deadline: Dec 31, 2026

Who's eligible: All K–12 students residing in the USA or its territories. Kindergarten students take the Grade 1 test (must be able to read independently).

How to enroll: Registration through a Math Kangaroo center (in-person or online) or a virtual center.

Source: https://mathkangaroo.org/

Register: https://mathkangaroo.org/

Math

mathleague.org Elementary School Contests

Math League

mathleague.org offers elementary school math contests for grades 3-6, including in-person events and online qualifiers throughout the school year.

Deadline: Jan 31, 2027

Who's eligible: Typically grades 3-6 for qualifiers; specific contests for 4th and 5th grade.

How to enroll: Students can sign up individually for online qualifiers or participate through their school for in-person contests.

Source: https://mathleague.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/

Science Civics & History

eCYBERMISSION

Army Educational Outreach Program (AEOP)

A free, virtual STEM competition for middle school students (grades 6-9) to identify and solve community problems using science or engineering. Teams work online to submit projects for state, regional, and national awards.

Deadline: Feb 24, 2027

Who's eligible: Rising 6th through 9th grade students in the U.S. and DoDEA schools worldwide.

How to enroll: Students form teams (2-4 members) and register online with an adult Team Advisor. They select a community problem to investigate or solve and submit a Mission Folder online.

Source: https://www.ecybermission.com

Register: https://www.ecybermission.com/register

Science

Mad Science After-school Programs

Mad Science

Mad Science provides educational and entertaining after-school programs for children ages 5 to 12, covering various areas of science through hands-on experiments and activities. Each themed class challenges students to explore scientific concepts and channel their inner scientist.

Who's eligible: Children ages 5 to 12.

How to enroll: Programs are offered seasonally.

Source: https://www.madscience.org/parents/afterschool-programs

Science

Club SciKidz After-School STEM Programs

Club SciKidz

Club SciKidz offers unique after-school STEM education programs for children in grades K-6, designed to engage students in observation, measurement, identification of properties, and experimentation across life, earth, and physical science concepts. These inquiry-based lessons use hands-on activities to stimulate interest in science and develop critical thinking skills.

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

How to enroll: Programs run for 6-8 weeks, one hour per week. Minimum of 12 students per program.

Source: https://www.clubscikidz.com/after-school-programs/

Science Robotics

Talcott Mountain Science Center Summer of STEM Adventures

Talcott Mountain Science Center

Week-long Summer of STEM Adventures for rising K-8 students, including Robotics and 'Reach for the Stars' for middle schoolers. Programs run during Summer 2026 in Princeton, NJ.

Who's eligible: Rising K-8 students (grades 6-8 for middle school programs).

How to enroll: Register for specific week-long programs. Costs vary and include a $6.50 registration fee per course.

Source: https://www.tmsc.org/

Math Science

Easy As Pi Mathematics STEAM Camps

Easy As Pi Mathematics

Weekly STEAM camps offering math tutoring, hands-on projects, and free play for ages 5-12. Summer 2026 sessions include the week of July 27-31, 2026, in Las Vegas, NV, costing $250 per week.

Who's eligible: Children aged 5-12.

How to enroll: Online registration.

Source: https://www.easyaspimath.com/steam-camps

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.orau.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

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

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

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 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

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

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/nsl/

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/

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/

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

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

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/

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/

Science Coding & CS

Club SciKidz Summer Camps

Club SciKidz

Week-long science and technology-themed summer camps for students in grades K-8 offered by Club SciKidz, with numerous franchise locations across the United States providing hands-on activities.

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

How to enroll: Registration is managed through individual franchise websites.

Source: https://www.clubscikidz.com/

Science Coding & CS

Camp Invention Connect™ Elevate

National Inventors Hall of Fame®

A virtual STEM summer camp for curious kids entering grades K-6 offered by the National Inventors Hall of Fame®. This online program allows children to explore hands-on STEM fun at their own pace from anywhere, receiving a materials kit for unique challenges.

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

How to enroll: Registration and a materials kit will be provided.

Source: https://www.invent.org/programs/camp-invention-connect

Science Coding & CS

Camp Invention®

National Inventors Hall of Fame®

Hands-on STEM summer day camps for children entering grades K-6, organized by the National Inventors Hall of Fame®. The 2026 program, "Spark," inspires curiosity through activities like investigating with robotic capybaras and designing space rockets. Camp dates and hours vary by location, typically running during the summer of 2026.

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

How to enroll: Registration with payment plans available. Early registration discounts may be offered.

Source: https://www.invent.org/programs/camp-invention

Math

Brighterly Online Math Program

Brighterly

Brighterly offers online math programs for K-12 students, including live tutoring and a free demo class. Pricing starts at $17.70 per lesson. Summer programs for 2026 are also available.

Who's eligible: K-12.

How to enroll: Arrange a free call or sign up for a demo class.

