MERIT NEWSLETTER

Merit Newsletter — Week of October 26, 2026

196 opportunities · Week of October 26 – November 01, 2026

Elementary (K–5)

Science Coding & CS

ORISE STEM Cities Student Competition

ORISE

K-12 students in grades K-5 can envision and design a futuristic city powered by innovative technology. The competition is held online with a submission deadline of October 31, 2026.

Deadline: Oct 31, 2026

Source: https://vertexaisearch.cloud.google.com/grounding-api-redirect/AUZIYQHdJG17YsryfhOVAv6c4Fi_bdQdecfxRH-7rWINHn6xM7C9lgc-tvK64ekdxzfTnNWdttrpADcsmk3DnTAu-L1GZoKj1xSpqOnewNME8DpEdU8PTm7RRyGWQGHU7U0k0wdq4K0mgKsNr4Ot88oapSs=

Math

International Math Contest (IMC) 2027

RSM Foundation

The International Math Contest (IMC) 2027 invites students in grades 1-8 to participate in an online competition designed to challenge math problem-solving skills. Early bird registration deadline is October 31, 2026.

Deadline: Oct 31, 2026

Who's eligible: Students in grades 1-8.

How to enroll: Online registration.

Source: https://contest.rsmfoundation.org/

Register: https://contest.rsmfoundation.org/oly/registration

Science Coding & CS

ORISE STEM City Design Competition

ORISE

K-5 students can imagine, create, and showcase a futuristic city powered by innovative technology. Separate categories for K-2 and 3-5.

Deadline: Oct 31, 2026

Who's eligible: Students in a U.S., U.S. territory, or DoDEA school, including public, private, and homeschool students.

How to enroll: Submission using a worksheet for K-2 or a presentation (video, poster, or slides) for grades 3-5.

Source: https://orise.orau.gov/stem-competitions/index.html

Science Coding & CS

ORISE STEM Cities Student Competition

Oak Ridge Institute for Science and Education (ORISE)

A national online competition for K-12 students to envision and create a futuristic city powered by innovative technology, with submissions due October 31, 2026.

Deadline: Oct 31, 2026

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

How to enroll: Design a futuristic city and provide a pitch explaining the idea and underlying STEM concepts.

Source: https://orise.orau.gov/stem/competitions/index.html

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

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/

Science Math

Davidson Institute Young Scholars Program

Davidson Institute

A program providing support and a community for profoundly gifted students, including those in middle school, to thrive academically and socially, with opportunities for enrichment like online courses.

Deadline: Nov 20, 2026

Who's eligible: Profoundly or exceptionally gifted students, typically grades K-12, who meet specific criteria based on standardized test scores.

How to enroll: An online application that includes applicant and parent information, qualifying test scores, and a recommender (not a family member or test administrator). A Parent Agreement Form is also required.

Source: https://www.davidsongifted.org/young-scholars

Register: https://davidsongifted.smapply.io/

Science Robotics

Bay Area Elementary Science Olympiad (BAESO) 2027

Science Gurus

The 20th annual Bay Area Elementary Science Olympiad (BAESO) is open for registration for its 2027 tournament for students in grades 3-6. Registration closes November 30, 2026. The tournament features online theory and in-person practical events on March 26-27, 2027, with a $360 team fee.

Deadline: Nov 30, 2026

Who's eligible: Students in grades 3-6 from the Bay Area. Teams of 4-8 students from the same school.

How to enroll: Teams compete in eleven events, including online theory and in-person practical events.

Source: https://www.sciencegurus.org/

Art & Design Science

Doodle for Google

Google

An annual art contest for K–12 students across the U.S. challenging them to create an original doodle based on a specific theme, often interpretable through a STEM lens. Entry is free.

Deadline: Dec 01, 2026

Who's eligible: Students in grades K-12 in the U.S.

How to enroll: An original doodle based on the annual theme.

Source: https://doodles.google.com/d4g/

Science Robotics

Club SciKidz Atlanta Summer Camps (Summer 2027)

Club SciKidz Atlanta

Club SciKidz Atlanta offers weekly STEM summer camps for children in PK-8th grade, featuring hands-on activities in topics like Astronomy, Meteorology, Robotics, and Chemistry. Registration for Summer 2027 camps opens in December 2026.

Deadline: Dec 01, 2026

Who's eligible: Camps are offered for children in grades PK-8th, including middle school grades (6-8).

How to enroll: Full details and registration information will be available in December 2026.

Source: https://www.atlantasummercamps.com/

Math

The Hardest Math Problem Student Contest

The Actuarial Foundation, Institute of Competition Sciences, New York Life Foundation, Scholastic

An annual free online contest for students in grades 6-8 (and eligible 5th graders) to solve multi-step math problems with real-world scenarios.

Deadline: Dec 06, 2026

Who's eligible: Students in grades 6-8 (5th graders also eligible). An adult coach (parent or teacher) must register on behalf of the students.

How to enroll: Registration by an adult coach on behalf of students.

Source: https://www.actuarialfoundation.org/math-competitions/hardest-math-problem-student-contest/

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/

Coding & CS Science

American Computer Science League (ACSL) Elementary Division

American Computer Science League (ACSL)

Team-based online computer science competitions for elementary students. Registration for the 2026-2027 season opens September 1, 2026, and closes December 31, 2026.

Deadline: Dec 31, 2026

Who's eligible: Teams of up to 10 students (or 6 for a 3-score team) led by a team advisor.

How to enroll: Team registration.

Source: http://www.acsl.org/

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/

Science Robotics

Southern California Elementary Science Olympiad (Division A)

Southern California Science Olympiad

Offers elementary students (Division A) opportunities to engage in STEM competitions through regional tournaments in Southern California.

Deadline: Jan 15, 2027

Who's eligible: Elementary school students (Division A).

How to enroll: Team registration is completed online. Dues vary by region.

Source: https://socalscioly.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

Washington State Science and Engineering Fair (WSSEF)

Washington State Science and Engineering Fair (WSSEF)

A state-level fair for Washington students in grades 1-8 to present science and engineering projects. Registration for the 2027 fair opens September 1, 2026, with a deadline of March 15, 2027.

Deadline: Mar 15, 2027

Who's eligible: Grades 1-12 statewide. Grades 1-8 participate on April 2, 2027. Students in counties covered by a Regional Fair must register with their Regional Fair before entering WSSEF.

How to enroll: Register and prepare a science or engineering project.

Source: https://www.wssef.org/

Science

Florida Elementary Science Olympiad

Florida ESO

Organizes regional tournaments in science for K-5 student teams. Registration is open for the 2026-2027 tournaments, with meetings in Oct 2026 and tournaments in March/April 2027.

Source: https://vertexaisearch.cloud.google.com/grounding-api-redirect/AUZIYQGZrM60Q_2bDrsYQ_41qNyUzPkJlGYA7nVcnk_l-fJEX0qsd2MPlMWkf_K4VgXFkCn9SSHkff63q4IwqTvbOepPpH2kkkjatL1aSLC1EMgmVKjlm14Q2f_hbxKzlAilbEBWyA==

Science

Homeschool Science Experience Enrichment Days (SEED) - MOSI

MOSI (Museum of Science & Industry)

MOSI in Tampa, Florida offers hands-on science classes for ages 5-10. The 'Fall Science Frenzy (Weather and Seasons)' program is scheduled for Nov 3 or 5, 2026, costing $25 ($20 for members).

Who's eligible: Ages 5-7 and 8-10

How to enroll: Pre-registration and payment at least one week in advance.

Source: https://vertexaisearch.cloud.google.com/grounding-api-redirect/AUZIYQFwsPSlHy_hfQ9YAkKUAijOw4SUauR6E2ytCKh4iNbyZAWX-AQwFsBNhmP9LXoToO0oJm5LANEZfYgS_Uf_BgR2ZffzZ4uuFeTwZoCRQVnhNOVzuuZGbDSkPYpYSfDbR3tc5NUCc8VPEJG0r4OKzkWOLbogkr

Science

Georgia Elementary Science Olympiad (ESO)

Georgia ESO

This competition for students in grades 3-6 focuses on various science and engineering events. The 2026–2027 season is active, with regional competitions and information updated September 1, 2026.

Source: https://vertexaisearch.cloud.google.com/grounding-api-redirect/AUZIYQFyuP74pkK06Vj7O7iVuSIkjrQ2kfC33GAyHFJ6TJmZhP8WyZ7B-6655zr47Q8EMOFwhMsuH9QPaIwR1KlBhmNRD

Science

Science & STEM After School Enrichment Program (California)

A mobile after-school science enrichment program for ages 4-10 (K-5) in the Los Angeles and Southern California regions, offering hands-on activities aligned with NGSS.

Who's eligible: Children ages 4-10 (K-5) in the Los Angeles and Southern California regions. Can be brought to schools or booked by parents.

