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ABOUT THIS MANUAL
Organizing a Competitive Tournament
Many states have Elementary Science Olympiad tournaments, inviting hundreds of schools and thousands of students to compete. But what happens if your state does not have a competitive Elementary Science Olympiad tournament? You can start one! Maybe you want to do something within your school district or maybe you want to include schools outside of your school district. Anyway you see it, these guidelines will help. The following pages are full of suggestions and sample forms, but keep in mind that your tournament may look very different than anything we’ve described in these pages and at the elementary level, that is just fine. Also, the Science Olympiad website is a wealth of information that you should check out. Much of the information in this Guide can be found on the website, in addition to much, much more information.
OVERVIEW OF SCIENCE OLYMPIAD

The Theoretical Background of Science Olympiad

Science Olympiad Events take advantage of the natural curiosity of each child, and allow for in-depth hands-on experiences. These programs are designed to utilize ordinary classroom and household supplies and materials, so your ESO Event won’t break the bank!

The team format of Science Olympiad aligns with educational research which shows that working with a team, practicing toward an objective, improving skills through competition, and making learning exciting through motivational activities are essential ingredients in attaining academic excellence.

In an article titled, “Talent Development vs. Schooling,” Dr. Benjamin Bloom described the process by which competition plays a major role in the success of a participant: “In each talent field there are frequent Events (recitals, contests, concerts) in which the child’s special capabilities are displayed publicly, and there are significant rewards and approval for meritorious accomplishments.”

Competitions bring students into direct contact with one another and provide opportunities to exchange experiences and get to know outstanding peer and adult models of talent. As researcher Calvin W. Taylor of the University of Utah concluded, “Extra-curricular training experiences and accomplishments do show noticeable predictive power of later adult performance, achievement, and accomplishments.” The Educational Testing Service, publisher of the SAT college entrance exam, has observed that “productive follow-through” defined as “persistent and successful extra-curricular accomplishment” was the strongest predictor of leadership and significant independent accomplishment and clearly useful in predicting most overall college success.

Lastly, we should all keep in mind the words of Bill Koch, who in 1976 was the first American to win an Olympic medal in a Nordic skiing Event, “Winning isn’t everything. The striving for excellence is - it’s the trying and the caring that is important - winning is a bonus.”

– Bill Koch, 1976 Olympic Silver Medalist, Cross Country Skiing
Divisions Of Science Olympiad

Divisions A, B & C
Science Olympiad is categorized into three divisions:

**Elementary School - Division A**
Division A (grades K-6) is the perfect complement to any K-6 science program. Support your normal classroom routine with an all-building Science Olympiad Fun Day, or bring in experts and parent volunteers to run a Science Olympiad Fun Night. Many of our Events have accompanying kits that can be purchased to complement the activities through Ward’s Science. These materials offer hands-on, inquiry-based activities to help students develop their understanding of STEM concepts. Elementary Science Olympiad (ESO) also features competitive opportunities for educators and parent leaders who are working with young children. It is these competitive opportunities that are going to be described in more detail in this document.

Elementary Science Olympiad looks different in different places, but there is one unifying idea: kids learn science by doing science! Our hands-on, inquiry-based activities (or as we like to call them, Events) challenge students in grades K-6 to build their own understanding of basic scientific concepts, like measurement, force, engineering design, and energy.

**Middle & High School - Divisions B & C**
Middle School (grades 6-9), Division B and and High School (grades 9-12), Division C Science Olympiad uniquely offer 23 standards-aligned competitive Events divided across the areas of Biology, Earth & Space Science, Physics & Chemistry, Engineering & Technology, and Problem Solving & Inquiry. A team of a maximum of 15 students work to blend their interests and skill sets together to participate in 23 competitive Events in a given tournament, with many students participating in more than one competitive Event. Pairs of students face off against other teams to determine who takes home medals and trophies for both the individual Events and the overall team score.

Middle School and High School competitions are based on the parameters outlined in the Division B and the Division C Rules Manuals that are updated and distributed each fall. There is some overlap of Events between Divisions B and C, with some modifications. Teams use the Rules Manuals to guide their learning and preparation, and Event Supervisors use the rules to design the competition tests or tasks for tournaments. Some school districts have close relationships between their Division B and C teams, with Division B serving as a feeder program into Division C teams and/or providing a peer mentoring system between older and younger students. *Note: This manual will not cover coaching skills for Divisions B & C.*

*Ward’s Science is the official kit and materials partner for all three Science Olympiad divisions. You can visit the Ward’s Science Olympiad page here: wardsci.com/cms/custom_kits_science_olympiad.*

The terms Division A, Elementary Science Olympiad and ESO will be used interchangeably throughout this document.
Science Olympiad Organizational Structure
Science Olympiad is composed of three main elements: the National Office, State Chapters, and School Teams. This structure creates a consistent experience for students, while encouraging flexibility at the state and team levels.

National Office
Science Olympiad, Inc. is a 501c(3) non-profit organization based in Oakbrook Terrace, IL, just outside of Chicago. The organization is led by our Board of Directors and Advisory Board who guide and support the work of the Science Olympiad National Office staff members. In partnership with the National Event Supervisors (volunteers who are top professionals and educators in their fields), the National Office creates and disseminates the Rules Manual for Division B & C each year, which includes all guidelines for the 46 competition Events that are run at tournaments across the country. The National Office also selects the host college or university and runs the annual National Tournament. Lastly, the National Office staff creates and offers workshops, resources, program development, and outreach for the Science Olympiad community.

State Chapters
Each state and the District of Columbia has a State Director who is responsible for bringing Science Olympiad to their state. While every State Chapter is unique, the functions of a State Chapter typically include recruiting and supporting teams, collecting and managing membership fees, running professional development, and running tournaments. Not every state has an Elementary Science Olympiad program. Check your state’s Science Olympiad website to see if they have an elementary program.

School Teams
School teams are the heart of Science Olympiad. Run by a designated head coach (who we suggest should be a school staff or faculty member), school teams include students, parents, and volunteers from any public, parochial, charter, private, or homeschool collective. Teams work throughout the competition season to learn, build, and practice for tournaments.

Why Elementary Science Olympiad Works!
When children are exposed to STEM at an early age, they become better problem solvers and thinkers. The Events in Elementary Science Olympiad not only allow students to explore a wide range of STEM topics, but also to practice different skills such as communication, collaboration, team working and perseverance along with analytical, reasoning and problem-solving skills. Our STEM Events allow students to gain a better understanding of how and why things work by participating in hands-on Events. In addition, when students are introduced to science vocabulary at an early age, it helps boost their verbal skills as well as their science knowledge.

Children are naturally curious and inquisitive at a young age and Elementary Science Olympiad Events help feed that curiosity with hands-on activities that allow students to explore the world around them. Our Events encourage students to explore topics while using previous knowledge to “try and try again”. This ability to persist when faced with failure makes it easier for children to face adversity later in life.
For those students whose STEM interest is captured by Elementary Science Olympiad, or Division A, they can continue their exploration with Middle School, Division B, and High School, Division C, programs with a leg up. The Events that students are using in Division A are getting them ready for Divisions B & C. For instance, when an elementary student works with plastic straws and masking tape to build a tower for Straw Towers that will hold a tennis ball for 3 seconds without falling over, they are learning the skills and knowledge that will help them with Towers, an Event that uses balsa wood in Divisions B & C. Additionally, the skills that an elementary student uses to keep an ice cube from melting in Save the Ice is preparing them for Thermodynamics while they are in middle school and high school. And all three Divisions do many of the exact same Events, including Rocks & Minerals!

Types of Events
Much like any classroom activity, there are two ways to think about, and discuss, Elementary Science Olympiad Events. You can either examine them from the perspective of the task that the students are being asked to complete or the content that they are expected to learn, understand, and apply. In most cases, thinking about the Events from the perspective of the tasks makes things easier. This is because there are only three different tasks that Elementary Science Olympiad students are asked to do while those tasks are drawn from four broad topic areas: Biology & Chemistry, Data & Numbers, Earth & Space, and Physics & Engineering.

The Science Olympiad Events are classified into the following three tasks:

**Build Events** require students to design and construct a device to complete a specific task. The exact nature of the device, any design considerations, and the testing conditions are spelled out in the Rules Manual. Students design, build and test their devices ahead of the tournament in preparation for building and running their device at the Tournament. The device, construction parameters, or testing parameters change from year to year, introducing new elements and new challenges.

**Core Knowledge Events** test students on their knowledge of a topic within a content area (i.e. the digestive system for Anatomy & Physiology). Students spend the Science Olympiad practice season researching and learning about these topics with the goal of mastering as much material as they can. At the tournament, two students from each team will answer a series of questions about that topic in 50 minutes, with the help of notes in some cases. The questions and exact format of the Event are determined by that Event’s Event Supervisor who uses the Rules Manual as a guide to create the test for the Event. Tests may take the form of a written paper and pencil test or computer-based exam, may be questions at a series of stations that teams rotate through, or may be a combination of both. Core Knowledge Events require students to recall information, identify patterns, and apply other fundamental skills.

**Laboratory Events** ask students to complete a laboratory experiment or data analysis task with given materials. For example, in the case of Experimental Design, students need to determine and design the experiment based on the materials provided and the question asked by the Event Supervisor. As
with the Core Knowledge Events, the specifics of the Event that guide both the students and Event Supervisor are explained in the Rules Manual. The exact experiment or materials students are expected to use change from year to year.

