

SCIENCE OLYMPIAD

The Nation's Most Exciting
K-12 Science Competition

SCIENCE OLYMPIAD VISION >

Our vision is to increase K-12 student and teacher participation in Science, Technology, Engineering and Math (STEM).

CORE BELIEFS AND VALUES >

Science Olympiad is committed to:

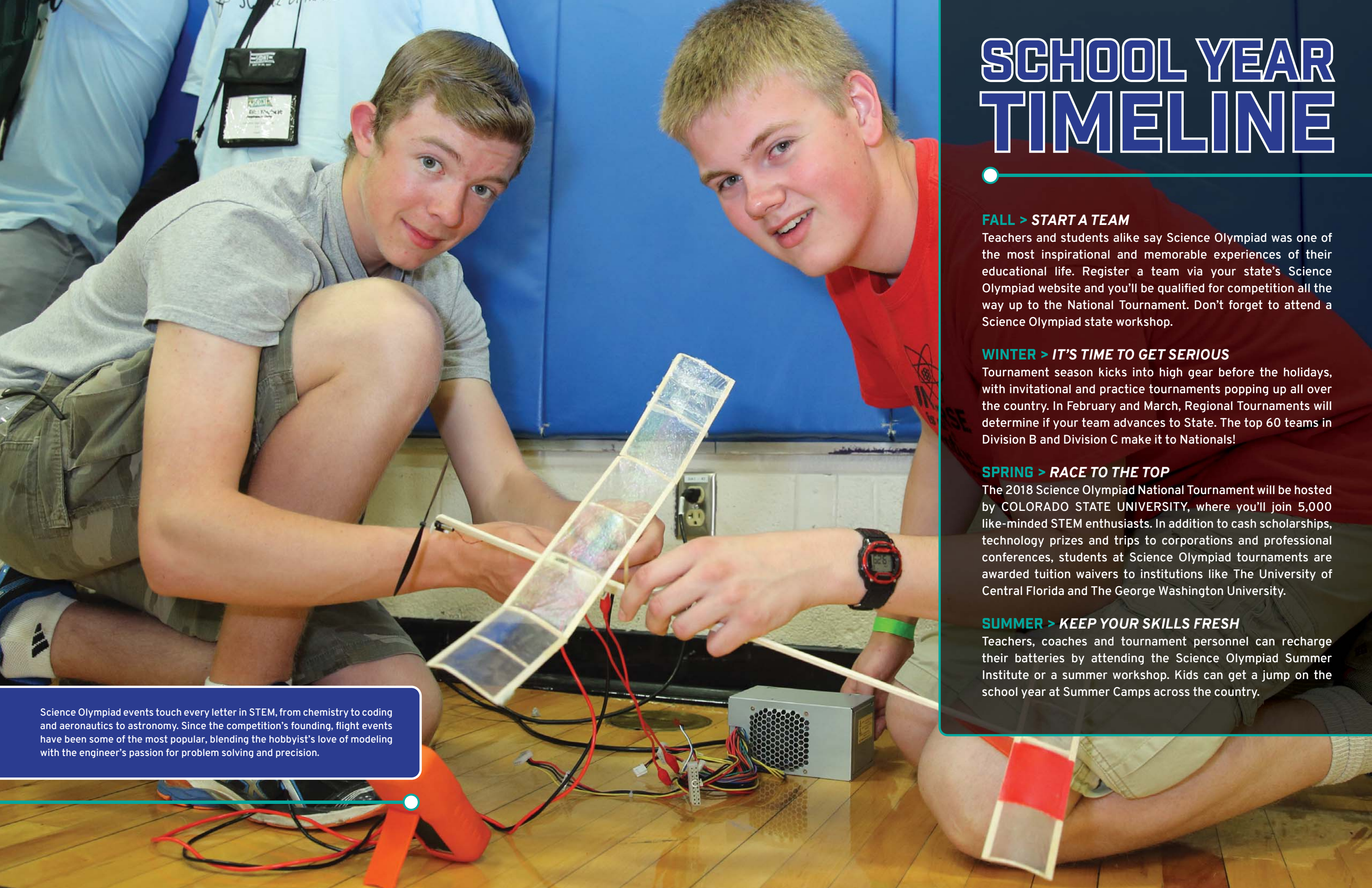
- Developing hands-on, standards-aligned STEM content with industry and education partners
- Providing volunteers and mentors a platform to share subject-matter expertise in relevant STEM topic areas
- Creating opportunities for student teamwork, problem solving and collaboration
- Recognizing outstanding achievement by students and teachers
- Encouraging male, female and minority students to enroll in STEM courses
- Building a strong STEM workforce

SINCE 1984

SCIENCE OLYMPIAD MISSION >

Our mission is to host exciting competitive tournaments and professional development workshops that showcase innovative STEM content to students and teachers throughout the United States.

Science Olympiad events like Towers showcase real-world skills like computer-aided design, prototyping and manufacturing. Teams work here to build an efficient structure capable of holding a prescribed load.



SCHOOL YEAR TIMELINE

FALL > START A TEAM

Teachers and students alike say Science Olympiad was one of the most inspirational and memorable experiences of their educational life. Register a team via your state's Science Olympiad website and you'll be qualified for competition all the way up to the National Tournament. Don't forget to attend a Science Olympiad state workshop.

WINTER > IT'S TIME TO GET SERIOUS

Tournament season kicks into high gear before the holidays, with invitational and practice tournaments popping up all over the country. In February and March, Regional Tournaments will determine if your team advances to State. The top 60 teams in Division B and Division C make it to Nationals!