How to enroll: Inquiry and booking of programs by parents or schools.

Source: https://afterschoolscience.com

Science

Mad Science After School Programs

Mad Science of Austin and Central Texas

Interactive, hands-on science enrichment programs for K-5 students at local elementary schools in the Austin and Leander, Texas areas. Fall 2026 programs are open for registration.

Who's eligible: K-5 students at local elementary schools in the Austin and Leander, Texas areas.

How to enroll: Registration on their home campus.

Source: https://austin.madscience.org/afterschool-programs

Register: https://austin.madscience.org/parents-registration-camps-classes-mad-science-of-austin-central-texas.aspx

Science Math

Plant the Moon Challenge Jr.

Institute of Competition Sciences

Elementary school students participate in a science program growing plants in lunar simulant, contributing to space exploration research. Registration for Spring 2027 is open.

Who's eligible: Elementary school students. Students form teams.

How to enroll: Further details on specific eligibility, what is needed to enroll, and cost are available upon registration.

Source: https://www.competitionsciences.org/competitions/find-a-competition/

Science Coding & CS

Mad Science Virtual Hands-On Science Classes

Mad Science

Mad Science offers virtual, hands-on science classes for elementary students (ages 5-12) in a 6-week program format, with ongoing registration.

Who's eligible: Interactive classes for kids ages 5-12 (K-5 fits within this range).

How to enroll: Register online. A printable supply list is provided for household items needed for experiments.

Source: https://www.madscience.org/virtual-classes/

Register: https://www.madscience.org/virtual-classes/

Science

Outschool Online Science Clubs & Classes

Outschool

A wide variety of online science classes and clubs are available for elementary students (K-5) with flexible enrollment and varying costs.

Who's eligible: Classes are available for various age groups, including elementary (K-5). Specific class eligibility is listed per offering.

How to enroll: Direct online registration for specific classes. Materials often include common household items or science kits, sometimes shipped directly for certain programs.

Source: https://outschool.com/online-classes/science

Register: https://outschool.com/online-classes/science

Science

California Academy of Sciences – School Programs

California Academy of Sciences

Virtual or on-site science learning programs for K-5 students at the California Academy of Sciences. Registration is typically ongoing throughout the school year.

Who's eligible: K-5 students.

How to enroll: Varies by program; check official website for costs and registration procedures.

Source: https://www.calacademy.org/

Science

The Franklin Institute – At-Home Science Programs

The Franklin Institute

Online and at-home science programs for elementary students (K-5) from The Franklin Institute in Philadelphia. Resources are often free or low-cost with broad eligibility.

Who's eligible: K-5 students across the U.S.

How to enroll: Access to online resources or program materials.

Source: https://www.fi.edu/

Science

Pacific Science Center – Discovery Corps for Grades K-5

Pacific Science Center

After-school science enrichment programs for K-5 students at the Pacific Science Center in Washington. Registration is ongoing throughout the school year.

Who's eligible: K-5 students.

How to enroll: Varies by program; check official website.

Source: https://www.pacsci.org/

Science Math

Students 2 Science Summer Camp

Students 2 Science

Summer camp offering hands-on STEM experiences for grades 3-8, with a 'Mystery Material Lab' for middle schoolers. Registration for Summer 2027 opens late 2026/early 2027.

Who's eligible: Children in grades 3-8, with specific sessions for middle schoolers.

How to enroll: Sign up on their registration page when it opens for the 2027 season.

Source: https://www.students2science.org/

Science

Southern California Science Olympiad (Division A)

Southern California Science Olympiad

Southern California Science Olympiad's Division A program is for elementary students (grades 4-6). Team registration is ongoing for the 2026-2027 season, with regional tournaments typically in the spring. The cost for participation is not specified.

Who's eligible: Elementary school students, typically 4th and 5th grade, with up to two 6th graders allowed per team. Teams are formed by students from the same school.

Source: https://scilympiad.com/socal-elementary

Science Robotics

Destination Imagination (DI) Scientific Challenge: Lab Legends (2026-2027 Season)

Destination Imagination

Project-based STEAM challenge for students from Pre-K through university level, featuring a 'Scientific Challenge: Lab Legends' for the 2026-2027 season.

Who's eligible: Teams of 2-7 members. Elementary Level for 3rd-5th graders; Early Learning Challenge for Pre-K through 2nd graders.

How to enroll: Team Number, background check for Team Managers ($25 fee).

Source: https://www.destinationimagination.org/challenge-experience/

Science

American Science Olympiad (ASO)

American Science Olympiad

An online competition for students in Grades 1-8 that promotes curiosity, creativity, and critical thinking by challenging them to apply scientific concepts to real-world problems.

Who's eligible: Students in Grades 1-8.

How to enroll: Internet access for online competition.

Source: https://www.nsta.org/competitions#ExploraVision

Robotics Science

National Robotics Challenge (NRC) Junior Competition

Various local/regional robotics organizations

While the main NRC targets grades 6+, affiliated regional or local events may offer junior divisions for elementary students focusing on basic robotics and engineering principles. Details for K-5 programs in 2026 would vary by local organizer.

Who's eligible: Details vary by local organizer; generally for elementary students.

How to enroll: Details vary by local organizer; typically involves forming a small team and building a robot for a specific challenge.

Source: https://www.thenrc.org/

Science

National Science Bee Elementary & Middle School Divisions

International Academic Competitions (IAC)

The National Science Bee is a quiz competition for individual students testing knowledge across all science aspects. Elementary divisions are for students up to 5th grade. The initial Online Regional Qualifying Exam is free, with regional tournaments from October 2026 to May 2027.

Who's eligible: 3rd Grade & Younger, 4th Graders, and 5th Graders (up to 8th grade)

How to enroll: Free Online Regional Qualifying Exam.

Source: https://www.iacompetitions.com/national-science-bee/elementary-middle-school

Science Coding & CS

MOSI School Break Camps

Museum of Science & Industry (MOSI)

MOSI in Tampa, Florida offers STEAM-focused School Break Camps for K-8 students. Specific camps for grades 5-8 in late 2026 include 'Minecraft Engineering', 'Game On! STEM and Gaming', and 'Digital Creators Lab'.

Who's eligible: K-8 students. Specific camps available for grades 5-8.

How to enroll: Packed lunch, two snacks, clothes that can get messy.

Source: https://www.mosi.org/camps/school-break-camps/

Register: https://www.mosi.org/camps/school-break-camps/

Math Science

Engineering Encounters Bridge Design Contest

Engineering Encounters

A nationwide competition for students in grades K-12 that promotes math, science, and technology education by challenging them to design, build, and test bridge contraptions.

Who's eligible: All U.S. students in grades K through 12. Can compete individually or in teams of two.

How to enroll: Design, build, and test bridge contraptions using simple materials.

Source: https://www.engineeringencounters.com/education/bridge-design-contest/

Science

National Science Bee (Elementary School Division)

International Academic Competitions

An academic quiz competition for elementary and middle school students in grades K-8, with local, regional, and national levels. Some events may be held online.

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

How to enroll: Registration for regional events.

Source: https://www.iacompetitions.com/national-science-bee

Science

National Science Bee (Middle & Elementary School Divisions)

International Academic Competitions (IAC)

Individual quiz competition testing students' knowledge across all aspects of science for 3rd-8th graders. Free Online Regional Qualifying Exam available in the Fall.

Who's eligible: Students in 3rd-8th grade divisions. Individual competition.

How to enroll: Students take a free Online Regional Qualifying Exam (ORQE).

Source: https://www.iacompetitions.com/national-science-bee/middle-elementary

Science

Homeschooling in Nature – 2026-2027 Nature-Based Homeschool Program

Homeschooling in Nature

Biologist-led outdoor science exploration in North County San Diego for ages 3-11 (K-5). Offers yearly enrollment or drop-in sessions focusing on nature preserves.

Who's eligible: Children ages 3-11 (including K-5). Yearly enrollment cut-off was Sep 1, 2026; drop-in registration available.

How to enroll: Drop-in rate for 1st-6th graders is $70, for TK-K is $75. Yearly enrollment has a $85 non-refundable registration fee.

Source: https://www.homeschoolinginnature.com/

Register: https://www.homeschoolinginnature.com/

Science

Austin Nature & Science Center – 2026-2027 Homeschool Programs

Austin Nature & Science Center

Homeschool programs for Pre-K through 5th grade in Austin, Texas, including "Monthly Meetup" and "Science Club" with monthly themes like "Above & Below".

Who's eligible: Children in grades Pre-K through 5th.

Source: https://www.austintexas.gov/ansc

Science

Little Beakers – Weekly Class Programs (Orem, UT)

Little Beakers

Comprehensive weekly science education programs in Orem, Utah, for preschool (ages 3-5) and elementary students, featuring real laboratory experiments.