In addition to the above three tasks, the rules that the National Office has written include an Event type called Wild Card:

**Wild Card Events** allow the Tournament to feature content that is important but duplicates one of the Event types. For example, Physics & Engineering can include two Build Events, Operation Egg Drop and Straw Towers. This is because while both are Build Events relevant to Physics, the underlying questions that the students have to address are different.

The alignment between Event type and Event Content for your students will largely depend upon how you choose to use Elementary Science Olympiad in your school or district.
TOURNAMENT BASICS

Tournament Director
The first thing that needs to be done is to pick a Tournament Director. The Tournament Director, with the assistance of many committee members, controls many variables of the tournament. They choose the events while keeping the purposes of the Elementary Science Olympiad (ESO) in mind. ESO requires content, process and application events and a balance between the areas of biology, engineering, chemistry, physics, technology and earth science. The Tournament Director needs to ensure that the tournament facility, and the number of open areas for large events, is reflective of the events. The Tournament Director is ultimately responsible for everything.

Tournament Rules
The Science Olympiad National Office has written sixteen events for your use when you are creating a competitive tournament that does not already have rules. In our materials, these sixteen events come from each of four topic areas (e.g., Biology & Chemistry, Data & Numbers, Earth & Space, and Physics & Engineering) and are represented by four events each. These events are distributed across three event types (Build, Core Knowledge, and Lab) so that students will get to experience at least one of each event type per topic. Plus each topic area has a “Wild Card” event which allows the tournament to feature content that is important but duplicates one of the event types.

The rules for the sixteen competitive events from the National Office for the Elementary Science Olympiad are the same for all of the tournaments conducted during the school year. More than half of the events are the same every year (with a few modifications), and the rest are either returning events or brand new. This rotating pattern of events ensures that Elementary Science Olympiad remains up-to-date and standards-aligned within the science, technology, engineering, and mathematics (STEM) fields.

For competitive tournaments supported by a Science Olympiad State Chapter, the number of events and the distribution of event type across the various topics will be determined by the State Organization. Contact your State Director for more information: https://www.soinc.org/join/state-websites

Team Size
Research shows that collaborative problem solving leads to better outcomes. Individuals have their own sets of skills and strengths and when everyone works together, the entire team has the opportunity to learn. In addition, working together allows us to learn from one another’s mistakes. Elementary Science Olympiad works on this teamwork premise and requires that all students have a partner when entering an event competition.

In regards to ESO, teams of sixteen students are the preferred number when using the rules and events from the National Office. What we have found is that when sixteen students work on sixteen different events, it gives each student the opportunity to participate in two events, with two different partners. In our model, students will have the opportunity to become experts in two different events. This model allows students to rely on one another to help them get the work done and yet learn something that is new, while motivating and inspiring them to do their best work.
Alternates At the higher levels of Science Olympiad, teams will sometimes designate extra team members to be part of the team in case someone gets sick or has a conflict at the last minute. This practice often does not make sense for Elementary Science Olympiad as the events and tournaments lend themselves to adding students to the team at the last minute, only if someone is unable to make it to the tournament. Participants at this age tend to get frustrated if they are assigned as “alternates” all season, doing the work and not getting to participate on the day of the tournament. However, you know your students well enough to know if alternates would work for your team.
BEFORE THE TOURNAMENT

Many Volunteers are Needed

An Elementary Science Olympiad tournament is a major undertaking. It will require the help, assistance, and cooperation of many individuals to provide a quality program. At least one representative of the host institution is needed to coordinate plans and facilities. It’s important to include sponsor and site representatives to help with awards and judging.

Most importantly, you need to find Judges and Event Supervisors for each Elementary Science Olympiad event. You must also find ways to finance the competition. Since most of the work is “donated” by teachers, parents, and other volunteers, many of your costs are minimal. All students that participate in the competition should be presented with a certificate of participation and all students who have placed in an event should receive recognition by being awarded medals and team trophies.

The personnel needed to conduct the tournament events includes many volunteers to help plan the tournament as well as run the tournament. Volunteers are needed with all levels of knowledge about your tournament. Some would need to be familiar with all phases of the tournament and be available during the activity to “jump into any roles” that open on the day of competition and others can just walk into the tournament for the first time and be given a simple role. Some of these individuals need to have professional knowledge, and others need specific qualifications. The Event Supervisors Coordinator and the Volunteer Coordinator will work together to coordinate these personnel.

Because running an Elementary Science Olympiad requires many people and resources, recruit help from every place you can think of: place notices in the school newsletter, local newspaper, local TV station and don’t forget to use social media. Also, don’t forget the adults from your participating teams. In most Science Olympiad tournaments (at all levels), each team agrees to provide the personnel for one Event. Some tournaments’ manpower is obtained solely by this method. There are also Professional and Service Organizations: e.g., the State Medical Society for Anatomy, the Engineering Society (Bridge and Tower building, Flight events), Earth Science Teachers Association (Rocks and Fossils), local business and industry, and finally, Middle School, High School and College Students.

Events can have sponsorship from local service clubs, parent groups, school boards or regional school districts. Additionally, most tournaments charge a fee to participate in their tournament. This fee can be used to pay any rental and custodian fees to use the building, provide medals and trophies to participants and buy materials necessary to run the events.

Seek help with judging, organizing and publicity from your community. A successful Elementary Science Olympiad is good public relations for any school and good PR for the whole town. Also, encourage those who volunteer to wear something identifying them with the group they represent, or all Event Supervisors could wear a common Elementary Science Olympiad officials’ t-shirt, hat or badge.
Fill All of Your Committee Positions
The bigger your tournament the more volunteers you will need, to an extent. No matter if your tournament is big or small, you are still going to need to have all of the following positions filled (and possibly many more). However, for small tournaments, some of these positions can be combined. (The following list is in alphabetical order with Task Descriptions.)

Appeal Committee
Made up of an odd number of unbiased individuals knowledgeable about Elementary Science Olympiad goals and rules who arbitrate objections and challenges which have been submitted in writing on a prepared form.

Awards Ceremony Coordinator
- Oversees the Awards Ceremony
- Orders the Individual medals and trophies in addition to the Team medals and trophies [https://www.soinc.org/medals-and-trophies](https://www.soinc.org/medals-and-trophies)
- Orders a plaque for the winner of the Spirit Award
- Invites (with approval of the Board) people to present the awards
  - Include any sponsors and Board Members
- Organizes the stage or platform where the ceremony will take place
- Coordinates seating arrangements so that teams can all sit together with their coaches and parents
- Orders a microphone and podium, if necessary
- Arranges for the National Anthem to be sung

Coaches Coordinator
- Serves as a liaison with all of the Elementary Science Olympiad coaches
- Prepares the emails to all of the Elementary Science Olympiad coaches or schools as soon as the new membership forms and tentative calendar of events is available
- Works with the Event Supervisor Coordinator to present rules clarification materials
- Works with the Site Coordinator to communicate food, team rooms and other site requirements to the attending teams
- Prepares emails to communicate registration, personnel and other team informational materials and requirements
- Schedules coaches meeting prior to the tournament
- Communicates regularly with the tournament Director, Site Coordinator, and Executive Board

Executive Board
An Executive Board can help the tournament Director recruit volunteers for all of the positions needed to run the tournament. In addition, all high level decisions can be made with the help of this Board.

The Executive Board could have the following positions on it:
- Tournament Director
- Secretary
• Treasurer
• Any additional positions as deemed necessary by your Board

**Event Supervisor**
• Responsible for conducting the event according to the current Elementary Science Olympiad Rules exactly as printed in the current Rules Manual. Do not assume that they are the same as last year. Read them carefully.
• Brings or obtains all material and questions necessary to conduct the event
  - Be certain to avoid duplication of questions or specimens if you have run this event at other locations.
• Answers questions. Don’t give specific answers that would give any team an unfair advantage
• Encourages and challenges students in a professional and friendly manner
• Completes the scoring sheet and winners card and return them to Elementary Science Olympiad Headquarters with all student papers and calculations used to figure final scores
• Leaves a set of questions and an answer key with your scores at the end of the tournament
• Plans to remain at Headquarters after your scores have been turned in to answer questions of staff entering scores and the Appeal Committee. Every effort must be made to eliminate ties
• Attends any Coaches’ Meeting before the tournament
  - Very important so you understand any questions that are asked
• Fills out and returns the Event Supervisor Confirmation Form and Duties

**Event Supervisors’ Coordinator**
• Oversees the Event Supervisors
• Ensures that all events have an Event Supervisor
• Contacts all previous Event Supervisors for commitment for the current year’s tournament
• Recruits new Event Supervisors, if needed
• Provides Event Supervisors with event rules and event clarification information
• Serves as a liaison with Event Supervisors and prepares informational emails, etc
• Communicates with the Facilities Coordinator concerning Event Supervisor needs and timing
• Arranges with the tournament Director or Site Director for “Appreciation Certificates” for Event Supervisors
• Reports regularly to the tournament Director, Site Coordinator and Executive Board
• Sends out and collects the Event Supervisor Confirmation Form and Duties

**Event Volunteers**
• Each event has different needs when it comes to judging. Here is a possible list that can be needed:
  - Judges
  - Scorekeepers
  - Timekeepers
  - Proctors
  - Graders
Facilities Coordinator
- Works with the Site Coordinator to reserve needed rooms, outside spaces and equipment
  - Reserve alternate space in case of inclement weather
- Communicates with the Scheduling Director concerning available spaces for each event
- Communicates with the Event Supervisor’s Coordinator concerning Event Supervisor needs
- Communicates with the Coach’s Coordinator concerning team rooms or meeting sites
- Secures approval for teams to eat in their meeting rooms
- Contacts security and secures copies of needed floor plans
- Secures communication equipment
- Secures waivers, where appropriate
- Walks through the facilities including gyms, lunch rooms and outdoor areas with the Site Coordinator to ensure event requirements can be accommodated
- Troubleshoots and checks on damage/litter during the tournament
- Communicates regularly with the tournament Director, Site Coordinator and Executive Board

First Aid
Invariably someone will need a band-aid, an ice pack, or somewhere to lay down. Make sure your First Aid space has everything you will need. (If possible, access to the Nurse’s Office would be best.)