Source: https://brighterly.com/

Science Coding & CS

Camp Invention® 2026

National Inventors Hall of Fame®

Camp Invention® 2026 offers hands-on STEM adventures nationwide for students entering grades K-6 during Summer 2026. Organized by the National Inventors Hall of Fame®, it focuses on innovation and problem-solving.

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

How to enroll: Online registration required.

Source: https://www.invent.org/program-search/camp-invention/

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

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 Robotics

Talcott Mountain Science Center - Summer of STEM Adventures

Talcott Mountain Science Center

Week-long day camps for rising K-8 students during Summer 2026, focusing on hands-on STEM activities in areas like robotics, astronomy, and artificial intelligence for grades 6-8.

Who's eligible: Students registering for the grade they will be entering for the 2026-2027 school year, with specific programs for grades 6-8.

How to enroll: Online registration.

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

Register: https://www.tmsc.org/summer-of-stem-adventures

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 Robotics

Camp Invention® 2026 - Spark Program

Camp Invention

A summer STEM camp for students in grades K-6 that focuses on hands-on exploration, problem-solving, and STEM concepts. The 2026 "Spark" program includes activities like robotics, entrepreneurship, and rocket building. Registration is open with early bird discounts available.

Who's eligible: Grades K-6

How to enroll: Registration, payment (with potential early bird discounts)

Source: https://www.invent.org/save/camp

Math

USA Mathematical Talent Search (USAMTS)

USA Mathematical Talent Search

USAMTS is a free, proof-based online math competition for US middle and high school students. Students have a month or more to work on problems. Registration is open year-round.

Who's eligible: All United States middle and high school students.

How to enroll: Online submission of carefully written justifications.

Source: https://www.usamts.org/

High (9–12)

Science Math

Research Science Institute (RSI)

Center for Excellence in Education (CEE) in collaboration with MIT

An intensive, cost-free six-week summer research program for academically talented high school students completing their junior year, held at MIT. Applications for Summer 2027 open in November 2026.

Deadline: Dec 15, 2026

Who's eligible: Academically talented high school students completing their junior year (rising seniors) with exceptional achievement and potential in science and mathematics.

How to enroll: Application usually requires essays, recommendations, and academic transcripts.

Source: https://www.cee.org/programs/research-science-institute

Math Science

Stanford University Mathematics Camp (SUMaC)

Stanford Pre-Collegiate Studies

A selective summer program for advanced high school students globally with a strong interest in mathematics, offering residential and online sessions. Applications for Summer 2027 are expected.

Deadline: Feb 02, 2027

Who's eligible: Current 10th or 11th graders (rising juniors and seniors) with a strong interest in mathematics, experience in mathematical proofs, and mastery of high school geometry and algebra.

How to enroll: Online application, $65 application fee, unofficial transcripts, and a math teacher recommendation.

Source: https://sumac.spcs.stanford.edu/

Math

USA Mathematical Talent Search (USAMTS)

Art of Problem Solving (AoPS)

USAMTS, organized by Art of Problem of Problem Solving (AoPS), is a free, proof-based online math competition for US high school students, offering about a month per set of problems to encourage deep thinking.

Who's eligible: All United States high school students.

How to enroll: Online registration and submission of solutions.

Source: https://usamts.aops.com/

Math

American Regions Mathematics League (ARML)

American Regions Mathematics League

A national team competition for high school students, often called the 'World Series of high school mathematics.' Teams of 15 students represent their region and compete simultaneously at multiple university sites.

Who's eligible: High school students, participating in teams of 15.

How to enroll: Teams register for the competition through the official ARML website.

Source: https://arml.com/

Math Science

MIT PRIMES-USA

Massachusetts Institute of Technology (MIT)

A free, year-long virtual research program for US high school sophomores and juniors to work on original mathematics problems with MIT researchers.

Deadline: Nov 30, 2026

Who's eligible: High school sophomores and juniors residing in the United States with a strong academic background in mathematics and proof-based problem-solving experience.

How to enroll: Application submission (link available September 2026).

Source: https://math.mit.edu/research/highschool/primes/usa/index.html

Math

Caribou Mathematics Competition

Caribou Mathematics Competition

An international online math contest held six times a year for students in grades 3-12, with high school levels (9/10 and 11/12). Features multiple-choice questions within a 50-minute limit. Competitions run October 2026 through May 2027.

Who's eligible: Students in grades 3-12. High school students are in grade bands 9/10 and 11/12.

How to enroll: Registration typically through a school or contact person.

Source: https://caribou tests.com/

Math

Mathnasium Summer Programs

Mathnasium Learning Centers

National franchise offering various summer math programs for K-12 students to prevent summer slide, with options like the 'Summer Unlimited Program' and specialized camps. Enrollment is ongoing.

Who's eligible: Students in grades K-12. Contact local center for specifics.

How to enroll: Contact local Mathnasium center for assessment, schedule, and pricing.