Who's eligible: Preschool (ages 3-5, covering Kindergarten) and elementary students.

How to enroll: First month's tuition and a one-time $40 registration/materials fee.

Source: https://orem.littlebeakers.com/

Register: https://orem.littlebeakers.com/enroll/

Science Robotics

EUREKA! Science Museum – 2026-2027 School Year Camps

EUREKA! Science Museum

Hands-on science camps for students aged 5-10, covering topics like space and LEGOs. Offered throughout the 2026-2027 school year in Grand Junction, Colorado.

Who's eligible: Students must be 5 years old by the time of their camp; immunization records or medical exemptions required.

How to enroll: Immunization records or medical exemptions.

Source: https://eurekasciencemuseum.org/

Register: https://eurekasciencemuseum.org/dashboard

Science

North Carolina Science Olympiad - Division A (Elementary)

North Carolina Science Olympiad (NCSO)

Regional and statewide science and engineering competitions for elementary school students (grades 4-6) in North Carolina.

Who's eligible: Elementary school students, typically grades 4-6, in teams representing schools.

How to enroll: Team registration via the state's Science Olympiad website.

Source: https://www.sciencenc.com/

Math

Beast Academy Online (Year-Round)

Art of Problem Solving (AoPS)

An advanced online math curriculum for ages 6-13 (approx. grades 1-5) with over 1,000 lessons and 20,000 practice problems. Subscription costs $16/month or $100/year.

Who's eligible: Students aged 6-13 (approximately grades 1-5). A placement test is recommended.

How to enroll: Online subscription or enrollment in live classes.

Source: https://beastacademy.com/enroll

Science Robotics

Great Lakes Science Center Camp Curiosity: Summer Day Camps (for 2027)

Great Lakes Science Center

The Great Lakes Science Center's Camp Curiosity offers summer day camps for grades K-6 in Cleveland, Ohio, with sessions expected to open for registration in late 2026 for Summer 2027. Weekly costs are $350 ($325 for members).

Who's eligible: Campers entering grades K-2 and 3-6 in Fall 2027.

How to enroll: A summer camp guide and scholarship application forms will be available.

Source: https://greatlakesscience.com/explore/camps-and-overnights/camp-curiosity-summer-camps/

Science Robotics

Club Scientific - After-School Programs (St. Johns County, FL)

Club Scientific - St. Johns

Hands-on science and robotics after-school programs for elementary-aged kids in St. Johns County, Florida, for the 2026-2027 academic year. Registration is open.

Who's eligible: Elementary-aged children in St. Johns County, Florida. Programs held at schools or through homeschool co-ops.

How to enroll: Online registration. Offers zero-fee monthly payment plans and sibling/multi-program discounts.

Source: https://stjohns.clubscientific.com/

Science Math

Science Fun Elementary Science Field Trips

Science Fun

Hands-on STEM field trip programs ('On-Demand' kits or 'In-School' scientist visits) for elementary students. Available nationwide for kits, and within 25 miles of Raleigh, NC for in-person visits. Registration open for 2025-2026 school year.

Who's eligible: Elementary students.

How to enroll: Registration handled by schools or teachers. On-Demand kits include video links. In-School option requires school proximity to Raleigh, NC.

Source: https://www.sciencefun.org/

Science

Mad Science of Austin After-School Programs

Mad Science of Austin

After-school science programs like 'Fantastic Forces' and 'Crazy Chemworks' for K-5 students. Sessions run weekly for an hour in Fall 2026, starting in August, September, or October. Located in Austin, Leander, and San Antonio, Texas.

Who's eligible: Students in Kindergarten through 5th grade.

How to enroll: Online registration.

Source: https://austin.madscience.org/

Science Robotics

Club Scientific After-School Programs

Club Scientific

After-school science programs for elementary school children (K-5) offering hands-on activities throughout the 2026-2027 school year. Registration is currently open.

Who's eligible: Elementary school-aged children (K-5). Classes capped at 15 students (12 for robotics).

How to enroll: Registration for specific school programs.

Source: https://clubscientific.com/

Math

mathleague.org Elementary School Online Qualifiers (2026-2027)

mathleague.org

mathleague.org offers online elementary school contests throughout the school year, with qualifying rounds in Fall 2026 and Spring 2027. Contests are typically for grades 3-5.

Who's eligible: Elementary school students (typically grades 3-5).

How to enroll: Students register for a specific online qualifier.

Source: https://mathleague.org/esevents.php

Science

Mad Science After School Programs (Austin & Leander, TX)

Mad Science of Austin

Mad Science offers after-school science programs for K-5 students in Austin and Leander, Texas, with themes like 'Fantastic Forces.' Programs run from August to December 2026 and January to May 2027.

Who's eligible: Students in Kindergarten through 5th grade in Austin and Leander, Texas.

How to enroll: Registration via specific links on their website for each program.

Source: https://austin.madscience.org/parents-classes-camps.aspx

Science Robotics

Discover Science Center - After-School Programs

Discover Science Center

Hands-on science enrichment after-school programs for K-5 students in the Atlanta metropolitan area, with themes like Mini Med School and Discover STEM Labs. Registration for Fall 2026 is open.

Who's eligible: Children attending participating elementary schools in the Atlanta metropolitan area.

How to enroll: Registration. A 10% sibling discount is available.

Source: https://discoversciencecenter.com/after-school-programs/

Robotics Science

FIRST LEGO League Explore (BIOGLOW Founders Edition)

FIRST LEGO League

Hands-on STEM challenges for ages 6-10 (grades 2-4) using LEGO robotics. The 2026-2027 season focuses on biodiversity. Teams present projects at regional exhibitions.

Who's eligible: Teams of two to six children aged 6-10 (grades 2-4) with an adult facilitator.

How to enroll: Team registration and LEGO Education robotics sets.

Source: http://www.firstlegoleague.org/

Science Robotics

Rube Goldberg Machine Contest (Elementary Division)

Rube Goldberg Institute

Teams design and build complex machines to perform simple tasks. Registration for the 2027 cycle (K-5) opened June 1, 2026. A fee of $79 per team is expected.

Who's eligible: Teams of 1 to 15 members plus a coach.

How to enroll: Team registration.

Source: http://www.rubegoldberg.org/

Science Coding & CS

Future Engineers Challenges

Future Engineers

Future Engineers hosts a variety of online STEM challenges for K-12 students, including those focused on science. These challenges vary in topic and format and are launched throughout the year.

Who's eligible: K-12 students.

How to enroll: Check website for open challenges, meet specific submission requirements and deadlines.

Source: https://www.futureengineers.org/

Science Math

Gains in the Education of Mathematics and Science (GEMS)

U.S. Army Educational Outreach Program (AEOP)

The Gains in the Education of Mathematics and Science (GEMS) program, part of AEOP, offers summer enrichment experiences in STEM for students in grades 5-12. Specific 2026 application dates are not yet detailed, but applications typically open late fall/early winter for the following summer.

Who's eligible: Students in grades 5-12 (middle school grades 6-8 included); U.S. citizen or permanent resident.

How to enroll: Online application, typically including academic information and essays.

Source: https://www.usaeop.com/program/gems/

Science

Berkeley Lab's After School Science Hour

Lawrence Berkeley National Laboratory

A free virtual monthly online program by Lawrence Berkeley National Laboratory for K-5 students, featuring STEM subjects, scientists, and hands-on activities. Registration is ongoing.

Who's eligible: Elementary school students (K-5).

How to enroll: Online registration for monthly sessions.

Source: https://k12education.lbl.gov/programs/virtual/after-school-science-hour

Science Civics & History

SciStarter Citizen Science Projects

SciStarter

A global platform offering year-round citizen science projects for K-5 students, enabling participation in real scientific research across various fields.

Who's eligible: Suitable for all ages, including K-5 students. No prior scientific experience required.

How to enroll: Smartphone or laptop.

Source: https://scistarter.org/

Science Art & Design

The Ignite Academy • 2026-27 School Year Afterschool Program

Family Connections Centers

Daily afterschool program for K-5 students offering literacy and STEAM education, homework support, and nature-based programming.

Who's eligible: K-5 students from all schools. Full school year enrollment encouraged.

How to enroll: Monthly tuition payments. Tuition assistance and scholarships available. Program follows SFUSD 2026-27 Calendar.

Source: https://fccenters.org/k-5-programs/

Science

Varsity Tutors Live Online Classes - Elementary Science

Varsity Tutors

Varsity Tutors offers live online science classes for elementary students (K-5), featuring certified instructors and covering various science topics through interactive programs.

Who's eligible: Classes tailored for K-5 students.

How to enroll: Create an account on the Varsity Tutors website, select a desired class, and complete the registration and payment process.

