

MARYLAND SCIENCE OLYMPIAD STATE TOURNAMENT – VOLUNTEER SEMINAR



APRIL 16, 2023

Seminar Ground Rules



- Cameras off and muted please!
- If you have questions, please post in chat

We're Recording this Video!

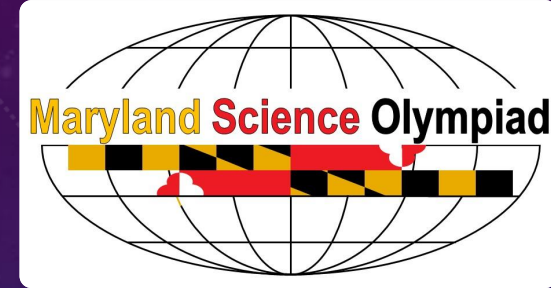


➤ Will post to MSO Youtube account in ~24 hours

- Link will be directly emailed
- Our Youtube page:

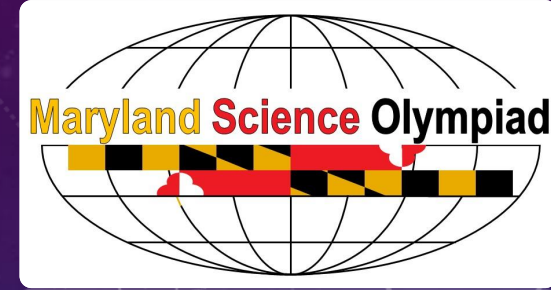
<https://www.youtube.com/@marylandscienceolympiad2736>

MSO's Two Driving Factors



- 1) Promote positive educational experiences for students in STEM
 - **YOU are the front line for this!!**
- 2) Run competitions with purpose of ranking and advancing highest performing teams

Complete Screening!



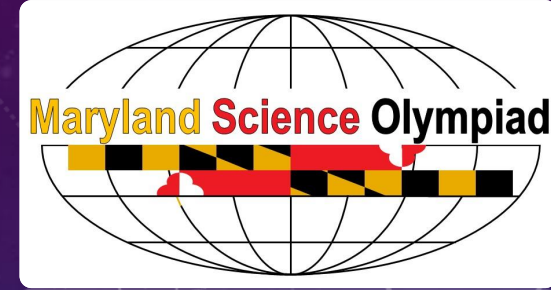
- Our sponsors at JHU are requiring additional JHU-specific background checks starting this year for all volunteers
- Make sure to complete:
 - 1) Signup at <https://jhu.givepulse.com/event/342484> (ended)
 - 2) Background check (hopefully you have already!!)
 - 3) Online child safety training module (<1 hour)
- ***If you do not complete these, you cannot volunteer!***
- Screening good for 5 years

Confirming Volunteer Assignment



- You will receive 'final' email indicating your screening has been completed
- This week: Tues 4/18, event assignments will go out
 - Note: receiving a tentative assignment does NOT mean screening is necessarily complete
- Once you've received your assignment, be sure to confirm using indicated method

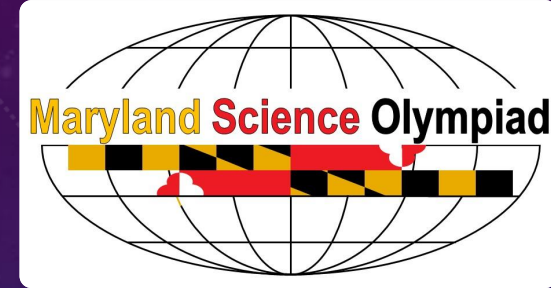
Tournament Documents



- Posted:
 - Campus map
 - Tournament schedules
 - Coach FAQ (includes bus info, parking, food, etc.)
 - Team numbers and homerooms

