OUR MISSION

Science Olympiad is a national non-profit organization dedicated to improving the quality of K-12 science education, increasing student interest in science, creating a technologically literate workforce and providing recognition for outstanding achievement by both students and teachers. These goals are achieved by participating in Science Olympiad tournaments, incorporating Science Olympiad into classroom curriculum and attending professional development workshops. For more information, please visit soinc.org.

For the past 32 years, SCIENCE OLYMPIAD has led a revolution in science education. What began as a grassroots assembly of science teachers is now one of the premier science competitions in the nation, providing rigorous, standards-based challenges to nearly 7,400 teams in 50 states. Science Olympiad’s ever-changing line-up of events in all Science, Technology, Engineering and Mathematics (STEM) disciplines exposes students to practicing scientists and career choices, and energizes classroom teachers with a dynamic content experience.

1 Champs from Solon Middle School in Ohio claim the 2015 Science Olympiad National Tournament Division B trophy. 2 While girls and women are underrepresented in STEM courses and careers, they make up half of all participants in Science Olympiad. 3 Working with a partner to design, prototype and manufacture devices teaches teamwork and collaboration skills needed in today’s competitive workforce.
**2016 EVENTS FOR SCIENCE OLYMPIAD**

**DIVISION B**
**GRADES 6-9**
- Life, Personal & Social Sciences
- Anatomy & Physiology
- Bio-Process Lab
- Disease Detectives
- Green Generation
- Invasive Species

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

- Physical Science & Chemistry
  - Air Trajectory
  - Crave the Wave
  - Wind Power
  - Crime Busters
  - Food Science

- Technology & Engineering
  - Bridge Building
  - Elastic Launched Glider
  - Mission Possible
  - Scrambler

- Inquiry & Nature of Science
  - Bottle Rocket
  - Experimental Design
  - Picture This
  - Write It Do It

**DIVISION C**
**GRADES 9-12**
- Life, Personal & Social Sciences
- Anatomy & Physiology
- Cell Biology
- Disease Detectives
- Green Generation
- Invasive Species

- Earth & Space Science
  - Astronomy
  - Dynamic Planet
  - Fossils
  - GeoLogic Mapping

- Physical Science & Chemistry
  - Air Trajectory
  - It’s About Time
  - Wind Power
  - Chem Lab
  - Forensics
  - Protein Modeling

- Technology & Engineering
  - Bridge Building
  - Electric Vehicle
  - Robot Arm
  - Wright Stuff

- Inquiry & Nature of Science
  - Experimental Design
  - Game On
  - Hydrogeology
  - Write It Do It

For short descriptions of each of the 2016 events, see [soinc.org/short_event_descriptions](http://soinc.org/short_event_descriptions) on the Science Olympiad website.

**DIVISION B**
**GRADES 6-9**

**DIVISION C**
**GRADES 9-12**

Science Olympiad’s Global Ambassador Team from Japan receives a warm Midwestern welcome from 5,000 friends at the University of Nebraska-Lincoln at the 2015 National Tournament.

Competitors wind the elastic motor on their Wright Stuff model aircraft, hoping for the longest time aloft. Trim flights allow teams to collect data and refine their designs to maximize results.

One of Science Olympiad’s most popular events, Mission Possible, tests the creativity and engineering skill of teams that make Rube Goldberg-like devices using energy transfers to complete a task.
SCIENCE OLYMPIAD SPECIAL PROGRAMS

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.

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. The 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 for ESO coming in 2016!

URBAN SCHOOLS INITIATIVE In 2007, Science Olympiad founded its first Urban Schools Initiative (USI) program in Chicago Public Schools, providing registration, mentoring, professional development and resource materials to schools with underserved populations. The USI model is now encouraging students in states like Wisconsin, Indiana, Pennsylvania, Texas, California and South Carolina to get involved with Science Olympiad teams, identify new skills and explore STEM college majors and careers.

WHITE HOUSE SCIENCE FAIR Science Olympiad National Tournament champs from Beckendorff JHS in Katy, Texas were honored along with their coach and principal at the annual event in Washington, DC, on March 23, 2015.

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 | Go for the Gold
The 2016 Science Olympiad National Tournament will be hosted by UNIVERSITY OF WISCONSIN-STOUT, 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
2015-2016 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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Yale Young Global Scholars

Hardware Science
Japan Science and Technology Agency (JST)
Maker Education Initiative
Million Women Mentors (MWM)
Milwaukee School of Engineering (MSOE)

ONLINE STORE

Please visit store.soinc.org to order Rules Manuals, CDs, DVDs, Test Packets and other educational materials you can use to prepare for Science Olympiad tournaments and classroom instruction!

MEMBERSHIP

For 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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Love chemistry or biology? Science Olympiad has partner lab and study events for students who excel in research, data collection and analysis.

Annual traditions like the Science Olympiad Parade of States honor the hard work it takes to make it all the way to the National Tournament.

Everything was Awesome at the National Tournament Opening Ceremony! Scan the QR code to see the video on Science Olympiad TV.