Source: https://www.varsitytutors.com/

Register: https://www.varsitytutors.com/courses/elementary-school-science/live-online-classes

Science Art & Design

KiwiCo Crates

KiwiCo

KiwiCo offers subscription boxes (crates) delivering hands-on science and art projects for K-5 students to their homes. Popular options like Kiwi Crate and Atlas Crate focus on science, engineering, and cultural exploration.

Who's eligible: Based on age, with specific crates designed for different age bands within K-5.

How to enroll: Sign up for a subscription plan on the KiwiCo website, providing shipping and payment information.

Source: https://www.kiwico.com/

Math

Spirit of Math After-School Program - 2026-2027 Academic Year

Spirit of Math

Spirit of Math offers a rigorous after-school mathematics program for high-performing students from Kindergarten to Grade 11. Registration for the 2026-2027 academic year is open, requiring an assessment/interview and a registration fee.

Who's eligible: High-performing students from Kindergarten to Grade 11. Application and assessment/interview required.

How to enroll: Application, assessment/interview, and a non-refundable annual registration fee.

Source: https://www.spiritofmath.com

Coding & CS Robotics

Create & Learn - Online STEM Camps and Classes for Science Competitions

Create & Learn

Live online STEM camps and tutoring focused on Python, Robotics, and AI to prepare students for science competitions and fairs. Offers ongoing classes and an annual Code for Nature Challenge.

Who's eligible: Students in grades K-12. Specific classes like Python for AI are foundational for middle schoolers.

How to enroll: Register for online classes or camps.

Source: https://www.createandlearn.us/

Science

Science Explorers After-School Clubs

Science Explorers

After-school science clubs for students in 1st-5th grade (and some kindergartners) focusing on hands-on activities. Registration is ongoing for the 2026-2027 school year.

Who's eligible: Primarily 1st-5th grade; some schools may include kindergarteners. Registration is generally for students attending the host school.

How to enroll: Registration via the website, potentially school permission if not attending the host school.

Source: https://scienceexplorers.com/club-programs/

Register: https://scienceexplorers.com/club-programs/

Coding & CS Science

Code.org - Hour of Code / Computer Science Fundamentals

Code.org

Free and accessible online resources for K-5 students introducing foundational computer science concepts. The Hour of Code event is December 7-11, 2026.

Who's eligible: K-5 students. Teachers or parents can guide students.

How to enroll: Access to online resources.

Source: https://code.org/

Science Coding & CS

Houston Museum of Natural Science Summer Camps

Houston Museum of Natural Science (HMNS)

HMNS offers in-person summer science camps for children ages 6–12 (typically K-5) with diverse topics like coding, paleontology, and science magic.

Who's eligible: Children ages 6-12 (typically K-5 students).

How to enroll: Online registration required.

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

Science Coding & CS

Camp Curiosity: Summer Day Camps

Great Lakes Science Center

The Great Lakes Science Center's Camp Curiosity offers weekly science-themed day camps for students entering grades K-8 in Summer 2026, with various themes like LEGO, Minecraft, space, and coding.

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

How to enroll: 25% down payment at registration, full payment due three days before camp session.

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

Science

Denver Museum of Nature and Science - School Break Science Camps

Denver Museum of Nature and Science

School Break Science Camps for grades K-5 offered by the Denver Museum of Nature and Science. Registration is open for Fall, Winter, and Spring Break Camps in the 2026-2027 school year, with fees varying based on break length and membership status.

Who's eligible: Children in grades K-1, 2-3, and 4-5. Scholarships available for eligible families.

How to enroll: Online registration forms and emergency information. Scholarships available.

Source: https://www.dmns.org/

Science

Fleet Science Center STEM Camps

Fleet Science Center

The Fleet Science Center in San Diego, CA, offers week-long STEM summer camps for grades 1-6 during Summer 2026, covering various science topics with options like Archaeology, Gross Anatomy, and Eco Adventure. Specific dates in July and August 2026 are available.

Who's eligible: Grades 1-6.

How to enroll: Online registration for specific camp dates and themes.

Source: https://www.fleetscience.org/events/camps

Science Math

CEF You Be The Solution Challenge™

Chemical Educational Foundation (CEF)

An interactive, team-based STEM competition designed by the Chemical Educational Foundation (CEF) for students in grades 5-8 to explore chemistry concepts and their real-world applications.

Who's eligible: Teams of 3-4 students from the same school, homeschool association, or CEF-approved student group.

How to enroll: A team and participation in the Qualifier Round (online) or regional challenge events.

Source: https://www.cefinstem.org/

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

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

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

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

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/

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 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 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

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

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/

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

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/

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)

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

International Math Contest (IMC) 2027

RSM Foundation

The International Math Contest (IMC) 2027 invites students in grades 1-8 to participate in an online competition designed to challenge math problem-solving skills. Early bird registration deadline is October 31, 2026.

Deadline: Oct 31, 2026

Who's eligible: Students in grades 1-8.

How to enroll: Online registration.

Source: https://contest.rsmfoundation.org/

Register: https://contest.rsmfoundation.org/oly/registration

Science Coding & CS

ORISE STEM Cities Student Competition

Oak Ridge Institute for Science and Education (ORISE)

A national online competition for K-12 students to envision and create a futuristic city powered by innovative technology, with submissions due October 31, 2026.

Deadline: Oct 31, 2026

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

How to enroll: Design a futuristic city and provide a pitch explaining the idea and underlying STEM concepts.

Source: https://orise.orau.gov/stem/competitions/index.html

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/

Science Coding & CS

NASA TechRise Student Challenge

NASA

Invites student teams to design science and technology experiments to fly on a suborbital flight vehicle, fostering interest in STEM and space exploration. The entry deadline for experiment ideas is November 2, 2026.

Deadline: Nov 02, 2026

Who's eligible: Student teams in grades 6-12 attending U.S. public, private, or charter schools (including U.S. territories), guided by an educator.

How to enroll: Teams submit science and technology experiment ideas.

Source: https://www.nasa.gov/stem/forstudents/5-8/index.html

Science Math

Davidson Institute Young Scholars Program

Davidson Institute

A program providing support and a community for profoundly gifted students, including those in middle school, to thrive academically and socially, with opportunities for enrichment like online courses.

Deadline: Nov 20, 2026

Who's eligible: Profoundly or exceptionally gifted students, typically grades K-12, who meet specific criteria based on standardized test scores.

How to enroll: An online application that includes applicant and parent information, qualifying test scores, and a recommender (not a family member or test administrator). A Parent Agreement Form is also required.

Source: https://www.davidsongifted.org/young-scholars

Register: https://davidsongifted.smapply.io/

Science Robotics

Bay Area Elementary Science Olympiad (BAESO) 2027

Science Gurus

The 20th annual Bay Area Elementary Science Olympiad (BAESO) is open for registration for its 2027 tournament for students in grades 3-6. Registration closes November 30, 2026. The tournament features online theory and in-person practical events on March 26-27, 2027, with a $360 team fee.

Deadline: Nov 30, 2026

Who's eligible: Students in grades 3-6 from the Bay Area. Teams of 4-8 students from the same school.

How to enroll: Teams compete in eleven events, including online theory and in-person practical events.

Source: https://www.sciencegurus.org/

Science Math

National Science Bowl (Middle School)

U.S. Department of Energy Office of Science

The National Science Bowl is a buzzer-style academic competition testing middle school students' knowledge in science and energy, organized by the U.S. Department of Energy.

Deadline: Nov 30, 2026

Who's eligible: Teams of five middle school students (one alternate) and a teacher advisor/coach from the same school.

How to enroll: Team registration with advisor/coach.

Source: https://science.osti.gov/wdts/nsb/Regional-Competitions

Art & Design Science

Doodle for Google

Google

An annual art contest for K–12 students across the U.S. challenging them to create an original doodle based on a specific theme, often interpretable through a STEM lens. Entry is free.

Deadline: Dec 01, 2026

Who's eligible: Students in grades K-12 in the U.S.

How to enroll: An original doodle based on the annual theme.

Source: https://doodles.google.com/d4g/

Science Robotics

Club SciKidz Atlanta Summer Camps (Summer 2027)

Club SciKidz Atlanta

Club SciKidz Atlanta offers weekly STEM summer camps for children in PK-8th grade, featuring hands-on activities in topics like Astronomy, Meteorology, Robotics, and Chemistry. Registration for Summer 2027 camps opens in December 2026.

Deadline: Dec 01, 2026

Who's eligible: Camps are offered for children in grades PK-8th, including middle school grades (6-8).

How to enroll: Full details and registration information will be available in December 2026.

Source: https://www.atlantasummercamps.com/

Science Math

Appalachian STEM Academy at Oak Ridge

Appalachian Regional Commission (ARC), Oak Ridge Associated Universities

Free intensive learning experiences for middle school students (grades not specified but implied by context) from the Appalachian Region, focusing on science, math, computer science, and technology research projects.

