For the past 29 years, Science Olympiad has led a revolution in science education. What began as a grassroots assembly of science teachers is now one of the premiere science competitions in the nation, providing rigorous, standards-based challenges to 6,400 teams in 50 states. Science Olympiad’s ever-changing line-up of events in all STEM disciplines exposes students to practicing scientists and career choices, and energizes classroom teachers with a dynamic content experience.

Schools winning the prestigious Lockheed Martin Spirit Award receive $2,000 for their Science Olympiad program. Students perfect their Helicopter at the 2012 Science Olympiad National Tournament at the University of Central Florida. Engineering events like Elastic Launched Glider require teams to build, test and collect data on their devices. Gold medal winners from the Science Olympiad Regional Tournament at Wright College represent Chicago Public Schools with pride. Science Olympiad’s standards-aligned challenges enhance science curriculum and turn lessons into hands-on learning experiences.

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T: 630.792.1251
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www.soinc.org

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For more information, please visit www.soinc.org.

ONLINE STORE
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MEMBERSHIP
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SCIENCE OLYMPIAD 2012-2013 SPONSORS
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Japan Science and Technology Agency
O’Reilly Media and Maker Education Initiative

OUR MISSION
FALL Start a Team Teachers and students alike say Science Olympiad was the most inspirational and most memorable experience 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.

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 The 2013 Science Olympiad National Tournament will be hosted by Wright State University in Ohio. 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 George Washington University, Indiana University and the University of Delaware.

SUMMER Keep your skills fresh by attending the Science Olympiad Summer Institute, a summer workshop or a Summer Camp hosted by Indiana University or the Science Olympiad Summer Institute, a summer work-

THE BASICS OF SCIENCE OLYMPIAD

DIVISION B (GRADES 6-9)

6,400 TEAMS IN 2012

DIVISION C (GRADES 9-12)

15 MEMBERS ON A TEAM

350 INVITATIONAL, REGIONAL, STATE AND NATIONAL TOURNAMENTS

23 EVENTS IN EACH DIVISION

48 STATE ORGANIZATIONS

DIVISION B GRADES 6-9

- Life, Personal & Social Science
  - Anatomy (Nervous, Digestive)
  - Disease Detectives
  - Environmental Quality
  - Forestry
  - Heredity
  - Water Quality
  - Fresh Water/Estuaries

- Earth & Space Science
  - Dynamic Planet (Glaciers)
  - Meteorology (Everyday Weather)
  - Reach for the Stars
  - Road Scholar
  - Rocks and Minerals

- Physical Science & Chemistry
  - Heat & the Heat
  - Shock Vakes
  - Sounds of Music
  - Crime Busters
  - Food Science

- Technology & Engineering
  - Boomelier
  - Helicopters
  - Mission Possible
  - Mousetrap Vehicle

- Inquiry & Nature of Science
  - Experimental Design
  - Metric Mastery
  - Rotar Egg Drop
  - Write It Do It

DIVISION C GRADES 9-12

- Life, Personal & Social Science
  - Anatomy & Physiology
  - Disease Detectives
  - Environmental Quality
  - Forensics

- Earth & Space Science
  - Dynamic Planet (Glaciers)
  - Meteorology (Everyday Weather)
  - Reach for the Stars
  - Road Scholar
  - Rocks and Minerals

- Physical Science & Chemistry
  - Calorimetry
  - Thermodynamics
  - Chem Lab
  - Periodicity and Equilibrium

- Technology & Engineering
  - Bionics
  - Elastic Launched Glider
  - Gravity Vehicle
  - Robot Arm

2013 EVENTS FOR SCIENCE OLYMPIAD

SCIENCE OLYMPIAD SPECIAL PROGRAMS

Science Olympiad Alumni Network Students, coaches, teachers, supervisors and volunteers are invited to celebrate their connection to Science Olympiad and share their experiences and success via social media and the Alumni Survey. Get back in the game! To connect to the Science Olympiad Alumni Network via Facebook, Twitter, Google+ or LinkedIn please visit www.soisci.org/alumni and click on the icons for more info.

Elementary Science Olympiad Teachers, parents and PTA members in Grades K-6 schools can add fun and excitement to their science curriculum with Elementary Science Olympiad events like a Competitive Tournament or a Fun Day/Fun Night!

Urban Schools Initiative In Hawaii, the Science Olympiad Rural Islands Initiative provides membership, training, materials and long-term support to serving schools. In Texas, the Motorola Foundation funded the development of digital resources, translated materials and training in Deep South Texas, increasing the number of teams with primarily Hispanic populations.

White House Science Fair Science Olympiad champs attended the 2012 White House Science Fair in Washington, DC, where President Barack Obama honored winners from top STEM competitions. In 2011, Centerville High School represented Science Olympiad at this prestigious event.

At the National Tournament, 120 of the top teams from all across the United States compete in challenging events like Bottle Rockets.
SCIENCE OLYMPIAD

SCHOOL YEAR TIMELINE

**FALL Start a Team** Teachers and students alike say Science Olympiad was the most inspirational and most memorable experience 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.

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**SUMMER Keep your skills fresh** by attending the Science Olympiad Summer Institute, a summer workshop or a Summer Camp hosted by Indiana University or North Carolina State University.

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THE BASICS OF SCIENCE OLYMPIAD

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- 350 INVITATIONAL, REGIONAL, STATE AND NATIONAL TOURNAMENTS
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**DIVISION C (GRADES 9-12)**

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2013 EVENTS FOR SCIENCE OLYMPIAD

**DIVISION B (GRADES 6-9)**

- Physical Science & Chemistry
- Life, Personal & Social Science
- Earth & Space Science

**DIVISION C (GRADES 9-12)**

- Physical Science & Chemistry
- Life, Personal & Social Science
- Earth & Space Science

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Science Olympiad's multi-discipline approach allows students to show their skills in chemistry, physics, astronomy, epidemiology and problem solving.
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THE NATION’S MOST EXCITING K-12 SCIENCE COMPETITION

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INVESTING IN COMMUNITIES

O'Reilly Media and Maker Education Initiative

THE PARADE OF STATES is a highlight of the National Tournament Opening Ceremony. Teams that travel furthest (like Hawaii) get the loudest cheers.

Students perfect their Helicopter at the 2012 Science Olympiad National Tournament at the University of Central Florida

Engineering events like Elastic Launched Glider require teams to build, test and collect data on their devices.

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Science Olympiad's standards-aligned challenges enhance science curriculum and turn lessons into hands-on learning experiences.

SCAN THE QR CODE above to see the video “Science Olympiad is Awesome” by David Nevala featuring highlights from the 2011 National Tournament.

THE NATION’S MOST EXCITING K-12 SCIENCE COMPETITION

1
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