



Marshall Middle School Science Olympiad 2019-2020



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

Please use our official email address. Contacting teachers, administrators, Head Coach or Co-Head Coaches at their personal emails or phone numbers regarding Science Olympiad enquiries is strongly discouraged.

Science Olympiad Regional Competition:

Saturday, February 8, 2019, 6:45am to 8:00pm

@ Miramar College

200 Miramar College Drwy, San Diego, CA 92126

All students on the Marshall team, alternates, coaches and parents are expected to attend the competition. Other students, friends and family are also welcome to observe and cheer on the Marshall team. This event is open to the public. It's going to be an AWESOME day!

Important Instructions

The competition will be ALL DAY LONG. There will be 45 teams for Division B from different schools and similar number for Division C = over 1500 kids participating! Wear your Marshall Science Olympiad t-shirt and know the schedule:

6:45am All students and parents should arrive at Miramar College. Allow time for traffic, parking and carrying items through the school. Check in with Marshall coaches at our team headquarters (Parking instructions and maps will be posted when they become available to us).

6:30am Head coach registers Marshall and receives EXACTLY 90 wristbands, one per student. Do not play with or remove your wristband. If you don't have a wristband, you can't compete. If you haven't checked in by 7:20, your wristband will be given to an alternate.

7:00am – 7:20am Impound for **Machines, and Mousetrap Vehicle**. Impound means these devices must be turned in so that they cannot be modified further. All other devices will remain at home base until it's time for the event.

EVENT SCHEDULE

7:30-8:30	8:50-9:50	10:10-11:10
Anatomy & Physiology	Disease Detectives	Crime Busters
Road Scholar	Meteorology	Experimental Design
Circuit Lab	Write It Do It	Ornithology

11:30-12:30	12:50 – 1:50	2:10-3:10
Dynamic Planet	Fossils	Code Busters
Heredity	Density Lab	Food Science
Machines	Water Quality	Reach for the Stars

Boomilever	
8:50-9:50 AM	Positron, Higgs Boson
8:50-9:50 AM	Lepton, Neutrino

Mousetrap Vehicle	
8:50-9:50	Positron
10:10-11:10	Higgs Boson, Lepton, Neutrino
12:50-1:50	Quark
2:10-2:30	Fermion

Mission Possible	
8:50-9:50	Positron, Lepton
10:10-11:10	Quark
11:30-12:30	Fermion
12:50-1:50	Higgs Boson, Neutrino

Elastic Launched Gliders	
10:10-11:10	Higgs Boson
11:30-12:30	Neutrino, Positron
12:50-1:50	Fermion, Lepton
2:10-2:30	Quark

Ping Pong Parachute	
8:50-9:50	Fermion, Quark
12:50-1:50	Lepton, Neutrino, Positron
2:10-2:30	Higgs Boson

This schedule is for Marshall only. Friends from other schools doing the same events may be placed in different time blocks.

Note that all testing blocks are one hour long, with a 20-minute passing period. You should have plenty of time to go from one event to the next.

Come back to team headquarters 10 minutes before your next event. Coaches will help you check that you have all necessary items, and you will all go to the event together.

Mousetrap Vehicles, Boomilever, and Elastic Launched Gliders, Ping Pong Parachute contestants: you can compete any time during this one-hour block, but it's best to go early since you might have to stand in line.

Mission Possible contestants: you will be there for the full hour. You will have the first 30 minutes to set up your device.

Room numbers and campus maps will be posted when they become available to us. Walk around the school with your partners so you know where all your events will be held.

Devices: Small devices and tool kits should be in boxes with lids. Large devices can be transported on wagons or carts. If you have one you can lend us, please sign up to bring it.

Goggles will be provided at Team Headquarters for Crime Busters, Experimental Design, Density Lab, Machines, Water Quality, Food Science, Mission Possible, Boomilever, and Elastic Launched Gliders. Email us if you need to borrow some now.