Deadline: Dec 04, 2026

Who's eligible: Middle school students from the Appalachian Region.

How to enroll: Application for the summer program.

Source: https://www.arc.gov

Math

The Hardest Math Problem Student Contest

The Actuarial Foundation, Institute of Competition Sciences, New York Life Foundation, Scholastic

An annual free online contest for students in grades 6-8 (and eligible 5th graders) to solve multi-step math problems with real-world scenarios.

Deadline: Dec 06, 2026

Who's eligible: Students in grades 6-8 (5th graders also eligible). An adult coach (parent or teacher) must register on behalf of the students.

How to enroll: Registration by an adult coach on behalf of students.

Source: https://www.actuarialfoundation.org/math-competitions/hardest-math-problem-student-contest/

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 Math

Ohio Science Olympiad (2026-2027 Season)

Ohio Science Olympiad

The Ohio Science Olympiad offers a team-based science competition for K-12 students, with Division B for grades 6-9. Registration for the 2026-2027 season is open until December 17, 2026.

Deadline: Dec 17, 2026

Who's eligible: Students in Division B (grades 6-9). Teams must be registered with the state office.

How to enroll: Team registration and payment of a registration fee.

Source: https://www.ohso.org/

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/

Science Math

Ignite: A STEM Summer Program for Middle School Students at WPI

Worcester Polytechnic Institute (WPI)

WPI's Ignite program is a hands-on STEM summer program for rising 6th, 7th, and 8th graders, designed to spark curiosity, build scientific skills, and introduce young learners to exciting STEM careers through various courses.

Deadline: Jan 01, 2027

Who's eligible: Rising 6th, 7th, and 8th graders.

How to enroll: Registration will open via the WPI website.

Source: https://www.wpi.edu/academics/pre-collegiate/summer-programs/ignite

Science

Science Olympiad (Washington Science Olympiad Chapter)

Science Olympiad

National K-12 science competition with Division B for middle school students (grades 6-9). Washington chapter registration opened Sept 18, 2026.

Deadline: Jan 15, 2027

Who's eligible: Middle school students (grades 6-9) organized into teams of up to 15, registered by a head coach.

How to enroll: School/team registration via the state chapter's online platform by a head coach.

Source: https://scilympiad.com/wa

Register: https://scilympiad.com/wa

Science Robotics

Southern California Elementary Science Olympiad (Division A)

Southern California Science Olympiad

Offers elementary students (Division A) opportunities to engage in STEM competitions through regional tournaments in Southern California.

Deadline: Jan 15, 2027

Who's eligible: Elementary school students (Division A).

How to enroll: Team registration is completed online. Dues vary by region.

Source: https://socalscioly.org/

Science Coding & CS

NASA Dream with Us Design Challenge

NASA

The NASA Dream with Us Design Challenge tasks middle school students (grades 6-8) with designing an airport layout incorporating specific fuel types. The submission period is September 25, 2026, to January 22, 2027.

Deadline: Jan 22, 2027

Who's eligible: Middle school students (grades 6-8) from U.S. schools or children of U.S. military members overseas. Team registration by someone over 13 or an adult sponsor. Parent/guardian permission forms required.

How to enroll: Team registration, submission of design through a link on the challenge webpage. Parent/guardian permission forms. No AI tools.

Source: https://www.nasa.gov/dream-with-us/

Math Science

AwesomeMath Academy (Fall 2026 & Spring 2027)

AwesomeMath

AwesomeMath Academy offers live and asynchronous online mathematics and physics classes for talented middle and high school students.

Deadline: Jan 25, 2027

Who's eligible: Talented middle and high school students interested in exploring mathematics and physics.

How to enroll: Enrollment in chosen courses.

Source: https://www.awesomemath.org/academy/program-information

Civics & History Writing

C-SPAN StudentCam Contest

C-SPAN

A national video documentary competition for students in grades 6-12, where they create a short film on a theme related to civic engagement or current events.

Deadline: Jan 31, 2027

Who's eligible: Grades 6-12 (middle school included). Individual or teams of up to three.

How to enroll: Create and submit a 5-6 minute video documentary on the annual theme.

Source: https://www.studentcam.org/

Coding & CS | Science

GenCyber Camps

National Security Agency (NSA) and National Science Foundation (NSF)

Summer cybersecurity camps for middle school students (grades 6-8), funded by NSA/NSF. Dates and registration for Summer 2027 will be announced.

Deadline: Jan 31, 2027

Who's eligible: Varies by individual camp, but many target middle school students (grades 6-8). Some require U.S. citizenship or permanent residency.

How to enroll: Varies by individual camp; typically an application process with student and parent/guardian information.

Source: https://www.public.cyber.mil/gencyber/

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 Coding & CS

eCYBERMISSION

U.S. Army Educational Outreach Program (AEOP)

eCYBERMISSION is a free, virtual STEM competition for students in grades 6-9 in the United States and U.S. territories. Teams investigate a community problem with science or solve it with engineering.

Deadline: Mar 03, 2027

Who's eligible: Students in grades 6-9 residing in the United States and U.S. territories. Teams of 2-4 students with an adult Team Advisor.

How to enroll: Team registration, investigation of a community problem with science or engineering.

Source: https://www.aeop.com/programs/ecybermission

Science

Washington State Science and Engineering Fair (WSSEF)

Washington State Science and Engineering Fair (WSSEF)

A state-level fair for Washington students in grades 1-8 to present science and engineering projects. Registration for the 2027 fair opens September 1, 2026, with a deadline of March 15, 2027.

Deadline: Mar 15, 2027

Who's eligible: Grades 1-12 statewide. Grades 1-8 participate on April 2, 2027. Students in counties covered by a Regional Fair must register with their Regional Fair before entering WSSEF.

How to enroll: Register and prepare a science or engineering project.

Source: https://www.wssef.org/

Math Coding & CS

BEAM Gateway (for 8th Grade)

Bridge to Enter Advanced Mathematics (BEAM)

BEAM Gateway, offered by Bridge to Enter Advanced Mathematics (BEAM), provides free enrichment courses and support for 8th-grade students from lower-income families, preparing them for high school and college. The application window typically runs from January to March annually.

Deadline: Mar 31, 2027

Who's eligible: 8th-grade students from lower-income families, often first-generation college-bound. Primary criteria are mathematical readiness.

How to enroll: Families complete an application, students take an Admissions Challenge, and financial verification documents are submitted.

Source: https://www.beammath.org

Math

CEMC Gauss Contests

Centre for Education in Mathematics and Computing (CEMC)

An introduction to mathematics competitions for students in Grades 7 and 8, organized by the Centre for Education in Mathematics and Computing. The 2027 contest dates are May 10–21, 2027.

Deadline: Apr 22, 2027

Who's eligible: Students in Grades 7 and 8. Registration typically through their school.

How to enroll: Registration via the CEMC Contest Supervisor Portal by schools.

Source: https://www.cemc.uwaterloo.ca/contests/gauss.html

Science Robotics

GENIUS Olympiad

Terra Science and Education

An international project competition hosted by St. John Fisher University, focusing on environmental issues for students in grades 8-12.

Deadline: May 09, 2027

Who's eligible: Students in grades 8-12 worldwide.

How to enroll: A project addressing environmental problems.

Source: https://geniusolympiad.org/

Science Math

South Carolina Governor's School for Science and Mathematics (GSSM) GoSciTech Summer Camps (2027)

South Carolina Governor's School for Science and Mathematics (GSSM)

Residential and day STEM camps for rising 6th-10th graders in South Carolina, with virtual options. Applications for 2027 camps are expected to open around March 2027.

Deadline: May 31, 2027

Who's eligible: Rising 6th-10th graders. Residential camps require a B+ average or higher in science and math from their 2025-2026 first-semester report card.

How to enroll: Applications generally require academic transcripts (e.g., 2025-2026 first-semester report card for residential camps).

Source: https://www.scgssm.org/summercamps

Science

Georgia Elementary Science Olympiad (ESO)

Georgia ESO

This competition for students in grades 3-6 focuses on various science and engineering events. The 2026–2027 season is active, with regional competitions and information updated September 1, 2026.

Source: https://vertexaisearch.cloud.google.com/grounding-api-redirect/AUZIYQFyuP74pkK06Vj7O7iVuSIkjrQ2kfC33GAyHFJ6TJmZhP8WyZ7B-6655zr47Q8EMOFwhMsuH9QPaIwR1KlBhmNRD

Science Math

Students 2 Science Summer Camp

Students 2 Science

Summer camp offering hands-on STEM experiences for grades 3-8, with a 'Mystery Material Lab' for middle schoolers. Registration for Summer 2027 opens late 2026/early 2027.

Who's eligible: Children in grades 3-8, with specific sessions for middle schoolers.

How to enroll: Sign up on their registration page when it opens for the 2027 season.