SPRING > RACE TO THE TOP

The 2018 Science Olympiad National Tournament will be hosted by COLORADO STATE UNIVERSITY, where you'll join 5,000 like-minded STEM enthusiasts. In addition to cash scholarships, technology prizes and trips to corporations and professional conferences, students at Science Olympiad tournaments are awarded tuition waivers to institutions like The University of Central Florida and The George Washington University.

SUMMER > KEEP YOUR SKILLS FRESH

Teachers, coaches and tournament personnel can recharge their batteries by attending the Science Olympiad Summer Institute or a summer workshop. Kids can get a jump on the school year at Summer Camps across the country.

Science Olympiad events touch every letter in STEM, from chemistry to coding and aeronautics to astronomy. Since the competition's founding, flight events have been some of the most popular, blending the hobbyist's love of modeling with the engineer's passion for problem solving and precision.

2018 EVENTS

DIVISION B > Grades 6-9

Life, Personal & Social Science

Anatomy & Physiology
Disease Detectives
Ecology
Herpetology
Microbe Mission

Earth & Space Science

Dynamic Planet
Meteorology
Road Scholar
Rocks and Minerals
Solar System

Physical Science & Chemistry

Crime Busters
Hovercraft
Optics
Potions and Poisons
Thermodynamics

Technology & Engineering

Battery Buggy
Roller Coaster
Towers
Wright Stuff

Inquiry & Nature of Science

Experimental Design
Fast Facts
Mystery Architecture
Write It Do It

DIVISION C > Grades 9-12

Life, Personal & Social Science

Anatomy & Physiology
Disease Detectives
Ecology
Herpetology
Microbe Mission

Earth & Space Science

Astronomy
Dynamic Planet
Remote Sensing
Rocks and Minerals

Physical Science & Chemistry

Chem Lab
Forensics
Hovercraft
Materials Science
Optics
Thermodynamics

Technology & Engineering

Helicopters
Mission Possible
Mousetrap Vehicle
Towers

Inquiry & Nature of Science

Experimental Design
Game On
Fermi Questions
Write It Do It

For short descriptions of each of the 2018 events, see
<https://www.soinc.org/learn/b-event-short-descriptions> and
<https://www.soinc.org/learn/c-event-short-descriptions> on the Science Olympiad website.

This challenger readies her Scrambler vehicle for a trip down a track where the ability to stop at a defined target distance will determine her team's (and the egg's) success. Girls make up more than half of competitors at all levels of Science Olympiad.

SPECIAL PROGRAMS

2017 Science Olympiad National Tournament Division C champions from Troy High School in Fullerton, California, celebrate a return to first-place status at the National Tournament hosted by Wright State University.



SCIENCE OLYMPIAD ALUMNI NETWORK

Students, coaches, teachers, supervisors, and volunteers are celebrating their connection to Science Olympiad by sharing job opportunities, photos and success stories via social media on Facebook, Twitter, Google+ or LinkedIn. Visit soinc.org/alumni for links or to fill out an Alumni survey.

WHITE HOUSE SCIENCE FAIR

One of former President Barack Obama's signature events was the annual White House Science Fair, an event that honored the achievement of more than 100 of the top STEM competition winners across the US. Science Olympiad champions were invited all six years to this incredible occasion, where team members and their coaches from Division B and C enjoyed the experience of a lifetime.

ELEMENTARY SCIENCE OLYMPIAD

Teachers, parents, and PTA members in Grades K-6 schools can add fun and hands-on excitement to their science curriculum with Elementary Science Olympiad events like a Competitive Tournament or Fun Day/Fun Night. Club Lesson Plans include supply lists and handouts for 15 signature events and are aligned to Next Generation Science Standards (NGSS), Math and English Language Arts Standards. Kits and teacher training coming soon!

URBAN SCHOOLS INITIATIVE

The Science Olympiad Urban Schools Initiative was piloted by the national office in Chicago in 2007 and continues to serve as a model for growth in both urban and rural areas across the US with minority and/or underserved populations. Current locations include Chicago, Philadelphia, Baltimore, South Carolina Lowcountry, Austin, LA County and Washington, DC.

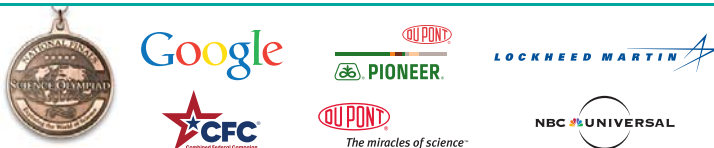
SCIENCE OLYMPIAD 2017-2018 SPONSORS

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.

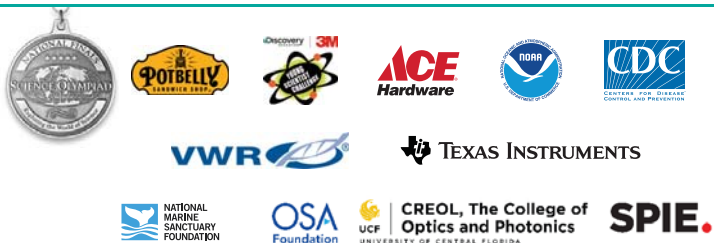
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ONLINE STORE GOES DIGITAL FOR 2018!

Please visit store.soinc.org to view the digital Div. B and C Rules Manuals online for free and to order print and digital versions of CDs, DVDs, Test Packets and other educational materials you can use to prepare for Science Olympiad tournaments and classroom instruction.



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.



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UPCOMING TOURNAMENTS

2018 > *Colorado State University*



2019 > *Cornell University*



2020 > *North Carolina State University*
NC STATE UNIVERSITY



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