Source: https://www.mathnasium.com

Math

Math Prize for Girls

Advantage Testing Foundation

An annual mathematics competition for female high school students (grades 9-12) in the U.S. or Canada, organized by the Advantage Testing Foundation. Requires a qualifying score on AMC 10/12 or AIME. Held at MIT.

Who's eligible: Female students in grades 9-12 (or equivalent) in the U.S. or Canada, with qualifying scores on AMC 10/12 or AIME from the previous academic year.

How to enroll: Online application, short essay, and letters of recommendation.

Source: https://mathprize.atfoundation.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/

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

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

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

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

Math

Math Madness

AreteLabs and American Mathematics Competitions (AMC)

Math Madness is a 100% online team-based math competition for high school students (grades 9-12) organized by AreteLabs and AMC. Practice rounds run from September 27 to October 3, 2026, with league rounds starting October 4. The final registration deadline is October 31, 2026.

Deadline: Oct 31, 2026

Who's eligible: High school students (grades 9-12). Minimum of 5 students per team.

How to enroll: Team registration required.

Source: https://arete.com/math-madness

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 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

Math

Math Kangaroo USA

Math Kangaroo USA, Inc.

Math Kangaroo USA is an international math competition for grades K-12, promoting problem-solving and logical reasoning. It's administered in-person and online.

Deadline: Dec 31, 2026

Who's eligible: All K–12 students residing in the USA or its territories. Kindergarten students take the Grade 1 test (must be able to read independently).

How to enroll: Registration through a Math Kangaroo center (in-person or online) or a virtual center.

Source: https://mathkangaroo.org/

Register: https://mathkangaroo.org/

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/

Science Civics & History

eCYBERMISSION

Army Educational Outreach Program (AEOP)

A free, virtual STEM competition for middle school students (grades 6-9) to identify and solve community problems using science or engineering. Teams work online to submit projects for state, regional, and national awards.

Deadline: Feb 24, 2027

Who's eligible: Rising 6th through 9th grade students in the U.S. and DoDEA schools worldwide.

How to enroll: Students form teams (2-4 members) and register online with an adult Team Advisor. They select a community problem to investigate or solve and submit a Mission Folder online.

Source: https://www.ecybermission.com

Register: https://www.ecybermission.com/register

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/

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.orau.gov/k-12/stem-competitions/

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 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

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

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

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

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 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

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

Brighterly Online Math Program

Brighterly

Brighterly offers online math programs for K-12 students, including live tutoring and a free demo class. Pricing starts at $17.70 per lesson. Summer programs for 2026 are also available.

Who's eligible: K-12.

How to enroll: Arrange a free call or sign up for a demo class.

Source: https://brighterly.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

Mandelbrot Competition

The Mandelbrot Competition

The Mandelbrot Competition is a high school mathematics competition with five rounds held throughout the school year, featuring short-answer questions on non-calculus topics. Annual competition implies Fall 2026 registration opening.

Who's eligible: Students who have not yet graduated from high school. Open to public, private, and homeschool groups in the United States.

How to enroll: Participation through schools or homeschool groups; scores submitted online by a coordinator.

Source: https://mandelbrot.org/

Math

USA Mathematical Talent Search (USAMTS)

USA Mathematical Talent Search

USAMTS is a free, proof-based online math competition for US middle and high school students. Students have a month or more to work on problems. Registration is open year-round.

Who's eligible: All United States middle and high school students.

How to enroll: Online submission of carefully written justifications.

Source: https://www.usamts.org/

All ages

Coding & CS | Robotics

Lavner Camps & Camp Tech Revolution

Lavner Camps & Camp Tech Revolution

Over 60 cutting-edge, weekly STEM courses available nationwide and online for ages 6-16, including robotics, coding, game design, AI, and 3D printing. Summer 2026 sessions run from June 22nd to August 14th, with some sessions still open.

Who's eligible: Ages 6-16.

How to enroll: Check specific location pages for registration details. A one-time $79 registration fee per child for the 2026 calendar year.

Source: https://www.lavnercampsandprograms.com/

Science | Math

Davidson Young Scholars Program

Davidson Institute

A free, ongoing fellowship program for profoundly gifted students across the United States, providing academic enrichment opportunities and community support in various subjects, including science.

Deadline: Nov 20, 2026

Who's eligible: Profoundly or exceptionally gifted students (typically scoring in the 99.9th percentile on IQ or achievement tests). Applicants must provide a valid testing report and a recommender who can speak to their academic and intellectual abilities.

How to enroll: Complete an online application, which includes preparing application materials such as a valid testing report and providing details for a recommender.

Source: https://www.davidsongifted.org

Science Robotics

Little Beakers Science Lab for Kids

Little Beakers Science Lab for Kids

Hands-on science camps for children aged 5+ covering diverse scientific interests like astronomy, chemistry, engineering, robotics, and biology through daily experiments.

Who's eligible: Children ages 5+.

How to enroll: Online registration and reservation.

Source: https://www.littlebeakers.com/