Source: https://www.students2science.org/

Science

Southern California Science Olympiad (Division A)

Southern California Science Olympiad

Southern California Science Olympiad's Division A program is for elementary students (grades 4-6). Team registration is ongoing for the 2026-2027 season, with regional tournaments typically in the spring. The cost for participation is not specified.

Who's eligible: Elementary school students, typically 4th and 5th grade, with up to two 6th graders allowed per team. Teams are formed by students from the same school.

Source: https://scilympiad.com/socal-elementary

Science

American Science Olympiad (ASO)

American Science Olympiad

An online competition for students in Grades 1-8 that promotes curiosity, creativity, and critical thinking by challenging them to apply scientific concepts to real-world problems.

Who's eligible: Students in Grades 1-8.

How to enroll: Internet access for online competition.

Source: https://www.nsta.org/competitions#ExploraVision

Math Coding & CS

AoPS Academy Academic Year Courses

AoPS Academy

AoPS Academy offers rigorous academic year mathematics courses for advanced learners in grades 6-8, including specialized training for competitions like AMC 8 and MATHCOUNTS. Courses are available at physical campuses and online for the 2026-2027 Academic Year.

Who's eligible: Students in grades 6-8. Eligibility for specific courses may require completion of Algebra 1 or passing a placement test.

How to enroll: Contact AoPS Academy for tuition information. Admission process includes a placement test for some courses.

Source: https://www.aopsacademy.org/academic-year-courses

Math

AoPS Academy Academic Year Courses (Scholars Math 6-8)

Art of Problem Solving (AoPS) Academy

AoPS Academy offers rigorous academic year math courses for motivated students in grades 6-8, focusing on problem-solving. Enrollment is open for 2026-27, with in-person and online options.

Who's eligible: Students in grades 6-8. Requires a placement test for new students.

How to enroll: Request consultation and complete placement test.

Source: https://www.aopsacademy.org/academic-year

Science Coding & CS

MOSI School Break Camps

Museum of Science & Industry (MOSI)

MOSI in Tampa, Florida offers STEAM-focused School Break Camps for K-8 students. Specific camps for grades 5-8 in late 2026 include 'Minecraft Engineering', 'Game On! STEM and Gaming', and 'Digital Creators Lab'.

Who's eligible: K-8 students. Specific camps available for grades 5-8.

How to enroll: Packed lunch, two snacks, clothes that can get messy.

Source: https://www.mosi.org/camps/school-break-camps/

Register: https://www.mosi.org/camps/school-break-camps/

Math Science

Engineering Encounters Bridge Design Contest

Engineering Encounters

A nationwide competition for students in grades K-12 that promotes math, science, and technology education by challenging them to design, build, and test bridge contraptions.

Who's eligible: All U.S. students in grades K through 12. Can compete individually or in teams of two.

How to enroll: Design, build, and test bridge contraptions using simple materials.

Source: https://www.engineeringencounters.com/education/bridge-design-contest/

Science

National Science Bee (Elementary School Division)

International Academic Competitions

An academic quiz competition for elementary and middle school students in grades K-8, with local, regional, and national levels. Some events may be held online.

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

How to enroll: Registration for regional events.

Source: https://www.iacompetitions.com/national-science-bee

Science Coding & CS

Project Exploration - Sisters4Science / Brothers4Science

Project Exploration

Sisters4Science and Brothers4Science are STEM programs for Chicago middle school students (grades 6-8) focusing on hands-on learning and career exposure. Pre-registration for Fall 2026 programs is open.

Who's eligible: Middle school students (grades 6-8) in Chicago, IL.

How to enroll: Contact Project Exploration for fee details and registration.

Source: https://projectexploration.org

Science

National Science Bee (Middle & Elementary School Divisions)

International Academic Competitions (IAC)

Individual quiz competition testing students' knowledge across all aspects of science for 3rd-8th graders. Free Online Regional Qualifying Exam available in the Fall.

Who's eligible: Students in 3rd-8th grade divisions. Individual competition.

How to enroll: Students take a free Online Regional Qualifying Exam (ORQE).

Source: https://www.iacompetitions.com/national-science-bee/middle-elementary

Math

Girls' Adventures in Math (GAIM)

Girls' Adventures in Math

An online, team-based math competition for girls in upper elementary and middle school (grades 6-8), allowing teams to choose a two-hour slot to complete challenges collaboratively.

Who's eligible: Teams of four girls in grades 6-8. Do not need to attend the same school. Title 1 schools have special registration.

How to enroll: Registration submitted by a designated coach.

Source: https://www.girlsadventuresinmath.com/

Coding & CS Science

Veritas AI - AI Trailblazers

Veritas AI

A virtual 10-week program introducing middle school students (grades 6-8) to artificial intelligence and machine learning fundamentals, including Python, data analysis, and AI ethics. Rolling admissions.

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

How to enroll: Apply online.

Source: https://www.veritasai.com

Science

North Carolina Science Olympiad - Division A (Elementary)

North Carolina Science Olympiad (NCSO)

Regional and statewide science and engineering competitions for elementary school students (grades 4-6) in North Carolina.

Who's eligible: Elementary school students, typically grades 4-6, in teams representing schools.

How to enroll: Team registration via the state's Science Olympiad website.

Source: https://www.sciencenc.com/

Robotics Science

Camp Curiosity: Robotics 6-8 Camps at Great Lakes Science Center

Great Lakes Science Center

Week-long summer day camps for students entering grades 6-8, offering hands-on robotics and STEM experiences at the Great Lakes Science Center.

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

How to enroll: Online registration through the Great Lakes Science Center website.

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

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

Science Robotics

Great Lakes Science Center Camp Curiosity: Summer Day Camps (for 2027)

Great Lakes Science Center

The Great Lakes Science Center's Camp Curiosity offers summer day camps for grades K-6 in Cleveland, Ohio, with sessions expected to open for registration in late 2026 for Summer 2027. Weekly costs are $350 ($325 for members).

Who's eligible: Campers entering grades K-2 and 3-6 in Fall 2027.

How to enroll: A summer camp guide and scholarship application forms will be available.

Source: https://greatlakesscience.com/explore/camps-and-overnights/camp-curiosity-summer-camps/

Coding & CS Science

AI Trailblazers by Veritas AI

Veritas AI

A virtual program for middle school students (grades 6-8) to learn AI and machine learning fundamentals, including Python, data analysis, and AI ethics.

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

How to enroll: Application process.

Source: https://www.veritas.ai/

Science

National Science Bowl (NSB)

U.S. Department of Energy

A competitive quiz bowl event for middle school teams, organized by the U.S. Department of Energy, covering various science disciplines. Registration for regional competitions opens October 5, 2026.

Who's eligible: Middle school students from schools that meet specific criteria.

How to enroll: School team registration.

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

Science Math

Summer Discovery Middle School Programs (for Summer 2027)

Summer Discovery

Summer Discovery provides immersive academic enrichment programs in science and math for middle school students (grades 6-8) at various university campuses across the US for Summer 2027.

Who's eligible: Grades 6th-8th.

How to enroll: Complete an online application with a $100 non-refundable application fee. Upon acceptance, a program deposit is required, with full payment due by April (or later for late enrollment).

Source: https://www.summerdiscovery.com/middle-school-programs

Science Math

Science Fun Elementary Science Field Trips

Science Fun

Hands-on STEM field trip programs ('On-Demand' kits or 'In-School' scientist visits) for elementary students. Available nationwide for kits, and within 25 miles of Raleigh, NC for in-person visits. Registration open for 2025-2026 school year.

Who's eligible: Elementary students.

How to enroll: Registration handled by schools or teachers. On-Demand kits include video links. In-School option requires school proximity to Raleigh, NC.

Source: https://www.sciencefun.org/

Science

Summer Discovery

Summer Discovery

Academic summer programs for middle school students (grades 6-8) at prestigious U.S. universities, offering various science-related courses. Registration for Summer 2027 opens August 25, 2026.

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

How to enroll: Applications are accepted until programs are full.

Source: https://www.summerdiscovery.com

Register: https://www.summerdiscovery.com

Math

Math League Middle School Contests

mathleague.org

mathleague.org offers middle school contests with monthly qualifying rounds throughout the academic year (October 2026 - February 2027), available nationally with in-person and online options. State Championships are in March and National Championships in April.

Who's eligible: Middle school students. Students may only sign up for one contest under each release number.

How to enroll: Registration through local coordinators.

Source: https://mathleague.org/mscontest.php

Math

AoPS Online Courses (e.g., AMC 8/MATHCOUNTS Comprehensive Training)

Art of Problem Solving (AoPS)

Art of Problem Solving (AoPS) provides online math courses for motivated students aged 11-14, including training for AMC 8 and MATHCOUNTS competitions. Courses are offered year-round with flexible enrollment.