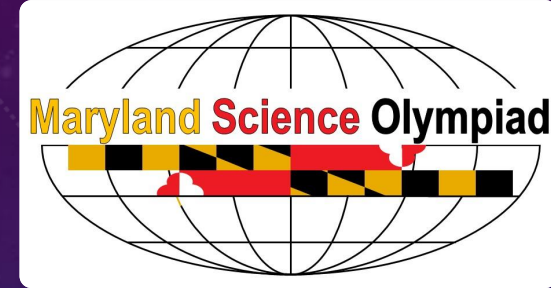
- All can be found on <https://scilympiad.com/md> under Resources -
 - > Tournament Documents

Volunteer Duties- Prior to Event



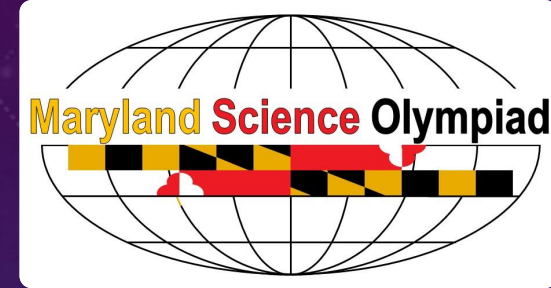
- Read and understand event rules
 - Including FAQ and rules clarifications!
 - Event rules: <https://www.soinc.org/rules-2023>
 - Rules clarifications: <https://www.soinc.org/events/rules-clarifications>
 - FAQ: <https://www.soinc.org/events/frequently-asked-questions>
- Communicate with ES (and ES, communicate with your volunteers)
 - Share test and logistics if desired
- Reminder you are the “expert” representing your event!

Volunteer Duties- Arrival



- Arrive minimum 30 mins before assigned event at checkin
 - Note, need to be at event space 30 mins ahead of time block, allow for parking/walking time!
 - 45+ min if event supervisor!
- Check in at event headquarters (Glass Pavilion)
- Receive FREE volunteer T-shirt!

Volunteer Duties- Never Alone Policy




- Two volunteers (adults) should be always in the room with volunteers
- Volunteers should never be alone with students

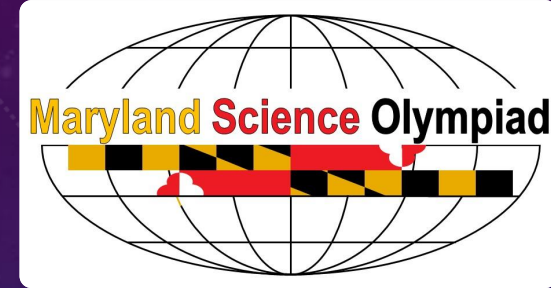
Event Schedule



- Div. C 2023 State schedule (see online for Div. B)
- Note multiple iterations of same event for most events
- Events with "signup"- roster of team signups will be provided with event packet for ESs
- Scores for each event are due 2 hours after event ends
- ESs: Check if your event is an "impound"! We need volunteers during that time!