Binders, study guides, supplies, calculators, devices, backpacks, sweatshirts, water bottles and anything you bring should be labeled with "Marshall," your team name and your name. There will be hundreds of kids with hundreds of items that look just like yours.

Team Name and Number are as follows:

Team Name	Number
MMS Team Fermion	0031
MMS Team Higgs Boson	0032
MMS Team Lepton	0033
MMS Team Neutrino	0034
MMS Team Positron	0035
MMS Team Quark	0036

12:00pm Lunch (pizza) will be provided for families and coaches. If you are in a 12:30 event, we will make sure a parent or coach saves you some pizza. Lunch will be provided to the families however, if you have any dietary restrictions, please make necessary arrangements.

Look out for emails with links to SignUpGenius. We need parents to volunteer, both with events as well as at Team Headquarters, and to sign up to bring breakfast foods, drinks, snacks, canopies, tables, wagons, and other supplies. Throughout the day, parents will help to keep headquarters running: restocking items, helping kids gather supplies, escorting them to events and greeting them afterwards. Bring fold up chairs so you can relax and take a nap too.

Got time between events? Watch events that allow observers. Get some ideas for next year. Bring footballs, basketballs, frisbees, cards and games. Visit with friends from other schools. Make new friends. You could meet again in summer camp, high school, college or work!

3:30pm Events end. Clean up Team Headquarters. Get something to eat. Take everything back to your car. We will take group pictures for the school's magazine before going to the gym. Please be

available at Marshall's basecamp so we don't miss anyone. **Some people will need to move into the gym to start saving seats for the Final Event.....**

6:00pm Awards ceremony will run 2 hours, so be prepared with water and plenty of patience. For each of the 23 events, awards will be given out for places 10 through 1. Remember to show respect and good sportsmanship. It's impossible for everyone to get an award, and everyone will have worked as hard as you did. While it's natural to feel triumphant or disappointed, be a gracious winner and a good loser. No booing, boasting or complaints. Parents – that includes you!

RULES

Any Marshall student, parent or coach who violates any of the rules puts our entire school at risk. Not only could you be disqualified, but depending on the organizers' decision, **YOUR ENTIRE TEAM OR THE WHOLE SCHOOL CAN BE DISQUALIFIED!** Do NOT under any circumstances approach an official or coach/parent/student from another school. If you suspect cheating or foul play, bring all concerns IMMEDIATELY to Smita.

NO CELL PHONES OR SMART WATCHES ARE ALLOWED IN ANY TESTING AREA. Kids, leave your cell phones and smart watches with your parents so you don't accidentally take it into a test room. Carrying a phone or a smart watch is considered cheating.

Most events cannot be observed. Kids will enter the testing room at the beginning of the hour, and come out at the end of the hour. Parents, coaches and other students cannot call out to the contestant once they have entered, or try to look through a window, even if they have forgotten something.

A few build events such as Mousetrap Vehicle, Ping Pong Parachute, Boomilever and Elastic Launched Gliders CAN be observed. It's a lot of fun to sit in the stands, watch other teams and cheer for Marshall. However, there is strictly NO COACHING. Parents, coaches and other students: do not call out to the contestants with reminders or instructions. Do not talk to them in any other language, including sign language. Any attempt to communicate with competitors will be interpreted as coaching.

Parents, coaches, students: if you see anything wrong, such as cheating or bending of rules, do not approach an Event Captain, event volunteer, or coach, parent or student from another school. Report all concerns to Head Coach Smita Sinha, who will bring it to the attention of the officials.

All students, parents and coaches representing Marshall are expected to adhere to the Science Olympiad Code of Ethics:

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.

And again, in case you missed it: Any Marshall student, parent or coach who violates any of the rules puts our entire school at risk. Not only could you be disqualified, but depending on the organizers' decision, **YOUR ENTIRE TEAM OR THE WHOLE SCHOOL CAN BE DISQUALIFIED!** Please stop before you approach an official or a coach, parent or student from another school. If you suspect cheating or foul play, bring all concerns IMMEDIATELY to Smita.

Thank you for making Science Olympiad a positive experience for everyone involved!