

Inspiring

THE NEXT GENERATION *of*

SCIENCE

SCIENCE
OLYMPIAD
IS FOR YOU



SCIENCE OLYMPIAD *is for* **Students**



That one thing.

That's what all the guidance counselors and campus tour guides tell students to find. That one thing. A place where you feel like you can be yourself, exercise your unique talents, and find friends who excel in science. That's Science Olympiad.



If you want to be an engineer, a chemist, a biology teacher, an astronaut, an astrophysicist, a math professor, or hey, how about all of the above, Science Olympiad lets you try it on for size. We've got 23 events touching every letter in STEM to allow you to explore any pathway. Science Olympiad helps you find your what, your how, and maybe most importantly, **your why**.



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Do you have what it takes to get a \$10,000 Science Olympiad Founders' Scholarship? Scan the QR code to find out about past and upcoming scholarship opportunities!

TOURNAMENTS

Science Olympiad tournaments are a blast, usually held on a college or community college campus, comprised of a full day of teams hustling from home base to labs, gyms and classrooms in pairs and threes to compete in events that test learning, lab and building skills on the spot. Picture a track meet, but for science. The payoff? An awards ceremony in a huge auditorium or stadium, with crowds cheering while you're showered with medals, trophies, scholarships and accolades for your brilliance. Not bad for the college app either.



GIVING BACK

Science Olympiad celebrates the accomplishments of next-gen change-makers who exemplify the spirit of Science Olympiad, from writing a STEM curriculum and hosting summer camps to founding nonprofits committed to hands-on environmental literacy and mentoring. Science Olympiad isn't just a club, it's a community.



Science Olympiad alum Jiin Yun developed a passion for environmental science in Science Olympiad and authored the Recycling Dictionary children's book and app.



“

Science Olympiad did more than nurture me as a learner; I learned to build a community. My ability to unite student voices, policymakers and educators helped shape a mosaic of perspective that I believe is fundamental for educational equity.

”

EMILY WON

Science Olympiad 2024 Founders' Scholarship Winner,



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SCIENCE OLYMPIAD *is for* **Coaches**



When you coach a Science Olympiad team, your love of learning and excitement for science gets reflected back every day, at every practice and every competition. Science Olympiad lets students flex independent learning skills as they build devices and study for events; your job is part talent scout, part cheerleader and part drill instructor. As the season progresses, you'll rediscover the reason you became a teacher.



Science Olympiad events align with Next Generation Science Standards, allowing you to extend your school's science curriculum with engaged learners in an after-school setting. Check out the list of events we've got lined up for the 2025 season; there's something for everyone!



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Scan to feel the excitement of a Science Olympiad National Tournament in our new **Science Olympiad Is For You** video on YouTube!

2025 EVENTS BY DIVISION

DIVISION B GRADES 6-9



Life, Personal & Social Science
Anatomy and Physiology
(Skeletal, Muscular, Integumentary)
Disease Detectives
Ecology
(Deserts and Grasslands)
Entomology
Microbe Mission



Earth & Space Science
Dynamic Planet
Fossils
Meteorology
Reach for the Stars
Road Scholar



Physical Science & Chemistry
Air Trajectory
Optics
Wind Power
Crime Busters
Potions & Poisons



Technology & Engineering Design
Helicopter
Mission Possible
Scrambler
Tower



Inquiry & Nature of Science
Codebuster
Experimental Design
Metric Mastery
Write It, Do It



Featured Trial Events
Aerial Scramble
Agricultural Science
Botany
Engineering CAD
Hovercraft

DIVISION C GRADES 9-12

Life, Personal & Social Science
Anatomy and Physiology
(Skeletal, Muscular, Integumentary)
Disease Detectives
Ecology
(Deserts and Grasslands)
Entomology
Microbe Mission

Earth & Space Science
Astronomy
Dynamic Planet
Fossils
Geologic Mapping

Physical Science & Chemistry
Air Trajectory
Optics
Wind Power
Chemistry Lab
(Equilibrium & Chemical Reactions/Stoichiometry)
Forensics
Materials Science

Technology & Engineering Design
Electric Vehicle
Helicopter
Robot Tour
Tower

Inquiry & Nature of Science
Codebusters
Experimental Design
Bungee Drop
Write It, Do It

Featured Trial Events
Aerial Scramble
Agricultural Science
Botany
Engineering CAD
Hovercraft



“

My proudest accomplishment is watching the program grow from nothing to the now where our students expect for us to win or medal in multiple events at state. Watching the growth of my students from squirrely freshmen to insightful and mature young people is the single greatest thing about being a teacher. What brings me most joy as a coach is watching and participating in this maturation process over the years with my students.