Who's eligible: Ages 11-14 for AMC 8/MATHCOUNTS Comprehensive Training; other middle school courses have similar age/grade recommendations.

How to enroll: Select a desired course and session, then register and pay the course fee.

Source: https://artofproblemsolving.com/online

Science Math

SCOPE Education Services - 2026-2027 School Year Enrichment Programs

SCOPE Education Services

SCOPE Education Services offers STEAM (Science, Technology, Engineering, Arts, Mathematics) enrichment programs for students aged 5-18, with a focus on challenging curriculum and critical thinking skills through hands-on learning.

Who's eligible: Students aged 5-18.

How to enroll: First-come, first-served enrollment. Registration is currently open or will open soon.

Source: https://www.scopeonline.us/enrichment

Science Math

Gains in the Education of Mathematics and Science (GEMS)

U.S. Army Educational Outreach Program (AEOP)

The Gains in the Education of Mathematics and Science (GEMS) program, part of AEOP, offers summer enrichment experiences in STEM for students in grades 5-12. Specific 2026 application dates are not yet detailed, but applications typically open late fall/early winter for the following summer.

Who's eligible: Students in grades 5-12 (middle school grades 6-8 included); U.S. citizen or permanent resident.

How to enroll: Online application, typically including academic information and essays.

Source: https://www.usaeop.com/program/gems/

Math

Think Academy - Middle School Live Classes

Think Academy

Structured, results-driven math programs for K-12 students, focusing on small-group live classes and measurable progress. Offers online and offline learning centers with rolling enrollment.

Who's eligible: K-12 students, including middle schoolers.

How to enroll: Class registration.

Source: https://www.thethinkacademy.com/

Math

Russian School of Mathematics (RSM) - Middle School Programs

Russian School of Mathematics (RSM)

Year-round, rigorous math programs for K-12 students, including specific tracks for middle schoolers (grades 6-8). Offers online and in-person learning centers across the US.

Who's eligible: K-12 students, with specific programs for middle schoolers (grades 6-8). Placement assessment required.

How to enroll: Assessment for placement.

Source: https://www.russianschool.com/

Math

Spirit of Math After-School Program - 2026-2027 Academic Year

Spirit of Math

Spirit of Math offers a rigorous after-school mathematics program for high-performing students from Kindergarten to Grade 11. Registration for the 2026-2027 academic year is open, requiring an assessment/interview and a registration fee.

Who's eligible: High-performing students from Kindergarten to Grade 11. Application and assessment/interview required.

How to enroll: Application, assessment/interview, and a non-refundable annual registration fee.

Source: https://www.spiritofmath.com

Coding & CS Robotics

Create & Learn - Online STEM Camps and Classes for Science Competitions

Create & Learn

Live online STEM camps and tutoring focused on Python, Robotics, and AI to prepare students for science competitions and fairs. Offers ongoing classes and an annual Code for Nature Challenge.

Who's eligible: Students in grades K-12. Specific classes like Python for AI are foundational for middle schoolers.

How to enroll: Register for online classes or camps.

Source: https://www.createandlearn.us/

Science

Northwestern University Center for Talent Development (CTD) Summer Programs

Northwestern University Center for Talent Development (CTD)

Northwestern University's CTD provides academic summer programs in science for gifted middle school students (grades 6-8) at its Evanston campus and other US locations, with registration opening Fall 2026.

Who's eligible: Gifted students based on academic achievement and standardized test scores.

How to enroll: Application when registration window opens.

Source: https://www.ctd.northwestern.edu/

Science Coding & CS

Camp Curiosity: Summer Day Camps

Great Lakes Science Center

The Great Lakes Science Center's Camp Curiosity offers weekly science-themed day camps for students entering grades K-8 in Summer 2026, with various themes like LEGO, Minecraft, space, and coding.

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

How to enroll: 25% down payment at registration, full payment due three days before camp session.

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

Science

Fleet Science Center STEM Camps

Fleet Science Center

The Fleet Science Center in San Diego, CA, offers week-long STEM summer camps for grades 1-6 during Summer 2026, covering various science topics with options like Archaeology, Gross Anatomy, and Eco Adventure. Specific dates in July and August 2026 are available.

Who's eligible: Grades 1-6.

How to enroll: Online registration for specific camp dates and themes.

Source: https://www.fleetscience.org/events/camps

Coding & CS | Science

USA Computing Olympiad (USACO)

USA Computing Olympiad (USACO)

A free, online algorithmic programming competition for pre-college students worldwide, serving as a pathway for the International Olympiad in Informatics. Features four contests during the academic year.

Who's eligible: Pre-college students worldwide, including middle school students. Must be a US citizen or resident for IOI/EGOI team selection.

How to enroll: Create a free account on the USACO website.

Source: https://usaco.org/

Register: https://usaco.org/

Science | Math

CEF You Be The Solution Challenge™

Chemical Educational Foundation (CEF)

An interactive, team-based STEM competition designed by the Chemical Educational Foundation (CEF) for students in grades 5-8 to explore chemistry concepts and their real-world applications.

Who's eligible: Teams of 3-4 students from the same school, homeschool association, or CEF-approved student group.

How to enroll: A team and participation in the Qualifier Round (online) or regional challenge events.

Source: https://www.cefinstem.org/

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

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

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

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

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 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/

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/

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/

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

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

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

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

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)

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

Science Coding & CS

ORISE STEM Cities Student Competition

Oak Ridge Institute for Science and Education (ORISE)

A national online competition for K-12 students to envision and create a futuristic city powered by innovative technology, with submissions due October 31, 2026.

Deadline: Oct 31, 2026

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

How to enroll: Design a futuristic city and provide a pitch explaining the idea and underlying STEM concepts.

Source: https://orise.orau.gov/stem/competitions/index.html

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 Coding & CS

NASA TechRise Student Challenge

NASA

Invites student teams to design science and technology experiments to fly on a suborbital flight vehicle, fostering interest in STEM and space exploration. The entry deadline for experiment ideas is November 2, 2026.

Deadline: Nov 02, 2026

Who's eligible: Student teams in grades 6-12 attending U.S. public, private, or charter schools (including U.S. territories), guided by an educator.

How to enroll: Teams submit science and technology experiment ideas.

Source: https://www.nasa.gov/stem/forstudents/5-8/index.html

Math Science

High School Mathematical Contest in Modeling (HiMCM)

COMAP (Consortium for Mathematics and its Applications)

An international online team competition where high school students solve real-world problems using mathematical modeling, problem-solving, and writing. Registration deadline is November 4, 2026.

Deadline: Nov 04, 2026

Who's eligible: Teams consist of up to four students from the same school or affiliated program, along with a faculty advisor.

How to enroll: Team registration.

Source: https://www.comap.com/contests/himcm-midmcm

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/

Science Math

Davidson Institute Young Scholars Program

Davidson Institute

A program providing support and a community for profoundly gifted students, including those in middle school, to thrive academically and socially, with opportunities for enrichment like online courses.

Deadline: Nov 20, 2026

Who's eligible: Profoundly or exceptionally gifted students, typically grades K-12, who meet specific criteria based on standardized test scores.

How to enroll: An online application that includes applicant and parent information, qualifying test scores, and a recommender (not a family member or test administrator). A Parent Agreement Form is also required.

Source: https://www.davidsongifted.org/young-scholars

Register: https://davidsongifted.smapply.io/

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

Art & Design Science

Doodle for Google

Google

An annual art contest for K–12 students across the U.S. challenging them to create an original doodle based on a specific theme, often interpretable through a STEM lens. Entry is free.

Deadline: Dec 01, 2026

Who's eligible: Students in grades K-12 in the U.S.

How to enroll: An original doodle based on the annual theme.

Source: https://doodles.google.com/d4g/

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

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

Science Math

Ohio Science Olympiad (2026-2027 Season)

Ohio Science Olympiad

The Ohio Science Olympiad offers a team-based science competition for K-12 students, with Division B for grades 6-9. Registration for the 2026-2027 season is open until December 17, 2026.

Deadline: Dec 17, 2026

Who's eligible: Students in Division B (grades 6-9). Teams must be registered with the state office.

How to enroll: Team registration and payment of a registration fee.

Source: https://www.ohso.org/

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/

Science

Science Olympiad (Washington Science Olympiad Chapter)

Science Olympiad

National K-12 science competition with Division B for middle school students (grades 6-9). Washington chapter registration opened Sept 18, 2026.

Deadline: Jan 15, 2027

Who's eligible: Middle school students (grades 6-9) organized into teams of up to 15, registered by a head coach.

How to enroll: School/team registration via the state chapter's online platform by a head coach.

Source: https://scilympiad.com/wa

Register: https://scilympiad.com/wa

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/

Math Science

AwesomeMath Academy (Fall 2026 & Spring 2027)

AwesomeMath

AwesomeMath Academy offers live and asynchronous online mathematics and physics classes for talented middle and high school students.