Lunches & Hospitality Coordinator
If your schedule includes lunch, lunch choices as well as other food for the Hospitality Room, needs to be purchased, laid out, refreshed and cleaned up. If you are offering lunches to your Teams, this coordinator should oversee the ordering and distribution of the lunches.

Past Director(s) and/or Co-director(s)
- Acts as a resource person to the tournament Director and/or Site Coordinator
- Acts as a resource person for scheduling and tournament preparations
- Assists with problem solving at the tournament
- Assists with Appeals and Score Counseling
- Assists with the Awards Ceremony

Photographer
A photographer can capture participants in every stage of the competition. Pictures of students impounding their vehicles, competing against one another, receiving awards and even down time, such as eating lunch, are wonderful pictures that can be used to create excitement for next year’s tournament. Make sure all pictures are shared with the Social Media Coordinator.

Printing Coordinator
Prepares:
- Welcome Banner
- Signs
• Name tags and badges
• Program
• Letters
• Certificates
• Thank yous
• Map of building
• Copy of the Event Rules for the Event Supervisors and other volunteers for each Event

Public Relations Coordinator
• Communicates with all Executive Board members, coordinators and directors to keep updated on items for news releases
• Prepares a press contact list for news releases
• Controls and posts to all social media
• Communicates regularly with the Tournament Director and the Site Coordinator

Registration Coordinator
• Prepares registration packets
• Arranges registration
• Morning welcome
• Orientation for Participants, Coaches, Event Supervisors, volunteer officials and others

Runners
Believe it or not, these volunteers will become some of the most important people on the day of the tournament. There are going to be things you have forgotten about, people that cannot be reached on their phones via call or texting, Score Sheets that need to be turned in and much, much more. Your Runners need to have a good understanding of the building and where specific events are located.

Scheduling Director
• Prepares a master tournament schedule
• Prepares self-schedule forms and/or walk-in forms for events
• Communicates with the Facility’s Coordinator concerning event needs and timing
• Communicates with the Event Supervisor’s Coordinator concerning timing of events
• Communicates with each team’s coach concerning assigning the team to events
• Communicates regularly with the tournament Director, Site Coordinator, and Executive Board

Scoring Team
• Designs the score sheets
• Receives and verifies the scores
• Tabulates the scores
• Prepares the team ranking
• Prints the score sheets
• May announce winners at the Awards Ceremony
Secretary
- Keeps accurate records for all Elementary Science Olympiad meetings
- Sends copies of minutes to all board Members as soon as possible after each meeting
- Acts as a support person to the Executive Board
- Communicates with the Tournament Director prior to each board meeting

Site Coordinator
- Coordinates the tournament preparation at the tournament site
- Works with the Tournament Director to ensure the major tasks are completed
- Coordinates the food for the tournament
- Works with the Facilities Coordinator to prepare needed rooms and equipment (such as lab glassware)
- Works with the Tournament Director to coordinate the tournament activities
- Works with the Executive Board personnel to assist with their assigned tasks
- Signs are needed for the day of the tournament
  - Parking
  - Room assignments for teams
  - Elementary Science Olympiad individual events
  - Reserved seating, if necessary
  - Hospitality
  - Registration
  - Information
  - Headquarters
  - Appeals
  - Purchased lunches
  - Opening Meetings
  - Awards Ceremony
  - First Aid
  - Appeals
  - Impound Areas

Social Media Coordinator
Social Media has become more and more important in terms of creating excitement around tournaments. Parents, siblings, grandparents and even Elementary Science Olympiad team members who were not able to attend will appreciate pictures and posts during the tournament. Additionally, posts can be used all year round to keep schools involved in the tournament process. Work together with the Photographer to get great pictures.
- Create a website for your tournament:
  - FAQs
  - Directions to the tournament
  - Copies of all forms that have been sent out so Coaches can download them if they have been misplaced
  - Information about parking for cars, buses, and where buses can drop off their passengers
Spirit Award Committee
The Elementary Science Olympiad Spirit Award is among the highest honors given to teams and recognizes students and coaches that have a positive attitude, exemplify teamwork, have respect for the rules and their fellow competitors, and exhibit sportsmanlike conduct. This award should be given out during the Awards Ceremony, if you are having one. A great way to pick your Spirit Award winner is to include a ballot in all of the volunteers packets as well as all of the Coaches, asking everyone to vote for one team.

Tournament Director
• Selects tournament site
• Sends letters of invitation for the tournament
• Sends out all Registration Forms to the Coaches
  - If offering lunches, provide that form, as well
• Oversees Orientation Meetings on the day of the tournament
• Recruits many of the volunteers
• Prepares a program to be printed
• Oversees all Elementary Science Olympiad functions
• Provides leadership for all committees
• Oversees all budget planning and expenditures
• Represents Elementary Science Olympiad at all public relations endeavors
• Develops an agenda for all regular meetings
• Serves as the chairperson for the tournament Committee
• Validates the membership of each team that registers for the tournament
• Sends thank you notes to:
  - Each of the volunteers
  - Host Institution administrators
  - The custodians
  - The Coaches and their teams
• Collects Evaluation forms, summarizing the information for next year’s tournament
• Schedules meeting to critique and evaluate the tournament

Treasurer
• Keeps accurate records of all Steering Committee expenditures
• Provides an updated financial report at each meeting
• Acts as a support person to the Steering Committee
• Communicates with the Tournament Director prior to each board meeting
• Establishes a committee to solicit funds from corporate, public or private sponsors
• Introduces any tournament fees proposals to the Executive Board for approval
• Communicates with the Executive Board regarding the yearly budget
• Communicates with the Public Relations Coordinator to publicize funding sources
• Communicates regularly with the tournament Director and Executive Board
Volunteers Coordinator

- Contacts various groups of potential resource persons for support
- Keeps file of previous volunteers
- Contacts Event Supervisor Coordinator and Site Coordinator for volunteer needs
- Determines volunteers’ area of preference
- Communicates with the Event Supervisor Coordinator and Coaches Coordinator to determine how many volunteers will be needed and obtains information forms for these volunteers
- Assigns volunteers for each Elementary Science Olympiad event as well as where needed
- Communications volunteer assignments to volunteers, Event Supervisors and Site Coordinator
- Arranges with the tournament Director and/or Site Coordinator for “Appreciation Certificates” to be printed for the volunteers
- Oversees volunteer training

Volunteer Training

It’s a simple fact: Elementary Science Olympiad would not exist without volunteers! Elementary Science Olympiad has always benefitted from a virtual army of dedicated, passionate and creative educators, parents, administrators and corporate mentors who write the content, run tournaments, perform professional development and generally make Elementary Science Olympiad work.

While each team has a school employee or teacher as their 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. Remember to follow all guidelines set out by the school, district or administration in order to volunteer with any extracurricular activity.

In addition to guidelines and any background checks that your district requires, we encourage all Tournament Directors to require the following prior to the tournament:

- Volunteer Training video for all volunteers, at all levels: https://www.soinc.org/training/volunteer-training

More information about Volunteers can be found on the Science Olympiad website: https://www.soinc.org/participants/volunteers

Note: Individuals generally enjoy their assignments provided they do not interfere with having some time to observe the tournament or their specific team in competition, and provided they understand the job.
TEAM REGISTRATIONS

Team Registration and Formation

• Set a tournament date as soon as you can. School teams need plenty of time to start organizing any travel that they will need to do and fundraising to support their efforts.
• Set a registration date. Contact your state chapter and submit any state fee. Additionally, ask your State Director if your tournament can be listed, and advertised, on their website.
• If you are going to host a district, county or regional Elementary Science Olympiad tournament, all school teams should register at least 30 days before the event. The school name, a roster of the students on the team and the name of the teacher/coach must be provided. It is not necessary to name the students who will compete in each event.
• Although a coach is allowed to make substitutions to the registration roster, this should be kept to a minimum since name badges and other registration materials will be prepared based on these lists. However, under no circumstances may the team roster be changed following registration on the day of the Elementary Science Olympiad tournament.
• Teams should be given a team number upon registration and it’s easiest to number them according to when their registration forms came in. For instance, the first form that is received will be Team 1 and the second form will be Team 2. The use of team numbers helps with volunteers and Event Supervisors as well as participants in that school names don’t always need to be remembered.

Rules Governing Team Formation

Elementary Science Olympiad requires all participants in Elementary Science Olympiad competitions to participate as members of a team, not as individuals. And while there are many different arrangements of students within elementary buildings in the United States, we suggest that teams be composed of students in grades 3, 4 & 5 or 3, 4, 5 & 6 if the school still maintains 6th grade as an elementary grade in its elementary building.

Policy

The following policy provides guidelines that are to be used with all schooling options and in all states. Primary enrollment at a school will be determined by what school holds the student’s records and matriculates the student (a general definition of primary enrollment), and a student may only be primarily enrolled at a single school. (For more information, please see the website: https://www.soinc.org/team-qualification-and-home-school-policy.) Whether the student attends a public school, private school, charter school, homeschool, or cyber/virtual school they are eligible to participate on an Elementary Science Olympiad team.

