

# DOWNLOAD PDF 2017 SCIENCE OLYMPIAD SUMMER WORKSHOP SCHEDULE

## Chapter 1 : FSO State Schedule

*Many Science Olympiad coaches credit their team success to workshops and professional development activities provided by state and national Science Olympiad professionals.*

Explore and evaluate hands-on activities addressing the three dimensions of the NGSS using examples from Science Olympiad. This session will spotlight a STEM activity using NASA data that produces a scientific photon intensity image of a supernova remnant and a more artistic version for public release. Friday, March 31, 9: Both formative and instructional, these Problem Based Learning events will activate your back to school like never before. Friday, March 31, Write It Do It: Not another boring writing prompt! Friday, March 31, 5: Identify elements in the spectra of supernova remnants to determine the properties of collapsed and exploded stars using NASA X-ray archived data and analysis tools. Saturday, April 1, 2: This session will cover model star formation, evolution and destruction using image from NASA missions, including stellar nurseries, protostars, supernovas, white dwarfs, neutron stars, pulsars, supergiants and black holes. Saturday, April 1, 3: Science Olympiad has a solution for you. We will share the success of the Science Olympiad Urban Schools Initiative and obtain resources for applying the grant funds to fuel your own program. Learn more about Science Olympiad regional, state and national competition STEM events and supporting resources that are easily incorporated into existing curricula that actively engage students and meet NGSS criteria. Friday, December 2, , 3: Thursday, March 31, , 8: Attend this session to learn more about the success of the Science Olympiad Urban Schools Initiative and meet teachers who have participated in the program. Funding and organizational tips will be shared! Friday, April 1, , Join us for a fun-filled hands-on workshop about ESO and learn how Science Olympiad can serve as a structure for family science nights, school science days, after-school clubs and a community-engaging STEM competition. Saturday, April 2, , 8: Check out how schools are integrating science carnivals, STEM clubs and Science Olympiads into the curriculum instead of the classic science fair. Science Olympiad coaches will be provided information on strategies, extensive resources and content for regional, state and national competitions by the National Astronomy Event Supervisor. Thursday, March 12, , Friday, March 13, , 4: Saturday, March 14, , 2: Attend this session to learn more about the success of the Science Olympiad Urban Schools Initiative and meet teachers from Chicago Public Schools who have participated in the program. Through modeling, an authentic practice of science, students learn by both using models and constructing models. Saturday, November 8, , Join us for a fun-filled workshop about the Elementary Science Olympiad program. Learn how to execute engaging Science Olympiad lessons in your class and how to compete. Thursday, April 3, , 5: Saturday, April 5, , Saturday, April 5, , 5: For middle school and high school Science Olympiad coaches.

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## Chapter 2 : Southern California Science Olympiad

*A draft schedule for the MiSO Coaches Workshop has been posted. A link to the schedule is available below, or go to the Resources > Workshops page. Online registration for the workshop closes November 20,*

New Date for State Tournament Posted: We apologize for any inconvenience this may cause. If you are volunteering as an event supervisor at a regional tournament or have a question about a specific event, contact the appropriate state event supervisor listed on the new State Event Supervisors page. The clinic covers all 46 events for divisions B and C. We have several national event supervisors presenting including Audrey Carson hovercraft , Russ Burleson wind power , Roger Demos optics , and Brother Nigel Pratt scrambler and electric vehicle. All other presentations will be made by the new PA state event supervisors, pending their commitment. A general session will be held at 8: Parallel sessions will run from 9: We will have many giveaways and will have vendors selling Science Olympiad materials. Space is limited to the first persons who register, so register early. To guarantee receiving give aways, register before Friday, September 30, You may register online at [http:](http://) A paper registration may be downloaded at [http:](http://) Mention the PA Science Olympiad block when making your reservation. Call for State Event Supervisors The Pennsylvania Science Olympiad board would like to move to a new model for event supervision since finding event supervisors has been difficult. Our plan is to establish state event supervisors who will perform the duties listed below. Thoroughly understand the rules for your event and communicate with the national event supervisor as needed to resolve questions. Serve as a resource person for persons serving as an event supervisor for your event at regional tournaments in Pennsylvania. Insure that event rules are consistently understood and applied at competitions in PA by communicating with other event supervisors prior to each tournament. Assist with presentation of your event at the PA coaching clinic. As a presenter you will be eligible for a reduced clinic fee. Write the test if applicable for your event to be used at all regional tournaments. This should be submitted to the state director by February The state director will forward the tests to the regional directors by February If your event has a lab, please contact regional directors to try to coordinate uniform lab experiences for all regional tournaments as much as possible. We are looking for consistency in difficulty for the event, not necessarily identical labs. Write the test if applicable and run your event at the PA state tournament or find a knowledgeable replacement to run it if you are unable. The test for the state tournament must be different from the test for the regional tournaments. This test should be submitted to the state tournament director by April 1. We believe this will lead to more consistent regional tournaments since the same test will be used at all of them. It will also facilitate finding event supervisors at regionals since they will not have to make a test but will have to grade it with the key that is provided. This is not much more than you are doing now since you probably run an event at your regional. To assist you in doing the above, we will send you the draft rules for your event and the PowerPoint presentation and other information if applicable for your event from the summer institute when available. If you are interested in serving as a state event supervisor for the coming year, please contact Roger Demos, Chris Sikich, or Dave Moyer Dave is keeping the list. We still need volunteers for Div. We also need volunteers for Div. Roger - PASciOly cabrini.