Deadline: Jan 25, 2027

Who's eligible: Talented middle and high school students interested in exploring mathematics and physics.

How to enroll: Enrollment in chosen courses.

Source: https://www.awesomemath.org/academy/program-information

Civics & History Writing

C-SPAN StudentCam Contest

C-SPAN

A national video documentary competition for students in grades 6-12, where they create a short film on a theme related to civic engagement or current events.

Deadline: Jan 31, 2027

Who's eligible: Grades 6-12 (middle school included). Individual or teams of up to three.

How to enroll: Create and submit a 5-6 minute video documentary on the annual theme.

Source: https://www.studentcam.org/

Science

ExploraVision

Toshiba and National Science Teaching Association (NSTA)

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

Deadline: Feb 01, 2027

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

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

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

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

Math Science

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 Science

Carnegie Mellon Summer Academy for Math and Science (SAMS)

Carnegie Mellon University

A fully funded, six-week residential STEM program for high school juniors from underrepresented communities. Offers rigorous curriculum, hands-on projects, and college credit.

Deadline: Feb 15, 2027

Who's eligible: High school juniors who are U.S. citizens or permanent residents and at least 16 years old by the program start date. Focus on students from underrepresented communities.

How to enroll: Online application, unofficial high school transcripts, two letters of recommendation (one from a current math instructor), two essays, and documentation of financial need. Scholars are responsible for travel costs.

Source: https://www.cmu.edu/pre-college/academic-programs/sams.html

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

PROMYS (Program in Mathematics for Young Scientists)

Boston University

A six-week residential summer program at Boston University for mathematically talented high school students aged 14-18, focusing on number theory and proof-based mathematics. Free for domestic students with family incomes under $80,000.

Deadline: Feb 28, 2027

Who's eligible: Students must be 14–18 years old, have completed 9th grade (or its equivalent), and not yet be enrolled as a full-time college or university student by the first day of the program.

How to enroll: Solutions to a problem set, letter of recommendation, high school transcript, and an application form.

Source: https://promys.org/for-students/

Math

Canada/USA Mathcamp – 2027 Application

Canada/USA Mathcamp

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

Deadline: Feb 28, 2027

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

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

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

Science Coding & CS

eCYBERMISSION

U.S. Army Educational Outreach Program (AEOP)

eCYBERMISSION is a free, virtual STEM competition for students in grades 6-9 in the United States and U.S. territories. Teams investigate a community problem with science or solve it with engineering.

Deadline: Mar 03, 2027

Who's eligible: Students in grades 6-9 residing in the United States and U.S. territories. Teams of 2-4 students with an adult Team Advisor.

How to enroll: Team registration, investigation of a community problem with science or engineering.

Source: https://www.aeop.com/programs/ecybermission

Math

The Ross Program

The Ohio State University

An intensive six-week residential summer math program at The Ohio State University focused on number theory and proof-based mathematics for motivated pre-college students.

Deadline: Mar 31, 2027

Who's eligible: Motivated high school students deeply interested in mathematics.

How to enroll: Solutions to a challenging problem set.

Source: https://math.osu.edu/ross

Science Robotics

GENIUS Olympiad

Terra Science and Education

An international project competition hosted by St. John Fisher University, focusing on environmental issues for students in grades 8-12.

Deadline: May 09, 2027

Who's eligible: Students in grades 8-12 worldwide.

How to enroll: A project addressing environmental problems.

Source: https://geniusolympiad.org/

Science Math

South Carolina Governor's School for Science and Mathematics (GSSM) GoSciTech Summer Camps (2027)

South Carolina Governor's School for Science and Mathematics (GSSM)

Residential and day STEM camps for rising 6th-10th graders in South Carolina, with virtual options. Applications for 2027 camps are expected to open around March 2027.

Deadline: May 31, 2027

Who's eligible: Rising 6th-10th graders. Residential camps require a B+ average or higher in science and math from their 2025-2026 first-semester report card.

How to enroll: Applications generally require academic transcripts (e.g., 2025-2026 first-semester report card for residential camps).

Source: https://www.scgssm.org/summercamps

Math

Honors Summer Math Camp (HSMC)

Texas State University Mathworks

A six-week residential camp hosted by Texas State University Mathworks for high school students, focusing on advanced mathematics and problem-solving.

Who's eligible: High school students.

How to enroll: Teacher recommendation.

Source: https://www.mathworks.txstate.edu/camps/hsmc

Math Science

Engineering Encounters Bridge Design Contest

Engineering Encounters

A nationwide competition for students in grades K-12 that promotes math, science, and technology education by challenging them to design, build, and test bridge contraptions.

Who's eligible: All U.S. students in grades K through 12. Can compete individually or in teams of two.

How to enroll: Design, build, and test bridge contraptions using simple materials.

Source: https://www.engineeringencounters.com/education/bridge-design-contest/

Science Math

Gains in the Education of Mathematics and Science (GEMS)

U.S. Army Educational Outreach Program (AEOP)

The Gains in the Education of Mathematics and Science (GEMS) program, part of AEOP, offers summer enrichment experiences in STEM for students in grades 5-12. Specific 2026 application dates are not yet detailed, but applications typically open late fall/early winter for the following summer.

Who's eligible: Students in grades 5-12 (middle school grades 6-8 included); U.S. citizen or permanent resident.

How to enroll: Online application, typically including academic information and essays.

Source: https://www.usaeop.com/program/gems/

Math Science

Research Science Institute (RSI)

Center for Excellence in Education (CEE) and MIT

The Research Science Institute (RSI) is a prestigious, fully funded summer research program for rising high school seniors, offering intensive research experience in STEM fields, including mathematics, at MIT. The application window for the 2027 program typically opens in Fall 2026.

Who's eligible: Rising high school seniors with exceptional academic records and a strong interest in research. Highly competitive.

How to enroll: Application including essays, recommendations, transcripts, and standardized test scores.

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

Math

Spirit of Math After-School Program - 2026-2027 Academic Year

Spirit of Math

Spirit of Math offers a rigorous after-school mathematics program for high-performing students from Kindergarten to Grade 11. Registration for the 2026-2027 academic year is open, requiring an assessment/interview and a registration fee.

Who's eligible: High-performing students from Kindergarten to Grade 11. Application and assessment/interview required.

How to enroll: Application, assessment/interview, and a non-refundable annual registration fee.

Source: https://www.spiritofmath.com

Coding & CS Robotics

Create & Learn - Online STEM Camps and Classes for Science Competitions

Create & Learn

Live online STEM camps and tutoring focused on Python, Robotics, and AI to prepare students for science competitions and fairs. Offers ongoing classes and an annual Code for Nature Challenge.

Who's eligible: Students in grades K-12. Specific classes like Python for AI are foundational for middle schoolers.

How to enroll: Register for online classes or camps.

Source: https://www.createandlearn.us/

Math

Continental Mathematics League (CML)

Continental Mathematics League (CML)

The Continental Mathematics League (CML) offers a national math competition for students in grades 1-12, featuring six monthly sessions throughout the academic year for high school students. Registration for the 2026-2027 season starts in the fall.

Who's eligible: Students in grades 1-12. High school format includes six monthly sessions.

How to enroll: School registration via the CML website.

Source: http://www.continentalmathematicsleague.com/

Coding & CS Science

USA Computing Olympiad (USACO)

USA Computing Olympiad (USACO)

A free, online algorithmic programming competition for pre-college students worldwide, serving as a pathway for the International Olympiad in Informatics. Features four contests during the academic year.

Who's eligible: Pre-college students worldwide, including middle school students. Must be a US citizen or resident for IOI/EGOI team selection.

How to enroll: Create a free account on the USACO website.

Source: https://usaco.org/

Register: https://usaco.org/

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

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

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

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 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/

Coding & CS Robotics

CU Science Discovery Summer Camps

University of Colorado Boulder

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

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

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

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

Math Science

AwesomeMath STEM Academy

AwesomeMath

The AwesomeMath STEM Academy offers live, virtual classes for 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

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

Math

MathPath (for Summer 2027)

MathPath

An intensive four-week residential summer camp for mathematically talented 11- to 14-year-olds, focusing on in-depth mathematical exploration. Applications for Summer 2027 are expected to open around December 2026.

Deadline: Mar 01, 2027

Who's eligible: Mathematically talented students aged 11-14.

How to enroll: Application including a short problem set.

Source: https://mathpath.org/

Science

NIE Summer Science Camp

St. Louis American Foundation

The Newspaper in Education (NIE) Summer Science Camp in St. Louis, MO, offers elementary-aged students hands-on STEM activities. Details for the June 2027 camp will be announced later.

Who's eligible: Elementary-aged students.

How to enroll: Further details and application information to be announced.

Source: https://www.stlamerican.com/nie/summer-science-camp

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/