Outside of whatever rules that your school or district may have in place concerning participation in extracurricular activities, Elementary Science Olympiad only requires that:
• teams can be of any size
• participants can only be on one team throughout the Elementary Science Olympiad season.
While generally students who form a team are expected to all be from the same school, as Elementary Science Olympiad has a strict prohibition against forming All-Star teams by actively recruiting students from across a wide variety of schools, there are a few cases where a team may be composed of students from different schools. A common example of this can occur with cyber/virtual school or homeschool students. The options available to them are as follows:

**Virtual School Students**
- **Participation through a Local Public School:** If the state in which a cyber/virtual school student resides allows cyber/virtual school students to participate in local public school activities, cyber/virtual school students join the Elementary Science Olympiad team of the local school he or she would otherwise attend if he or she wasn’t enrolled in the cyber/virtual school, or, (2) form a team of cyber/virtual school students who otherwise would be attending the same local school. In either case, a given student may only participate on a single team in a particular Elementary Science Olympiad season.
- **Participation solely through a State-Recognized Cyber or Virtual School:** If the state in which a cyber/virtual school student resides recognizes and financially supports cyber/virtual schools, Elementary Science Olympiad will also recognize cyber/virtual school teams consisting only of students who are enrolled at that cyber/virtual school. Such schools may not solicit or enlist public school, private school or homeschool students on their teams.

**Homeschooled Students**
- **Participation through a Local Public School:** If the state in which a homeschooled student resides allows homeschooled students to participate in public school activities, homeschooled students may choose to participate as a member of the Elementary Science Olympiad team at the local public school they would attend were they not homeschooled.
- **Participation through a Homeschool Team:** If the state in which you reside does not allow homeschooled students to participate in public school activities then a Homeschool Team may be created. This team can only consist of homeschooled students who live within the boundaries of two contiguous, side-by-side, geographic counties in a single state.

**Purchase Materials Needed For The Tournament**
The events that you choose for your tournament will help drive the materials that you need to gather. For instance, will participants bring pre-made Build Event devices with them on the day of the tournament or will they be building with materials that you provide? If you have a Chemistry Event you will need to purchase the materials needed, as well as any lab equipment that the school cannot provide you.

In addition to materials for the actual events, you may need to rent A.V. equipment for the Awards Ceremony, chairs for the participants and volunteers or even risers if the school does not have a stage. The Awards Ceremony is the culmination of all of your hard work but also the hard work of the participants. You want to be sure that everyone can hear and see during the ceremony.

As an additional fundraiser, depending on the size of your tournament, you may want to sell t-shirts, sweatshirts, etc. with your tournament name and logo.
**Medals and Trophies**
*Science Olympiad does not permit orders of single/individual/extra medals and trophies by coaches/parents.* To order official Science Olympiad medals and trophies, and for more information, please go to: [https://www.soinc.org/medals-and-trophies](https://www.soinc.org/medals-and-trophies)

**Pledges for Tournament Participants**
One way to handle the pledges is to have the Participants, coaches, parents, Event Supervisors, etc. read, and agree to, the pledges verbally before the tournament begins. These pledges can be emailed out to participating teams.

**General Rules, Code of Ethics and Spirit of the Problem**

The goal of competition is to give one’s best effort while displaying honesty, integrity, and good sportsmanship. Everyone is expected to display courtesy and respect (see Science Olympiad Pledges below). Teams are expected to make an honest effort to follow the rules and the spirit of the problem (not interpret the rules so they have an unfair advantage). Failure by a participant, coach, or guest to abide by these codes, accepted safety procedures, or rules below, may result in an assessment of penalty points or, in rare cases, disqualification by the tournament director from the event, the tournament, or future tournaments.

1. Actions and items (e.g., tools, notes, resources, supplies, electronics, etc.) are permitted, unless they are explicitly excluded in the rules, are unsafe, or violate the spirit of the problem.
2. While competing in an event, participants may not leave without the event supervisor’s approval and must not receive any external assistance. All electronic devices capable of external communication as well as calculator applications on multipurpose devices (e.g. laptop, phone, tablet) are not permitted unless expressly permitted in the event rule or by an event supervisor. Cell phones, if not permitted, must be turned off. At the discretion of the event supervisor, participants may be required to place their cell phones in a designated location.
3. Participants, coaches and other adults are responsible for ensuring that any applicable school or Science Olympiad policy, law or regulation is not broken. All Science Olympiad content (e.g., policies, requirements, clarifications, FAQs, etc. on soinc.org) must be treated as if it were included in the printed rules.
4. All pre-built devices presented for judging must be constructed, impounded, and operated by one or more of the 15 current team members unless stated otherwise in the rules. If a device has been removed from the event area, appeals related to that device will not be considered.
5. Officials are encouraged to apply the least restrictive penalty for rules infractions (see examples in the Scoring Guidelines). Event supervisors must provide prompt notification of any penalty, disqualification or tier ranking.
6. State and regional tournament directors must notify teams of any site-dependent rule or other rule modification with as much notice as possible, ideally at least 30 days prior to the tournament.
SCIENCE OLYMPIAD PLEDGES
Code of Conduct Letter from the CEO - all participants should review and can see more about Science Olympiad expectations across the program on our Volunteers page

STUDENT’S PLEDGE
I pledge to put forth my best effort in the Science Olympiad tournament and to uphold the principles of honest competition. In my events, I will compete with integrity, respect, and sportsmanship towards my fellow competitors. I will display courtesy towards Event Supervisors and Tournament Personnel. My actions will exemplify the proud spirit of my school, team, and state.

COACH’S PLEDGE
On behalf of the coaches and assistants at this tournament, I pledge to encourage honesty and respect for tournament personnel, our fellow coaches, and other team members. We want our efforts to bring honor to our community and school.

PARENT’S PLEDGE
On behalf of the parents and spectators I pledge to be an example for our children by:

- respecting the rules of Science Olympiad,
- encouraging excellence in preparation and investigation,
- supporting independence in design and production of all competition devices,
- and respecting the decisions of event supervisors and judges.

Our examples will promote the spirit of cooperation within and among all our participating teams.

EVENT SUPERVISOR’S PLEDGE
On behalf of my fellow supervisors and tournament personnel, I pledge to run my event with fairness and respect for the participants and their coaches. Our actions will reflect the principles of the Science Olympiad program and display the pride we feel as representatives of our colleges, universities, companies, states or organizations.

Organize Competition Spaces
Each event has its own challenges and will need its own specific competitive space. For instance, Egg Drop needs to be done in the stair tower of a building or from a balcony to allow the device to fall and allow any parachute-type equipment to be deployed. An event that requires participants to build a flying machine will need not only high ceilings but also a large amount of space such as a lunchroom or gym. Core Knowledge Events usually take place in classrooms with desks or tables and chairs but if a Lab is required, a science classroom, if available, is ideal. While identifying competition spaces, keep in mind that elementary children need to be kept in close proximity to everything which means that using multiple buildings for your competition is probably not a great idea. If all of your competition spaces can be under one roof, that is ideal, as students will be traveling to their competitions oftentimes by themselves.
DAY OF THE TOURNAMENT

Room Designations
There are many different physical spaces that need to be secured to run a tournament. These spaces should be decided, and marked, before the competition.

Registration
• The registration site should be placed right inside the main entrance of the building, if possible. This area can then easily be converted and used throughout the tournament as an information center or First Aid station. Registration is an ideal opportunity to highlight Elementary Science Olympiad sponsors.
• There should be a check-in area for each of the following groups: Coaches, Event Supervisors, other tournament officials, and volunteers. At each check-in area have the Registration Envelope of materials needed for each group, any extra items such as badges, shirts, or stopwatches.
• Be prepared for the registration demand to be high before the announced time. It is a good idea to have plenty of space between the separate check-in areas for those waiting in line. A team of people with identified tasks may speed up check-in. One person may be handing out envelopes while another checks off the registering individuals from the master list.
  - What is in the welcome envelope?
    □ Name tags for Participants and Coaches
    □ Team Room assignment
    □ Lunch tickets, if team purchased lunches from the tournament
    □ Maps of the school with Event Rooms highlighted
    □ End of tournament Feedback forms
      ° Encourage teams to fill these out after ALL of the events are over.
        There will be a lull between the last competition and the Awards Ceremony. It’s the perfect opportunity to fill out the forms. Make sure to give specific directions where the forms are to be turned in.
• Final registration forms are collected. These forms may later be sent on to the State Director so it is necessary to check them in carefully and secure them.
• Event Supervisor check in may start early for those events where early set-up is necessary. In some tournaments, the Event Supervisors may set-up the night before the tournament and send a runner to pick up any packets.
• Arrange for registration and placement of volunteer officials - a good way is to mark the event/events they are volunteering for, and the time and place where they are located, on their program of events. Some tournaments give them a Certificate of Appreciation at the time they check in. Others have the certificates distributed by the Event Supervisors. Provide a general orientation for these officials and have their Event Supervisors meet them at this time or at an appropriate time and location.
• The tournament Director, the Site Coordinator and committee members should be present to answer questions. If possible, they should not be involved in the registration. There are usually plenty of last minute questions to keep them busy.
• Arrange for suitable refreshments in a hospitality area for all of your volunteers.
Headquarters-Logistics & Personnel
It is important to have a facility large enough to accommodate the many tasks conducted at the headquarters. The following areas should be set-up in the headquarter complex:

- **Appeals Room**
  The Appeals Room will need tables and chairs for the Appeals Committee as well as refreshments to encourage them to stay in their room to be available in case they are needed.

