



Marshall Middle School Science Olympiad 2018-2019



****Send all questions to marshallmiddlescioly@gmail.com****

Please use our official email address. Contacting teachers, administrators or Head Coaches at their personal emails or phone numbers jeopardizes your participation in Science Olympiad.

Read this entire document before registering. Some procedures have changed this year.

Registration instructions: In our online registration system, you will provide student and parent information, list your top 10 events in order of preference, and pay a donation of \$100. By registering online, you agree to the procedures and guidelines described in this document. In order to select your preferred events, review the Science Olympiad Rules Manual that was emailed to you. If you did not receive it, email marshallmiddlescioly@gmail.com. Read the description of all 23 events. For more information about each event, visit <https://www.soinc.org/events/2019-division-b-events> . Other helpful sites are the San Diego regional website <https://scilympiad.com/san-diego-so> and the unofficial <http://www.scioly.org/>. Next, look at the schedule listed below to see when weekly event meetings will be held.

Science Olympiad Meetings 2018-2019 Schedule: All events meet weekly at Marshall except Build Events							
	Monday	Tuesday	Wednesday	Thursday	Friday	Sunday	
8:00-9:00am						Dynamic Planet Sun 8:00-9:30	Thermodynamics Sun 8:00-9:30
9:00-10:00am						Experimental Design Sun 9:30-11:00	Anatomy & Physiology Sun 9:30-11:00
10:00-11:00am							
11:00am-12:00pm							
2:00-3:00pm							
3:00-4:00pm				Solar System Thurs 3:30-5:00		BUILD EVENTS Battery Buggy, Hovercraft, Roller Coaster, Boomilever If you sign up for these events, you will construct your device at home with your partner under the guidance of your parents. Make sure your parents have the tools and experience to coach you and your partner. Each of these events will have a consulting coach who will meet with you weekly to brainstorm and share strategies.	
4:00-5:00pm	Circuit Lab Mon 4:00-5:00		Heredity Wed 4:00-6:00	Water Quality Thurs 5:00-6:00	Crime Busters Fri 4:00-6:00		
5:00-6:00pm	Meteorology Mon 5:00-6:00		Herpetology Wed 6:00-7:00	Road Scholar Thurs 6:00-7:00	Elastic Lchd. Gliders Fri 5:00-7:00		
6:00-7:00pm	Density Lab Mon 6:00-7:00	Code Busters Tue 6:00-7:00	Mystery Architecture Wed 7:00-8:00	Potions & Poisons Thurs 6:30 - 8:00	Write It Do It Fri 7:00-8:30		
7:00-8:00pm	Disease Detectives Mon 7:00 to 8:00	Fossils Tue 7:00-8:00					
8:00-9:00pm							

Decide which events you are interested in and make sure they don't conflict with your other activities. Once you are assigned to an event, you will be expected to attend EVERY week from early October through early February. Parents will also be expected to attend regularly to provide chaperoning, classroom supervision, and any support required by the event coach.

**A requirement of being on the team is participation in the Competition on Saturday
February 9, 2019**

Pay careful attention to the times: You must be dropped off and picked up on time. If you have soccer practice that ends at 5:45 in Poway, don't sign up for a 6:00 event. If you often arrive 10 minutes late, you might be dropped from the team. Parents, please arrange prompt pick-up when the meeting ends. School rules do not permit students to remain unsupervised. If you are in an event that begins at 4:00, you will not be allowed to stay on campus after school until 4:00. If you want to sign up with a partner, choose your favorite events together, making sure that the times work for both of you. When you register, you should sign up for the same 10 events in the same order. Remember that you might not be placed together for all your events.

In addition to the 19 events on the schedule above, there are four BUILD events which will not meet on campus: *Elastic Launched Gliders*, *Roller Coaster*, *Battery Buggy*, and *Boomilever*. These events will be assigned to individual students and partners who will construct their devices at home under the supervision of their parents. Read the descriptions of these events carefully and discuss them with your parents. If you sign up for these events, it means you have the necessary tools and your parents can coach you at home. Science Olympiad requires that you and your parents sign an affidavit stating that YOU built your device, not your parents. Once you have made a list of your top 10 events and double-checked that the times work for you, your parents and your partner, click on [this link](#). **Online registration will be open from Friday September 21 at 3pm through Saturday September 22 at 8pm. You must register online during this time if you want to participate in Science Olympiad this year. It is not first come, first served: all applications within this timeframe will be considered. If you have a financial hardship, please email us during the registration period.**

Although we try our very best to make everyone happy, we cannot give all students the events and partners that they request. Be open to all events and making new friends. Discuss the time commitment seriously with your family. Will you have time to arrive at a 6pm event if soccer practice, piano lessons or church ends at 5:30? Will you have time to attend 3-5 hours of meetings plus study time? Strict attendance is expected.

If selected to the Marshall Science Olympiad team, you agree to the following:

1. You will accept the three events and partners assigned to you and attend all weekly meetings.
2. You will be respectful to your coaches, parent volunteers and fellow students.
3. You will observe all Marshall Middle School citizenship expectations, respect the use of Marshall classrooms, and leave untouched anything that does not belong to you.
4. You will attend the Science Olympiad Regional Competition on Saturday, February 9, 2019.
5. Your parents will assist with classroom chaperoning, coaching support and competition volunteering.
6. All decisions of the Head Coach are final.