”

CALEB WIEMS

Coach,
WICHITA HEIGHTS HIGH SCHOOL
WICHITA, KANSAS

Science Olympiad: The Basics

DIVISION B
(Grades 6-9)

DIVISION C
(Grades 9-12)

6.3K



Teams in 2024

15



Members on a Team

425

Invitational, Regional,
State and National
Tournaments

23

Events in
Each Division

50

State Organizations



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SCIENCE OLYMPIAD is for **Administrators**

Science Olympiad helps you to achieve many of your goals as an **administrator** by enhancing STEM education programming, building community buy-in and recognition for school achievements, and engaging students with hands-on experiences that prepare them for college and beyond. Students specialize in subjects of their choice, from bio to chem to tech and engineering, while teachers get to work with kids who've raised their hand and said **YES to science**.



Exploring the World of Science



Each fall, Science Olympiad releases new rules for 23 STEM-related competitive events. Students pair up and tackle the building devices for on-site testing, studying for core knowledge challenges, and preparing for rigorous hands-on lab experiments. School teams register annually through their state Science Olympiad chapter, for a great value compared to other top STEM programs.



**SCIENCE
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IS FOR YOU**

Find out why a science teacher at Whitefish High School in Montana thinks Science Olympiad provides opportunities for all things STEM and creates a pipeline of interest in districts from sixth to twelfth grade.



“

We are incredibly proud of how our team represented Parklane Academy on the national stage. The quick response from our parents as well as school community in fundraising to get our team to Michigan shows just how important this opportunity was to all of us.

The Science Olympiad program has provided our students with opportunities to excel academically and at the same time foster a deep sense of camaraderie and school spirit.

”

JILL JACKSON

HS Principal,
PARKLANE ACADEMY
MCCOMB, MISSISSIPPI

SCIENCE OLYMPIAD: **The Value**

Science Olympiad Registration

\$100-\$350

Cost of a typical Science Olympiad team registration, **entire year** all the way to nationals

Other STEM Competition Fees

\$750

Cost of a Regeneron Science and Engineering Fair Entry for 1-3 entries

\$6,000

Cost of FIRST Robotics Team Fee and Mandatory Kit for 10 students at 1 regional



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SCIENCE OLYMPIAD is for **Hosts**



If you're searching for effective ways to fill the **STEM talent pipeline**, look no further than

Science Olympiad. Our program allows students to try on a variety of sciences for size and develop soft skills like teamwork, collaboration and problem solving. Hosting a Science Olympiad tournament brings hundreds of students to campus, where they interact with faculty, experience your facilities and consider a future STEM pathway with your logo on their t-shirt! Students regularly say that the experience of visiting a campus for a Science Olympiad tournament was the deciding event in choosing a 2- or 4-year college.



“The support that UNLV is showing by being involved in this competition is extraordinary. Having teams step foot on campus, spend the day there, having event supervisors who are actual students in either the undergrad or graduate programs and even some professors participate in events — that was outstanding for the students to have that experience.”

TRACY VISCOSI

Nevada Science Olympiad State Director



**SCIENCE
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Find out how University of Nevada Las Vegas welcomes Science Olympiad students to campus for the Nevada State Tournament.

SCIENCE OLYMPIAD ALUMNI NETWORK

Science Olympiad doesn't stop in senior year of high school. There are now 53 Science Olympiad College Alumni Chapters on top campuses across the US, like Caltech, Stanford, Cornell, Michigan, Texas A&M, University of Chicago, Harvard, Princeton and Yale. Undergrads and graduate students founded these clubs to host tournaments, perform community service and provide opportunities to showcase each campus' faculty and facilities.



“

Our alumni chapter has offered us opportunities to connect with people in our fields of interest and has allowed us to provide guidance and support to future SO alumni. We are always excited to see the impact our alumni have!”