- **Awards Ceremony**
  A large space with seating for students, coaches, parents and tournament volunteers is needed for the Awards Ceremony. In addition, a stage or risers is a great addition for speakers and for students to receive their medals. More information can be found on awards and the Awards Ceremony on page 31.

- **Communications Area**
  It may be necessary to make last minute copies or be able to reach a volunteer who has not shown up for the tournament on time. Make sure you have access to the following:
  - Copy machine
  - Computer
  - Telephone

- **Competition Spaces**
  - Building Rooms
  - Wheeled Vehicles
  - Flying Devices
  - Core Knowledge Events
  - Lab Events

- **Grading Area for Event Supervisors**
  Each Event Supervisor should check in AFTER they have finished running each of their events. It is best that all grading be done in the Grading Area in case there are pages left behind, etc. The location of the Check In Area should be a classroom or other space where the door can be closed and conversations can be had, without others overhearing as well as space for the Event Supervisors to score their tests.

- **Hospitality Area with Refreshments**
  There are many reasons to have a Hospitality Area for your volunteers:
  - It’s a great way to show them your appreciation for their time.
  - If you provide food, drinks and snacks throughout the day, they will be more inclined to not leave the building.
  - While your volunteers have their breaks from their duties, it is important that they have a place to go that coaches, parents and participants cannot interrupt them with questions.

- **Impound Areas**
  For events that require impound before the tournament, it is best to have a table set up in the area where their competition will take place. The idea of the impound is two-fold:
  - The Event Supervisors will use the Impound Checklist for the event to check to see that the device meets the criteria. This saves valuable time during the competition day, and;
  - If students have built a device beforehand and brought it to the competition, it is important that they get it to a safe place. Once they have checked their device in with the Event
Supervisors, they will place it with the other devices, usually against a wall, and this area will be off-limits to everyone until individuals need their devices for their competition.

- **Information Area**
  The information area can be as simple as a table with two knowledgeable individuals who can answer questions concerning the tournament. It is a good idea to have extra copies of the program available in this area. Many of the questions of coaches, Event Supervisors or other volunteers and officials can be answered at this point or directed to the proper location within the headquarters complex. It helps to have a walkie-talkie, everyone’s cell numbers and even runners in the event that communication with others in the headquarters somewhere in the building is needed.

- **Orientation Meetings**
  In many schools, the gym is going to be used for your Orientation Meetings, as a competitive space for several events and then for your Awards Ceremony.

- **Scorekeeping Room**
  The Scorekeeping Room should be away from the score check-in and grading areas. It is essential that the scoring personnel be in an environment free of noise and distractions. A computer, printer and a copy machine are valuable tools to have available to the Scoring Team. Large tables and comfortable chairs would be helpful in checking scores and doing the backup scoring.

- **Team Lunches**
  Many schools give permission for teams to eat their lunches, as well as any other snacks, in the classroom, or Team Room, that each team has taken over for the day. However, if your school does not allow this, make sure that the lunchroom is available and not being used for a tournament event.

- **Team Rooms**
  Team Rooms are spaces for an entire team to gather for the day. Belongings can be left behind as well as any materials needed for the competition. Each team needs their own Team Room and classrooms are the ideal location for Team Rooms. Desks can be claimed by individual students so that their items can be kept together and there is often a white board or screen so movies can be shown to keep students occupied when they are not competing. Students feel comfortable in classrooms, even if they are not their own.

**Orientation Meetings**
There are many different physical spaces that need to be secured to run a tournament. These spaces should be decided, and marked, before the competition.

**Event Supervisors Orientation Meeting**
It is a good idea to have Event Supervisors meet on the day of the tournament for last minute instructions and to meet their helpers. This meeting should be short and early in the day. Many of the Event Supervisors will need to set up but the meeting will add to the smooth running of the day. Some tournaments can have a supervisors’ meeting the night before the tournament or just prior to the coaches Orientation Meeting.
All Volunteers and Coaches Orientation Meeting

Some tournaments have an opening meeting where announcements are made. This is held for Coaches, Event Supervisors, and volunteers. It may be difficult to fit in such a meeting at some tournaments. However, this meeting will provide Coaches an opportunity to clarify any last minute questions and allow EVERYONE to hear the answers.

In addition, many tournament Directors will NOT answer EVENT questions on the day of the tournament. They want all questions answered beforehand, which is understandable. A standard answer to an EVENT question asked by a Coach, in any format, on the day of the tournament, is, “If it does not say you cannot do something, then you can do it as long as it is in the spirit of the problem.” Elementary Science Olympiad rules are written so that there are opportunities for creative problem solving within the spirit of the problem of the competition.

Lunch

Providing lunch, as well as some snacks and drinks, for all of your Event Supervisors and volunteers, is not only a nice touch and way to say thank you for their volunteering, it also keeps people in the building so they are not leaving to get food.

It is also a good idea to have lunches available for your teams, for a fee, of course. This can be used as a small fundraiser for your tournament or just at your cost. Many sandwich shops offer “lunch boxes” that would be perfect for a situation such as this. Send out order forms to teams early in the season so you can get lunches ordered early. Make sure to keep each team’s order forms available on the day of the tournament in case there are any questions about the order.

The same restaurant can be used for your volunteer lunches, as well as the team lunches.

Score Counseling Process

Score Counseling is a process required for all Event Supervisors that takes place at a location designated by the tournament Director. It involves turning in all materials that contribute to scoring (e.g. tests, answer keys, device checklists, etc.), checking scores, and documenting penalties, tiers, etc. to ensure no mistakes are present in the results tabulation. Use the Score Counseling Checklist (https://www.soinc.org/sites/default/files/uploaded_files/50%20Score%20Counseling%20Checklist.pdf) for this process. Verify the score after the Score Counseling Process has been completed.

- Check the raw score, rank and points after the Score Counseling Session
- Check the medal winners to verify that the school name and participants are legible

• Collect the following items from each Event Supervisor
  - Score sheets for each event
  - All tests and answer keys
  - Any appeal forms
  - Supervisor Evaluations
  - Spirit Award Nominations
  - Event signs
  - Any notes made on a copy of the rules suggesting future modifications
- Extra tape measures, stop watches, etc
- Miscellaneous items as Lost & Found, site-specific requested items
- Remind Event Supervisors to remain in the scoring area for 1 hour after check in. (They may be needed to answer questions from coaches, the Appeals committee or scoring officials. Hint: During this hour wait, they may be willing to assist other supervisors who are still scoring.)
- Send the score sheets to the Scoring Room. Many tournaments have an extra copy of the score sheet made for the Awards Ceremony Representative. Trial events are usually given ribbons or medals but are not included in the team scoring so these score sheets would not go to the scoring room.

Appeals Committee
The purpose of the Appeals Committee is to investigate and rule on any Appeal Forms that are submitted. The Appeals Committee shall operate on the principles of fairness, insight/common sense, impartiality, intelligence and kindness in response to participants. The members must have a thorough knowledge, understanding and interpretation of the rules….read the rules-know the rules-follow the rules. Ideally, there shall be no connection to a single participating team by individuals of the committee.
- Facilities/Materials
  - A room close to headquarters but with capability of separation by closed doors
  - Comfortable seats for Appeals Committee members, preferable with padded seats and armchairs
  - At least one large round table for conferencing and suggested two other work tables
  - Adequate lighting and ventilation with windows
  - Chalk board or flip charts with easel
  - Supply of refreshments so team can stay confined except for meal/s and bathroom breaks
  - Communication by walkie talkies or cell phone
  - Single sheet Appeals Form
- Composition
  - A team of three members
  - Members must be knowledgeable of current rules interpretation
  - Level headed
  - Individuals dedicated to a full day’s work
- Procedures for filing an appeal
  - Coaches only may file an appeal
  - Appeal form must be fully completed and signed by the coach prior to submitting it to the Appeals Committee
    - Identify the rule/procedure misinterpreted or not followed including the specific page number and section from the coaches manual
    - Detail how the rule procedure was not followed
    - A suggestion as to how the situation shall be rectified or resolved
    - The Event Supervisor’s response or opinion including the Event Supervisor’s signature.
» Do not interrupt the Event Supervisor while the event is being judged
  □ Attempt to resolve the dispute at the lowest level before officially presenting the Appeal Form to the Appeals Board

- Appeals Committee’s sequence:
  □ Thoroughly read the appeal in private
  □ Consult with the appealing coach
  □ If necessary, visit the event site and Event Supervisor for an on-site examination and discussion without the coach
  □ Return to Appeals Headquarters and reach a decision
  □ Address the coach with a final ruling

- Considerations
  ○ Appeals pertaining to “other teams” are discouraged
  ○ Event Supervisors shall not advise students on changes to a device upon impounding practice, or preparation
  ○ Resolution of appeals at the lowest level possible is encouraged
  ○ Coaches and Event Supervisors must exhibit collegial respect and friendliness toward one another-especially in front of students

- The Appeals Board/Room IS for:
  □ Coaches appeals only
  □ Dialogue of respectful disagreement
  □ Strict/spirit of rules interpretation
  □ Honest questioning of procedures
  □ Site tournament procedures
  □ Event Supervisors to present their view
  □ Appeals Committee only
  □ Impartiality

- The Appeals Committee/Room IS NOT for:
  □ Parents, school administrators, students
  □ Tattling on other teams/coaches
  □ Attempts to bend the rules
  □ School affiliation hidden agenda

**Scoring Guidelines**
As with all things included in this Elementary Science Olympiad manual, the Scoring Guidelines are just that: Guidelines. If you feel something would work better for your tournament, please feel free to make the necessary adjustments.