Helpful hints for online registration:

1. Use a computer to register. The system does not allow you to register on a tablet or phone.
2. The system might have some unscheduled downtime. If you can't register, wait a couple of hours and try again.
3. If the student doesn't have an email address or phone, enter parent information.

4. Remember that student T-shirts will be ordered for the competition in February, so allow for a larger size. Kids grow A LOT in middle school!
5. If you sign up with a partner, make sure you select the same 10 events in the same order.
6. Take your time and double check your information. If we get incorrect email addresses or phone numbers, we will have no way to contact you. All parents or guardians who want to receive email notifications should be entered during registration.

How will I know if I made the team? We will review all applications and contact you within two weeks. We appreciate your patience as we process a very large number of applications, and we do our best to place you in your favorite events with preferred partners. If the schedule doesn't work for you, you don't want to be waitlisted, or you change your mind once you receive your schedule from us, you can get a refund, and we will place someone from the waiting list into the program. Once teams are created, it is very difficult to change the schedule. Thank you for your interest in Science Olympiad!

General Information

What is Science Olympiad? The nation's most exciting K-12 science competition! Each school puts together a group of students who compete against other schools in 23 different science events.

To learn about these events, visit the national website at <https://www.soinc.org/events/2019-division-b-events> or <https://scilympiad.com/bmms-so/Info/Events/B>. Other helpful sites are the San Diego regional website <https://sandiegoso.org/> and the unofficial <http://www.scioly.org/>. We are in Division B (middle school). There are three kinds of events:

- **Build events:** you will create a device like a bottle rocket, wheeled vehicle or a tower and test it against other teams at the competition. A build event is one in which the students, in teams, will build a device that will compete against other team's devices at performing a task. Build events require significant involvement of parents and are a great bonding activity. These usually take place on weekends.
- **Lab events:** you will be given specific materials or evidence and you will conduct experiments at the competition.
- **Study events:** you will learn about a particular subject such as anatomy or meteorology and you will take a test at the competition. In contrast to a build event, study events are focused on learning in a specific area. These areas of study can span topics in mathematical analysis, physics, chemistry and biology. These usually have minimal or no building endeavors but may include some laboratory exercises.

How can I participate? If you join the program, you will be assigned to three or four events with one or two partners. You will be on a team of 15 students; each team will cover all 23 events. Each school can send a maximum of six teams of 15 kids to the competition, which is 90 students total.

Who are the teachers? Event meetings are run by volunteer coaches: parents, alumni and community experts. Each event meets once a week for 1-2 hours. Each coach prepares 12-18 kids in their event.

What is the time commitment? Expect a minimum of 3-5 hours per week on evenings and weekends, *plus study time*.

I want to help, but I am not a coach. What can I do? Parents are encouraged to get involved. In build events, coaches supervise many students and will need help to make the event a success for all students involved. In study events, coaches always need help with grading homework and quizzes, keeping order in class and preparing problems for students to solve.

[All students on the team will attend the San Diego Regional Competition on Sat Feb 9, 2019](#)

What are the expectations of students? All school rules apply to Science Olympiad, including attendance at all weekly meetings, completion of homework, good citizenship and sportsmanship, respect to coaches and fellow students, and no use of electronics during meetings.

Coaches will note attendance and citizenship, which may affect participation in the program and future competitions.

What is the cost? The suggested donation is \$100 which covers the cost of Marshall's registration in the competition, teaching supplies, building materials, and T-shirts and lunch for all students and coaches at the competition. Additional donations are welcome and needed, as we receive no funding from the district, school or PTSA. We operate purely through donations. Check if your company matches donations and volunteer hours. We will make accommodations in cases of financial hardship.

What is an invitational competition?

Science Olympiad Invitational Tournaments allow Science Olympiad teams to participate in tournaments that do not impact regional or state advancement or rankings but are often used as tryouts for team members and as preparation for teams that compete in regional, state or national tournaments. Across the country, many middle and high schools host these events to give teams a chance to perfect their devices, get a feel for the difficulty level of tests and labs, and see a real tournament in action. Sometimes, just being there to observe gives a coach the inside track to better coach a Science Olympiad team. Every little bit of context helps!

This year we are looking for secondary and tertiary competitions for students to participate before going to the San Diego Regional competition. As these invitationals approach, we will need parent volunteers for each to help organize.

What is the difference between the regional and the invitational competition?

Invitationals are hosted by different schools in the region and available slots are available to all interested schools. There is only one Regional competition that will be hosted in Carlsbad; all teams in San Diego will attend. Top scoring teams in the regional competition can go on to compete in the State competition.

What competitions must I attend if I sign up for Science Olympiad? All members of Marshall's teams must attend the Regional competition (February 9, 2019). Invitational competitions are highly recommended for the experience. After working, studying and building for 6 months, most students want to compete more than once.

When and where are the Invitational competitions? There will be competitions in December, and January leading up to the regional competition. As the deadlines approach we will be contacting you and your parents to gauge interest. These are located in San Diego and Orange county.

Although we are making our best efforts to take part in the Invitationals this year, we do not guarantee that all members of the Marshall's teams will be able to participate. We are providing as much information as we can at this time to help students and parents understand the time and effort commitment needed. As these invitational competitions are held by different educational institutions, we will do our best to keep you updated if there are any changes and will share more information as we near to the Invitational competitions.

It's going to be another fun year! If you have any questions or comments, please email marshallmiddlescioly@gmail.com.