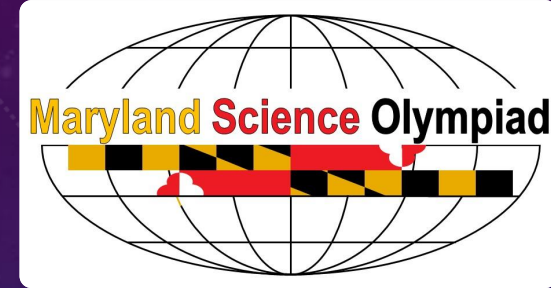
MARYLAND SCIENCE OLYMPIAD STATE TOURNAMENT 2023 APRIL 22, 2023 JOHNS HOPKINS UNIVERSITY								
DIVISION C (v. 2023-04-10)								
Events	Location	Registration Impound (7:15-8:15)	1 (8:30-9:20)	2 (9:30-10:20)	3 (10:50-11:40)	4 (11:50-12:40)	5 (1:10-2:00)	6 (2:10-3:00)
Cell Biology C	Olin 305		1-12	13-24				
Environmental Chemistry C	UTL 296		1-12	13-24				
Experimental Design C	Shaffer 301		1-12	13-24				
It's About Time C	Hodson 303, 305	IMPOUND	13-24	1-12				
Remote Sensing C	Shaffer 2		13-24	1-12				
Write It Do It C	Hodson 311, 313, 315, 316		13-24	1-12				
Chemistry Lab C	UTL 298				1-12	13-24		
Disease Detectives C	Croft B32				1-12	13-24		
WiFi Lab C	Hodson 213				1-12	13-24		
Detector Building C	Hodson 203				13-24	1-12		
Dynamic Planet C	Olin 305				13-24	1-12		
Green Generation C	Hodson 210				13-24	1-12		
Botany C TRIAL	Hodson 301				ALL			
Astronomy C	Hodson 210						1-12	13-24
Codebusters C	Croft Hall B32						1-12	13-24
Forestry C	Hodson 301						1-12	13-24
Anatomy & Physiology C	Shaffer 301						13-24	1-12
Fermi Questions C	Shaffer 304						13-24	1-12
Forensics C	UTL 286						13-24	1-12
Rocks & Minerals C	Olin 305						13-24	1-12
Bridge C	Goldfarb Gym		8:30 - 11:30am SIGNUP					
Flight C	Back Gym		8:30 - 11:30am SIGNUP					
Scrambler C	Back Gym	IMPOUND				12 - 3pm SIGNUP		
Trajectory C	Goldfarb Gym	IMPOUND				12 - 3pm SIGNUP		
Ping Pong Parachute C TRIAL	Goldfarb Gym					12 - 3pm SIGNUP		
AWARDS BEGINS AT 5:15 - Goldfarb Gymnasium **Values in each time slot correspond to assigned team number**								
UTL - Undergraduate Teaching Laboratory								
Team numbers were assigned in March Signup - Event signup in Mar. 2023								

Volunteer Duties- Team Checkin (Pt 1)



- Check in student teams against team roster
 - Add checkmark on master scoresheet
 - Place team sticker on test, provided in event packet
- Note on team stickers:
 - We use the team sticker sheet as a cross-check of who participated and who didn't
 - Do NOT pre-load tests with stickers, ONLY add them as teams arrive

Volunteer Duties- Team Checkin (Pt 2)

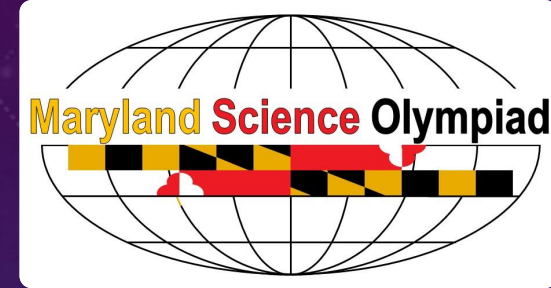


- Check wristbands on all students
 - “Trial events” are exempt from wristband policy
 - Students may impound without wristbands
 - Team number should be written on wristband if needed

- Note on wristbands:
 - Must be on wrist!
 - If student says they lost wristband or it broke, send them to their coach or to HQ...only tournament officials may replace wristbands

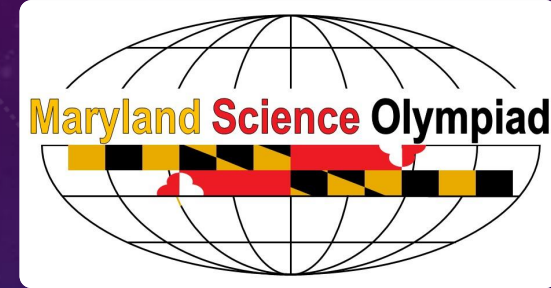
- Check resources students are bringing for event, make sure allowed by the rules
 - If needed, make sure students comply with needed safety rules (goggles, lab coats, shoes, etc.)