The Scoring Team must be headed by a person who is knowledgeable about the Elementary Science Olympiad program, its events and the scoring system you will be using. Scores can be recorded and summarized on a computer spreadsheet and/or on large scoreboards as each event is completed.

Some hints for scoring are as follows:
  □ Computer scoring is fast and it allows you to quickly rank scores and prepare printouts for coaches after the Awards Ceremony. Be sure to mark any score printout as a Draft Copy. Final scores must be verified to be official.
Organize the spreadsheet, or Scorekeeping Form, by placing the event names across the top and the team names and team numbers along the side. The score sheet can be sorted by the team number or by the names.

Check the spreadsheet formulas ahead of time to ensure that they will do what you want them to do. Put in some sample schools and scores to check it out. For example, a Core Knowledge Event can be scored by adding all of the correct answers. However, a Build Event device may have bonus points and/or penalties applied.

Backup scoring is essential. Hand scoring is a good way to be sure that scores have been entered into the spreadsheet correctly. A printout can be made periodically and checked against the hand scoring chart very quickly. It catches mistakes very early and it is also a good safeguard in the event the computer crashes.

Have the event score sheet initialed by the person who checked the computer printout for accuracy and by the person who checked the backup scoring for accuracy.

Breaking ties for the final team scores can be done by counting the number of first places awarded to each team. If that doesn’t work, then use second place, and so on.

Also needed is a system for delivering the score sheets in a timely fashion to the Scorekeeping Room. Assigned runners who carry scores from the Supervisor Check-in Area and the Scorekeeping Room will help to prevent confusion and maintain a quiet area.

Scores can be handed out to Coaches after the Awards Ceremony.

Event Supervisors must be available after their scores are turned in in case of Appeals in their event.

Scoring Individual Events
The following guidelines and procedures will be applied by Event Supervisors and Tournament Officials with regard to each event.

1. **Raw Scores and Ranks:** All teams who participate in an event must be scored and ranked as specified in the event rules. Follow the Tournament Director’s instructions for recording and reporting this data (e.g. via a website, paper form, etc).

2. **Tie Breakers:** All ties must be broken for the ranks to be awarded medals. If a tie for non-medal ranks can’t be broken, award points according to the place tied and then skip the next place (e.g. 3 teams tied for 10th place, the next team would be 13th).

3. **Sort Orders:** Since different events are scored differently, be sure to note whether high scores or low scores are better in terms of rank assignment, both for the raw score as well as for the tie breakers.

4. **Penalties:** Follow the guidelines in the event rules with regard to penalties. When there is ambiguity or uncertainty, note that General Rule # 5 says “Officials are encouraged to apply the least restrictive penalty for rules infractions”. See examples on page 29.

5. **Tiers:** Teams/devices that do not meet the requirements in the event rules must be allowed to compete if possible and are to be notified, scored, and ranked below those who met all of the specifications if specified as so in the rules (“tiered”).

6. **Participation Points:** Teams making an honest attempt to participate that cannot be assigned a raw score (e.g. safety hazard, mechanical failure, wrong dimensions, etc.) must be listed as a “P” for Participation as the raw score and rank.
7. **No Shows:** Teams that do not show up or make an honest attempt to participate must be listed as a “NS” for No Show as the raw score and rank. This includes teams who may be present but display no preparation for the competition.

8. **Disqualifications:** It is extremely rare for a DQ to be implemented. Teams that egregiously misbehave/cheat (e.g. excessive vulgar language, Code of Ethics issues, extreme safety violation, etc.), must be listed as a “DQ” for Disqualified as the raw score and rank. This action will disqualify the affected participant/team from participation and scoring in that event only.

9. **Team Notification:** Any team that is DQed, Tiered, or issued a significant penalty must be informed as soon as possible (e.g. tell the participant/team if still present in the competition area, notify the coach if the competitor is no longer in the vicinity, etc.).

10. **Event Documentation:** Event Supervisors are expected to provide raw scores and any documentation (answer sheets, answer key, etc.) to the tournament Scoring team as soon as possible after the event is done. Help is available at the tournament HQ to grade or tally results.

11. **Score Counseling:** Supervisors should plan on spending at least 20 minutes after you and any assistants complete scoring all team materials following a process of turning in all materials that contribute to scoring (e.g. tests, answer keys, device checklists, etc.), checking scores, and documenting penalties, tiers, etc. to ensure no mistakes are present in the results tabulation.

### Scoring the Overall tournament

The following guidelines and procedures will be applied by Event Supervisors and Tournament Officials with regard to determining the overall outcome for teams at a given tournament.

1. **Team Points:** For each event at the tournament, team points corresponding to the event rank are assigned to that team (e.g. 5th place = 5 points). The sum of the points equals the team score, which determines the overall team rank (lower is better).

2. **Points for Participation, No Shows, and Disqualification:** Participation (P) ranks are assigned points equal to the number of teams that competed in the tournament in each division. No Show (NS) ranks are assigned one more point than Participation points. Disqualification (DQ) ranks are assigned one more than No Show. (e.g. at Nationals, P=60 points, NS=61 points, DQ=62 points)

3. **Team Tie Breakers:** All ties must be broken for the team ranks to be awarded trophies. Ties are broken based upon the number of 1st places, then 2nd places, etc. (e.g. Team A with two 1st and five 3rd places loses to Team B with two 1st and one 2nd place).

4. **Scoring Errors:** Unless otherwise specified by the tournament director, results announced at the Awards Ceremony are tentative and may change if scoring errors are brought to the attention of the Appeals Committee within one hour after the results are announced. If changes occur, appropriate medals and trophies will be awarded. Teams will not be asked to return awards given at the ceremony.

5. **Publication of Final Results:** Tournament Directors may make final results available via hard copy, email, or website postings.
EXAMPLES OF APPROPRIATE PENALTIES

While it is the expectation of Elementary Science Olympiad that all participants, coaches, and teams will exceed all expectations regarding following the Rules for each event as well as overall conduct and behavior at a tournament as spelled out in the Code of Ethics, applicable Pledges and other relevant communications we do recognize that mistakes and errors can occur. In such situations, Event Supervisors and tournament officials will refer to the Event and General Rules to determine the appropriate response. The following example penalties are provided to give guidance to Event Supervisors and tournament Officials where Event and General Rules allow them discretion in their actions. These examples are provided to be illustrative and informative and in no way should they constrain Event Supervisors or tournament Officials in their decision making. Event Supervisors or tournament Officials are fully empowered to use their judgment and knowledge of the situation to determine the best course of action in compliance with the Event and General Rules, the Code of Ethics and applicable Pledges.

<table>
<thead>
<tr>
<th>INFRACTION</th>
<th>PENALTY / REACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device presented for impounding does not meet event rules and specs.</td>
<td>If impound time remains, competitors may modify devices to bring into compliance without any penalty. Otherwise, penalty points or tiering issued per the event rules.</td>
</tr>
<tr>
<td>Team caught practicing in prohibited competition facility prior to tournament.</td>
<td>A few (5-10) points added to the overall team points total for violating the spirit of the competition.</td>
</tr>
<tr>
<td>A competitor’s cell phone starts ringing during the competition.</td>
<td>Competitor asked to bring the phone to the front of the room and turn it off without any other penalty.</td>
</tr>
<tr>
<td>A team brings 2 sheets of notes into an event with a 1 page of notes limit.</td>
<td>If discovered near the beginning of the event, confiscation of the extra page without any other penalty. If near the end of the event, tiering below other teams.</td>
</tr>
<tr>
<td>A parent observing a team in an open event shouts advice to the team.</td>
<td>Verbal warning to the parent after the initial incident without any other penalty. Subsequent incidents result in tiering below other teams.</td>
</tr>
<tr>
<td>A competitor becomes verbally abusive and threatens physical violence.</td>
<td>Verbal warning to the competitor to calm down and be respectful. If the behavior continues, competitor DQed and the coach is notified of the situation.</td>
</tr>
</tbody>
</table>

Scoring Tools
There is not one easy answer to the question, “How do I keep track of the scores at a tournament?” Elementary Science Olympiad Tournaments can be scored in a variety of ways. You can hand out papers and have Event Supervisors fill in scores, online spreadsheets can be created, as well as checklists.
However, there are two scoring systems that are on our website that have been created just for Science Olympiad use. They are created for the Middle School and High School divisions specifically but can be adapted for your use. And the best part is that they are free. In addition to scoring, they do some other helpful things such as sign ups, etc

- Science Olympiad Scoring System - Excel-based Scoring System for Sanctioned Science Olympiad Tournaments
- Scilympiad - Volunteer-created Tournament and Scoring Management System for Sanctioned Science Olympiad Tournaments

In the end it comes down to what you and your volunteers are most comfortable using for your tournament.

**Event Limits**

Teams may enter participants in all of the events or as few events as they wish. For each event, each team should enter the required number of students. It should be noted that some events will be occurring simultaneously, so consult the schedule of events in order to avoid conflicts.