”

POOJA YALAVARTHI

President,
THE UNIVERSITY OF MICHIGAN-ANN ARBOR
SCIENCE OLYMPIAD ALUMNI CHAPTER

2025 SCIENCE OLYMPIAD NATIONAL TOURNAMENT HOST, UNIVERSITY OF NEBRASKA-LINCOLN



MAY 23-24, 2025

UNIVERSITY OF
Nebraska
Lincoln



“

To have the best and the brightest STEM students coming to campus is great for the university and the community.

”

SHARON JALENE, PH.D.

*UNLV Associate Dean of Academic
and Student Affairs, School of
Integrated Health Sciences,*
UNIVERSITY OF NEVADA, LAS VEGAS

UNLV



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SCIENCE OLYMPIAD *is for* **Mentors**



Science Olympiad depends on an army of dedicated educators, parents, alumni, administrators and corporate mentors who write content, run tournaments, offer professional development and generally make Science Olympiad work. With your help, Science Olympiad is building the next generation of science students and professionals.



While each team has a faculty head coach, many teams rely on local high school students, alumni, parents or community members to assist with preparing for events. Volunteers may help with team practice sessions, build or lab event preparation, or simply provide snacks and encouragement. Many corporations have dedicated Employee Mentoring programs which allow workers time off to participate in programs like Science Olympiad.



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Read this fantastic article from *EdSurge* about how Science Olympiad is helping shrink the STEM gap and how it encourages both boys and girls to collaborate in a community of teammates, partners and role models.

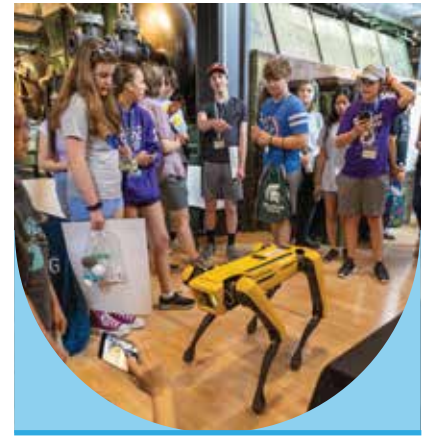
TOURNAMENT VOLUNTEERS

Science Olympiad tournaments are labor-intensive affairs full of fun and excitement - they are usually held on a Saturday and require between 100-300 volunteers to run the 46 events, register and check in teams, run the scoring room, hand out medals, arrange lunch and oversee all the little details. Contact your Science Olympiad State Director if you want to assist.



EVENT SUPERVISORS

Event Supervisors are STEM professionals and subject matter experts who make tournaments fun and competitive for students. Using the Rules Manuals as guidelines, Event Supervisors create tests or hands-on challenges and are in charge of scoring. If you're a faculty member of the host site, this is a great way for students to get to know college professors and start to see themselves as future STEM majors. If you're an industry partner, this is valuable exposure for kids into the STEM workforce (and maybe your company someday!).



“

Corteva and Science Olympiad share a mission of inspiring and educating our nation's youth, and it's incredible to see how Science Olympiad events like Botany, Green Generation, and Robot Tour touch on the skills needed in today's workforce.

”

JENNY KOPACH

CEO

Science Olympiad



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SCIENCE OLYMPIAD is for **Sponsors**



For the 2024-2025 tournament year, Science Olympiad is privileged to have sponsors who are true partners in our mission. Each of the corporations, associations and groups listed below have a vested interest in improving the quality of K-12 STEM education.

PLATINUM SPONSORS



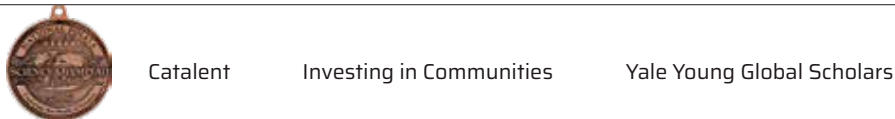
GOLD SPONSORS



SILVER SPONSORS



BRONZE SPONSORS



STRATEGIC PARTNERS



MEMBERSHIP

For a complete listing of events, state websites and tournament information, or to learn more about becoming a registered member team, please visit our website soinc.org.

UPCOMING NATIONAL TOURNAMENT

May 23-24, 2025



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2025 DIGITAL ONLINE STORE + RULES!

Please visit store.soinc.org to order digital DVDs, Test Packets, Starter Packs and Stacks and other educational materials you can use to prepare for Science Olympiad tournaments and classroom instruction. Digital PDF Rules Manuals for both Division B and C are free downloads at www.soinc.org.