Volunteer Duties- Team Checkin (Pt 3)



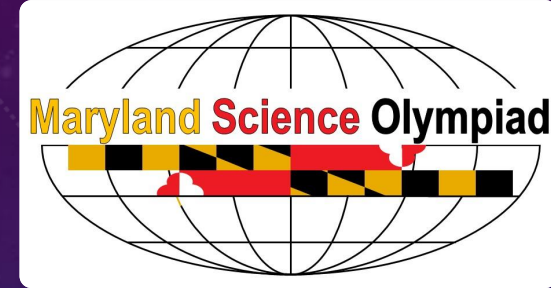
- Assign seats and/or separate teams as far away from each other as reasonable
 - Separate students from same school but different teams (ex. A team, B team)
- Only students & volunteers may be in test room when event begins
 - No parents or mentors
- When ready, begin the event
 - Note start and end times, preferably on a board in the room
 - Volunteers may choose to give time updates as needed

Volunteer Duties- Event Timing



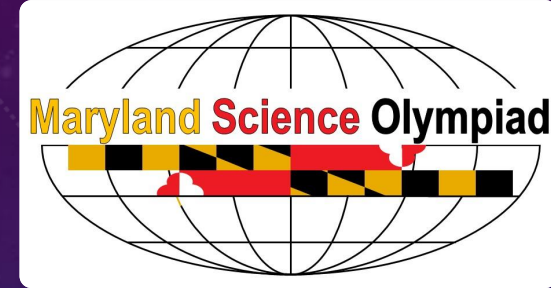
- Teams running late do NOT get extra time
 - Extra time may ONLY be approved by tournament officials
 - No one should be turned away, the team just receives what time remains
 - Students whose partners are running late are encouraged to start test before partner arrives as able – they don't get extra time for waiting!

Volunteer Duties- Monitoring



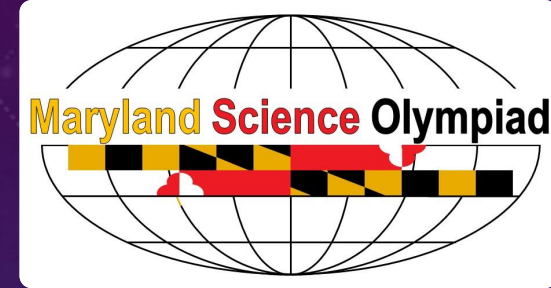
- Monitor students to make sure no one is cheating, having issues, etc.
 - Be fair in answering student questions – give no extra help to specific teams
 - “All the info is in the test” is a fair answer
 - If issue with test is identified, announce to all teams, put a note on the board, and make sure all sessions receive the info
 - When in doubt, ask ES if the help requested or answer is fair to give

Volunteer Duties- Extra Resources



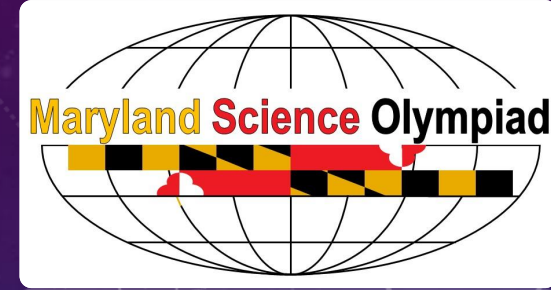
- Event supervisors and volunteers may NOT provide resources to teams outside of what is in rules or given to all teams
 - Calculators – NO
 - Protection equipment (ex. Goggles) – NO
 - Pens/pencils – at discretion
- Students may leave to obtain missing items (no extra time!)
- Students may choose to share materials with competitors from other teams

Volunteer Duties- Multiple Sessions



- All sessions of an event should be run as identically as possible
 - If 1st group loses 5 mins for some reason, all subsequent blocks should be decreased by 5 mins
 - Materials- all students get same materials in same conditions across events
- Goal is fairness

Volunteer Duties- Signup Events



- Signup event schedules will be provided in the ES packet at event checkin
- Signups are meant to indicate “priority” for events
- ESs have the ultimate say in who runs when
- Teams without a signup may compete as a “walk-in”
 - We ask ESs to accommodate “walk-in”s as able, but adhere to “priority” signups first

Volunteer Duties- Build Events



- ESs: Check if your event has a digital scoresheet! You may need to bring computer to run scoresheet!