**Schedule of Events**

**SAMPLE TOURNAMENT SCHEDULES**

**DATE & LOCATION**

<table>
<thead>
<tr>
<th>Events 9:00-2:50</th>
<th>Room 9:00-9:50</th>
<th>10:00-10:50</th>
<th>11:00-11:50</th>
<th>12:00-12:50</th>
<th>1:00-1:50</th>
<th>2:00-2:50</th>
<th>3:00-4:00</th>
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<td>How Big Can It Grow?</td>
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<td>Write-It / Do-It</td>
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* Having Egg Drop be the last event run, will allow your entire audience to observe, students and adults, while you are scoring the rest of the events in preparation for the Awards Ceremony.
** In the case of Self-Scheduled: Coaches sign up for a time in advance. Have several choices ready in case they are already taken.
*** In the case of “Walk In” - No advance sign-up. Go to the event and you will be taken at the next available opening.

Judging
Judges can be obtained from various groups such as administrators, teachers, parents, college students, community members or university professors. An excellent source of judges would be Science Olympiad students from either the middle school or high school. In addition, many tournaments require that a Coach from each team oversee an event during the competition, even writing the tests for the Core Knowledge Events.

Awards Ceremony
It is a human characteristic that we all enjoy receiving the recognition of our peers. Long ago newspaper editors recognized the importance of getting the “who” for a story and getting the name spelled correctly. It is just as important, and maybe more important, for adolescents to receive positive recognition. They are developing their personalities and their sense of self-worth. Let’s celebrate our bright, creative students the same way we do for our athletes: by receiving adulation while competing, followed by recognition by the school, in school newspaper articles and in school announcements.

With this said, many tournaments may decide to let individual schools honor and celebrate their Elementary Science Olympiad participants with an assembly and/or an end of the year banquet, with no large Awards Ceremony culminating the tournament. Any way it’s done, it’s important to celebrate these students. Here are a few suggestions:

• **Celebrate Participation (Does not usually include a day of the tournament ceremony)**
  Participation medals can be given out to all of the students who compete at the tournament, with trophies handed out for the winning team. In this scenario, students do not know how they placed in their individual events, the final tabulated results just tell the winning team.

• **Celebrate Participation with Medal Placements (Does not usually include a day of the tournament ceremony)**
  Participation medals are still given out to everyone who participated, however individual medals are awarded to students who place in the event. (How high you go in recognizing students is up to you and up to the tournament size. If you have a large tournament, you might want to recognize places first through eighth or even tenth. However, if you have a small tournament, you may want to only recognize through third place.) Team trophies can be included, if you like.
• **Large Awards Ceremony on the day of the Tournament**

The Awards Ceremony does take time! With sixteen events, it could take up to an hour to complete. We suggest that you start with Build Events (because they are quickly graded and usually done as each team competes) and continue as scores come in.

Normally the participants do not become restless during the Awards Ceremony because they are busy listening for their name (or their teammates’ names) and cheering for their team. The Awards Ceremony is a time for celebration and for the students to be “spotlighted”. It is a wonderful culmination of a day of competition. It is possible to request that applause be reserved for each event until all medal winners are announced. Photo taking, and applause, can occur as a group once all students reach the stage.

The Awards Ceremony comes to a close with the presentation of “team” trophies and/or plaques for the schools accumulating the greatest number of points. Event Supervisors send a list of the scores for each team in each event to the Scorekeeping Room. These are then ranked and assigned the point volume listed on the Scorekeeping Form. The schools with the greatest total accumulated points receive third, second and first place trophies. It is best to present trophies in reverse order to highlight the championship team. Prior to announcing the top three winners, it is desirable to announce the 10th through 4th place team winners, if you are acknowledging that many teams.

• **Awards Ceremony Platform Layout**

In some locations, you may be able to organize your Awards Ceremony stage or platform before the tournament. But in many locations, your spaces may be doing double duty and you may need to use the space first for a Build Event and then, once the competition is over, it can quickly be taken down.

The location, order and organization of the Awards Ceremony are important. Acoustics are also important if the ceremony is to be in a large gymnasium.

For Platform Setup:
- Lay out medals, trophies, certificates, plaques, etc. on convenient tables.
- Ask volunteers to be “in charge” of specific medals, and to stand in front of their medals so they can grab what they need, each time. For instance, the same person gives out all of the first place medals and someone else gives out all of the second place medals, etc. Volunteers also need to stand in order of the medals, with first place on the far left, as seen from the stands or chairs where the participants (and coaches and parents) are seated.
- This is a good place to use a microphone. Names will need to be announced loudly.
AFTER THE TOURNAMENT

Update the Website
Parents, coaches and participants will all look to your website for pictures and information about medals won so it’s important to get your website updated soon after the competition.

Social Media
Social Media can be used to your advantage before, during and after the tournament. You can get people excited about the tournament and drive registration beforehand, sharing information such as tournament location, date, time and even a logo specific to your tournament, if you have one. On the day of the tournament, make sure you are sharing event pictures with competitors working hard (make sure to check your list of “No Photographs allowed” students.) Giving your winning teams a shout-out after the Awards Ceremony is over will also drive followers.

Don’t forget the power of television, newspapers and on-line newspapers. Sending information to all of these news outlets before your tournament might get you in the newspaper or you might even find yourself featured in a story on your local news station.

Press Release
For a local or regional tournament, the newspapers for all communities participating should be contacted. Schools should notify their local newspapers. TV and radio stations should also be contacted by phone with a press release to follow up. Someone should be designated as a contact and spokesperson. This person should have prepared a fact sheet to ensure accurate coverage of the tournament. A schedule of events is a helpful addition to enable the newspapers or TV to cover the events they might consider most interesting.

For local newspapers, the names of the team members and the coach should be listed with the school name. A press release should be sent out announcing the competition at least two weeks before the date and a follow-up release listing the results of the individual events and overall winners as soon as possible following the competition. Consider attaching a digital photo to an email press release.

FOR A SAMPLE PRESS RELEASE, PLEASE SEE THE SCIENCE OLYMPIAD WEB SITE: WWW.SOINC.ORG

APPENDIX ITEMS
The following documents are suggestions only. Feel free to change the documents as needed. Also, you may find that you need to create additional documents to address the needs of your tournament.
APPEAL FORM

Instructions for Filing an Appeal

Remember that Event Supervisors are extremely busy during the competition. Please do not interfere with an Event while it is in progress.

- Make an attempt to resolve the problem with the Event Supervisor before filing a written appeal.
- This form must be turned in to Tournament Headquarters within 1 hour after the completion of the Event. If circumstances prevent filing within this time limit, the Appeals Committee may, at their discretion, accept a late appeal.
- Be specific in your appeal. Be sure to identify the exact rule/procedure that you feel was not followed. The Appeals Committee may reject appeals that are general in nature. The official coach of the team must sign this form.
- The Event Supervisor must sign this form before it is submitted to the Appeals Committee. If time permits they may enter their response on this form, or enter the time notified, initial and respond to the Appeals Committee before the final scoring for the event is completed.

The decision of the Appeals Committee is final.
APPEAL FORM

Event________________________________________

Coach________________________________________ School__________________________

Team Number_____________________________________

What Rule/Procedure do you feel was not followed? (Must cite specific Event and paragraph number from Event Rules):

________________________________________________________________________________________

________________________________________________________________________________________

Evidence Submitted/Witnesses (Attach additional information if applicable):

________________________________________________________________________________________

________________________________________________________________________________________

Suggested Solution:

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

Appealing Coach’s Signature

Event Supervisor’s Opinion: (Please do not interrupt judging. If the Event Supervisor is too busy to write an opinion, ask them to initial the form so they know it is being delivered) initials time:

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

Event Supervisor’s Signature

Appeal Committee’s Resolution (The decision of the Appeal Committee is final):

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

Official’s Signature
COACH’S FEEDBACK FORM

NAME: ________________________________________________________________

SCHOOL: __________________________________________________________________

1. How many students did you bring to compete? _____ Males _____ Females

2. How many events did your team enter? ______________________________________

3. Do you feel that the preliminary Coach’s Meeting was worthwhile? _____ Yes _____ No

Comments:

4. How would you rate the overall experience of the Elementary Science Olympiad tournament? (Circle one.)

   5  4  3  2  1
   Excellent  OK  Poor

5. How did you and your team feel about the value of the Elementary Science Olympiad tournament?

6. Has participating in the Elementary Science Olympiad tournament, and its preparation, had any impact on your attitude or student attitude regarding science?

7. Any other comments:

   Please return this form to the Tournament Director
EVENT SUPERVISOR CONFIRMATION FORM AND DUTIES

Thank you so much for volunteering to supervise an Event at the (Name of tournament) Elementary Science Olympiad. The Science Olympiad organization is made up of tens of thousands of volunteers across the country and no event would be possible without them.

Notes:
• Event Supervisors are responsible for assigning duties to Assistant Event Supervisors. Plan on communicating expectations before the tournament begins.
• Please plan on arriving in time for the organizational meeting before the Tournament begins.
• Event directions are attached to this document.
• Please wear your nametag at all times.
• If this is a Core Knowledge Event, a test must be written and submitted to the Tournament Director two weeks prior to the Tournament.
• Additional volunteers may be needed. If this is the case, you must find the volunteers you need or let the Tournament Director know by (date needed).

Thank you for your time and dedication,

(Your Name)
(Name of tournament) Tournament Director

Your Event _________________________________ Room Number ________

Event Supervisor______________________________

Assistant Event Supervisor _____________________________

Please sign, date and return this form to (email address needed) by (date needed) to show your acceptance of responsibilities.

Signature __________________________________________

Date __________________________________________

EVENT SUPERVISOR/VOLUNTEER JUDGING PREFERENCE FORM

(This MUST be returned with the pre-registration form.)