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## Chapter 3 : Coaches Workshop Schedule | Michigan Science Olympiad

*July 15, We had our fifth annual Science Olympiad Summer Workshop at Caltech on Saturday, July 15, This was a smaller, one day version of the Science Olympiad Summer Institute hosted in Phoenix, Arizona each summer.*

We are looking forward to the upcoming tournament with great anticipation. This building is the main hub for many events, outfitted with laboratory facilities for biology, chemistry, environmental studies, psychology and physics. Many Changes with Missouri Science Olympiad! April 27, Hello to everyone! Welcome to another year of Science Olympiad. Our season will officially begin this year on September 4th because of the weekend and the Labor Day weekend. We have some major changes this year which are highlighted below: Please visit the page, statescioly. Everyone will need to create a username and password. There is a link to basic directions below on how to maneuver the website. Directions Some of advantages to this management site is the fact that everything is done on the website including, registration, scheduling of the events for regionals and state, uploading documents from directors and from the coaches. There is transparency in what has been done, and coaches can now check to make sure they have uploaded everything they need to without wonder if something has been received. Coaches can also sign up for free to use the site for running their teams at the school. Payment for registration can be made through the site via PayPal and credit card via the software. If you are still paying by PO and need invoicing, you will register and upload your PO to the site and then an invoice will be sent as before. If you are just sending a check, your registration will not be processed until we receive the check. Another major difference in the software is that the software encompasses a scoresheet that allows the scoring to be done as it is at the State and National level and it will be scored consistently across all regionals and state. This scoring considers some of the issues that have caused problems and confusion in the past. This is a new process and technology so there will be growing pains, but please email if you need help or find a problem at director moscioly. We will help you through it. Our second most important change this year is the addition of a State Tournament Director. After years of running the State Science Olympiad and also the state tournament, I am transitioning away from the state tournament although I will be there and concentrating on the day to day running of the State Science Olympiad. You will be getting notifications through the new software from Greg Spiegel, who is now our State Tournament Director. He is also the regional director from Region 3 and has agreed to take on the enormous task of the State tournament. All questions and communication should go through Greg. I will be the go to if there can be no resolution at the State Tournament Director level, giving an additional layer of hierarchy to the arbitration and problem solving for the State of Missouri. Probably the biggest question I have had from everyone is whether or not we will have enough teams to qualify 2 teams to advance to nationals from Missouri. Last year, for the first time in our history, we did not have enough registrations to qualify two teams. Every region allows up to 2 teams from each school at the regional level, with the exception of Region 7 who allows 3 teams per region. Our count goes until the last regional registration is closed, so everyone counts. Good luck this year and we will see you at the end!!! Patty Palmietto, State Director.

## Chapter 4 : Southern Tier Regionals Division B – New York State Science Olympiad

*For the ninth year, Science Olympiad's partner, Discovery Education, would like to invite all Science Olympiad Division B team members to enter a video in the \$25,00 Discovery Education 3M Young Scientist Challenge (YSC).*

## Chapter 5 : Pennsylvania Science Olympiad

*The Summer Institute sold out last year before June 10th, so plan to register early! Plan now to attend the July , , Science Olympiad Summer Institute, held at the Pointe Hilton Tapatio Cliffs Resort Hotel in Phoenix, Arizona.*

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## Chapter 6 : Science Olympiad

*Florida Science Olympiad Workshops* In the past, we have held day long workshops that focus on building and background information on the events. This year, we are providing a shortened FREE seminar for teams who are registered and a nominal cost for all others.

## Chapter 7 : Missouri Science Olympiad: Home

Founded in , Science Olympiad is one of the premier science competitions in the nation, providing rigorous, standards-based challenges to nearly 8, teams in all 50 states. We host tournaments annually on college campuses and hold professional development workshops that showcase innovative science, technology, engineering and math (STEM).

## Chapter 8 : Cornell University Division C Invitational “ New York State Science Olympiad

*Delaware Science Olympiad* inspires students to achieve the next level in their science education through exciting and challenging competitions.

## Chapter 9 : ~ LEAF STEM Challenge

*As a reminder, the Science Olympiad season runs from September 4-May 31 each year. We do try to check e-mails and issues in between the seasons, but that is also a very busy time for us in Science Olympiad with meetings, workshops, and preparing for a new season both as individuals and as a board.*