We will need your help or the assistance of another responsible adult from your school to either supervise (Event Supervisor) or assist the Event Supervisor for one event for at least one hour during the tournament.

We will try to make assignments so that no conflict of interest will occur. The assignments will be made based on need. Please indicate your order of interest (if any) and return this form by (date needed). Information about your event will be sent to you before the tournament. There will be a brief orientation on the morning of (date) while the students are receiving their orientation.

EVENT CHOICE

(Write the name of an event on each line before sending out)

1.__________________________________________________________
2.__________________________________________________________
3.__________________________________________________________
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10.___________________________________________________________
11.___________________________________________________________
12.___________________________________________________________
13.___________________________________________________________
14.___________________________________________________________
15.___________________________________________________________
16.___________________________________________________________

Signed:_____________________________________________________

District/School/Organization:________________________________________________

Address/City/Zip:_____________________________________________________

Cell Phone:_________________________________________________________

Email:_____________________________________________________________
## FINAL REGISTRATION FORM

Must be Submitted by (Insert date and time)

**SCHOOL:** __________________________________________ _Coach:_

**STUDENT NAME**  **GRADE**

1. _______________________________________________________________  ___________
2. _______________________________________________________________  ___________
3. _______________________________________________________________  ___________
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15. ____________________________________________________________________________  ___________
16. ____________________________________________________________________________  ___________

**EVENT**

**LIST COMPETING STUDENTS’ NAMES AFTER EACH EVENT**

(Insert Event names before sending out)

1. _______________________________________________________________
2. _______________________________________________________________
3. _______________________________________________________________
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13. ____________________________________________________________________________
14. ____________________________________________________________________________
15. ____________________________________________________________________________
16. ____________________________________________________________________________

I certify that all of the above students are active members of our school.

**Coach’s Signature & Date:** ____________________________________________

**Principal’s Signature & Date:** __________________________________________

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PRE-REGISTRATION FORM
Due (Date is One Month Before Tournament)

School: ____________________________________________

Teacher/Coach: ____________________________________

School District: ____________________________________

School Address: ____________________________________

City/Zip: _____________________________ Phone: _____________________________

Team #: _____________________________ (filled out by Tournament Director)

Registration by Event
Please indicate below which of the events your team will be participating in.
(Write the name of an event on each line before sending out)

1. ____________________________________________
2. ____________________________________________
3. ____________________________________________
4. ____________________________________________
5. ____________________________________________
6. ____________________________________________
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9. ____________________________________________
10. ____________________________________________
11. ____________________________________________
12. ____________________________________________
13. ____________________________________________
14. ____________________________________________
15. ____________________________________________
16. ____________________________________________

Return this registration form no later than (date) to: (Name & Address)
## TENTATIVE TEAM ROSTER
To Be Submitted with Pre-registration Form

<table>
<thead>
<tr>
<th>STUDENT NAME</th>
<th>GRADE</th>
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</table>

School Name___________________________________________________
Coach’s Name__________________________________________________
SCORE COUNSELING CHECKLIST

Score Counseling is required for all Event Supervisors. All materials that contribute to scoring (e.g. tests, answer keys, device checklists, etc.) must be turned in. Checking scores, and documenting penalties, tiers, etc. ensures no mistakes are present in the results tabulation.

NOTE: PLEASE DO NOT LEAVE THE TOURNAMENT LOCATION UNTIL THIS HAS BEEN COMPLETED ENTIRELY

Event: ________________________  Event Supervisor: __________________________  Cell Phone Number: __________________________

1. Preparations: Prior to starting Score Counseling, please ensure:
- All teams have a score (or DQ/NS/P) recorded per tournament instructions
- Ties are broken for the top ranks receiving medals
- All tests/event-specific scoring/device sheets are ordered by rank (not team #)

2. Appeals: Are you aware of any appeals? □ No  □ Yes  If yes, check for appeal’s resolution prior to submitting/finalizing scores.

3. Tournament Documents: Please provide the following to the tournament Director:
- Copy of test and key
- Spirit Award nomination
- Event Supervisor evaluation

Event Documents: Please provide the following to the Score Counselor (should have at least one sheet per team):
- Student answer sheets
- Scoring/device spreadsheet
- Attendance form

5. Scoring Order: □ High score wins or □ Low score wins

6. Tie Breakers: □ High tiebreaker wins or □ Low tiebreaker wins

   How were ties broken? ______________________________________________________________

7. Red Flags: If present, document the reason and ensure the team has been notified of any of these situations:
- DQs
- No Shows
- Teams ranked / tiered below others

8. Score Tabulation Check: Show the Score Counselor how the score was derived with a few tests or event-specific scoring/device sheets and confirm compliance with the event rules.

9. Score Transcription Check: Compare each team’s recorded rank or score in the tournament Scoring System to the sorted tests or event-specific scoring/device sheets.

   ANY ADDITIONAL TOURNAMENT SPECIFIC ITEMS TO BE COMPLETED BY SCORE COUNSELOR

□ ____________________________  □ ____________________________
□ ____________________________  □ ____________________________

Version: 10.0 Last Revised 10/24/19  Page 1 of 1  Score Counselor: __________________________
Scoring Spreadsheets

Scoring Spreadsheets will look different for Build Events, Lab Events and Core Knowledge Events. The Scoring Spreadsheets will also look different depending on which specific event you are doing. See below for a few examples. The samples below are written for 15 teams participating in the tournament. Make edits as needed for your tournament.
## CORE KNOWLEDGE SCORING SPREADSHEET

<table>
<thead>
<tr>
<th>Team Number</th>
<th>Team Name</th>
<th>Score</th>
<th>Place finished in</th>
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## LAB SCORING SPREADSHEET

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<th>Team Name</th>
<th>Time Ran</th>
<th>Score</th>
<th>Penalties</th>
<th>Place finished in</th>
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</tbody>
</table>
## BUILD SCORING SPREADSHEETS

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<th>Team Name</th>
<th>Race Score</th>
<th>Bonus Amount</th>
<th>Place finished in</th>
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STUDENT FEEDBACK FORM

1. How many students were on your team?_____________________________________________

2. How many Events did you enter?___________________________________________________

3. Which Event did you like the best?__________________________________________________

4. Which Event did you like the least?________________________________________________

5. How would you rate the time that you had at the Science Olympiad?
   (Circle one.)
   5 4 3 2 1
   Great time Ok Didn’t like it

6. Will you want to be a member of the Science Olympiad team next year? _____YES _____NO

7. Is there anything that we can do to make the Science Olympiad better for students next year?

Please return this questionnaire to your teacher/coach.

Coaches: Please return this form to the Tournament Director
SUGGESTIONS AND COMMENTS

Thank you for your participation in this year’s Elementary Science Olympiad. We would like to help us make next year’s Elementary Science Olympiad even better by answering a few questions.

Are you a:

- _____Teacher/Coach
- _____Supervisor/Judge
- _____Student competitor
- _____Adult Spectator

Please rate Events as you had contact with them. Please add any additional comments, suggestions and questions on the back of this sheet.

<table>
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<tr>
<th>Event Name (Fill this in before handing out)</th>
<th>Excellent</th>
<th>Good</th>
<th>Fair</th>
<th>Below Average</th>
<th>Poor</th>
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Are there other activities you can suggest for next year’s Elementary Science Olympiad? _____________________________________________

For teachers: Would you be willing to help us plan next year’s Elementary Science Olympiad? YES NO

If YES, please provide your name: ___________________________________________________________

Phone number and email address: _____________________________________________________________

What role do you prefer: _________________________________________________________________

Return Form to the Tournament Director
Science Olympiad Opportunities for You Beyond Your School

The Importance of Volunteers
All levels of Science Olympiad thrive on the commitment and passion of volunteers throughout the country. In addition to coaching and mentoring, there are many opportunities for involvement for people who are passionate about bringing STEM learning to the next generation. Volunteer opportunities can be found at all three divisions: Division A, Division B & Division C.

Event Supervisor-Divisions A, B & C
Event Supervisors create the tests for tournaments, score participants, and determine winners. Typically they are professionals in the field, alumni, teachers, or college faculty members.

**If you are interested in becoming an Event Supervisor: Reach out to your State Director.

Helping Your State-Divisions A, B & C
State chapters are often led by a board of directors and a cadre of volunteers who help with everything from financial management to coaching clinics to tournament preparation.

**If you are interested in volunteering for your state chapter: Reach out to your State Director.

Trial Events-Divisions B & C
New trial events are proposed each year by experts around the country and are piloted at tournaments.

**If you have an idea for a new event: Visit soinc.org/learn/trial-events

National Rules Committees-Divisions B & C
National Rules Committee members gather at the end of every season and throughout the summer to determine and write the Event Rules for the following year. They are led by the National Rules Chairs and are composed of coaches, Event Supervisors, alumni, and industry partners. Their goal is to align events with up-to-date STEM practices, new technology, and innovation.
Visit the Science Olympiad Store
www.store.soinc.org
Throughout the store you will find materials specifically designed for sponsoring, coaching and participating in Science Olympiad tournaments at all levels.

Elementary Science Olympiad
Competitive Tournament Manual
Elementary Science Olympiad
Fun Day & Fun Night Manual
Elementary Science Olympiad
Coaching Program
Elementary Science Olympiad
Elementary Science Olympiad for All
Elementary Science Olympiad
Rules Manual
Elementary Awards

Science Olympiad is a 501-C-3 tax deductible charity. Make a donation today.
To learn more, please visit our website at: www.soinc.org