Bridge Event Scoresheet - 2023									
Last Updated: 11/19/22 Make sure to check soinc.org/scoresheets for the latest version									
Final Score									
Final Ranking									
Rank Team Team Name Tier Score									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

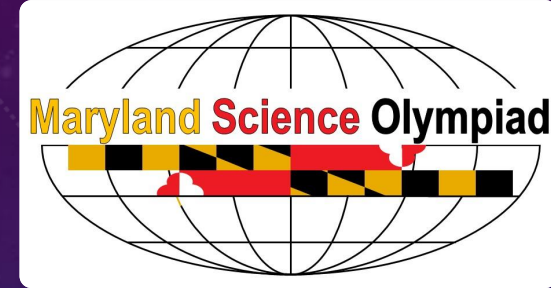
- Link to scoresheets:

<https://www.soinc.org/scoresheets>

- Scoresheet notes:

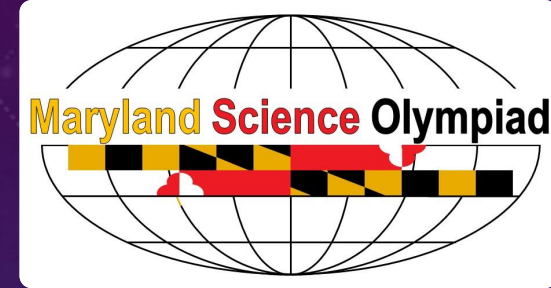
- Test scoresheet before arriving!
- Score only calculates if team name is present!
- The column numbers should match up with team numbers! (Don't input in run order!)

Tournament Day- Reporting Issues



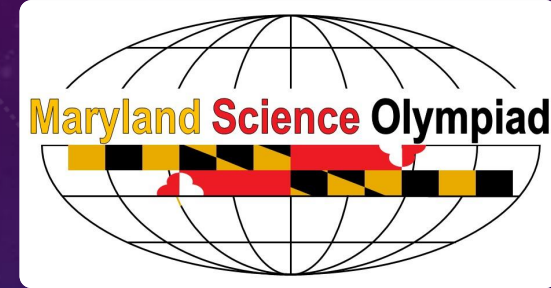
- POC document will be provided
 - POC located in each key building (ex. UTL labs, gym)
 - Can always call Robert or Daniel or Bailey
- Can physically come to Glass Pavilion
- ESs: if appeal is filed for your event, scoring room will need to contact you...please be available by phone for a couple hours after your event

Volunteer Duties- Grading



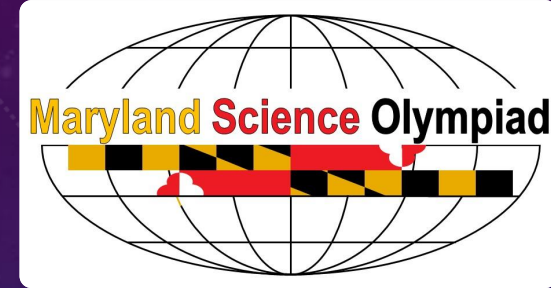
- Recommend grading in Great Hall (next to Levering)
 - Lunch will be nearby!
- Grading should be done fairly and symmetrically
 - Refer to grading rubric for how points should be assigned
 - For open ended questions, the same person can grade a particular question, or at least discuss/compare grading
- Events are expected to be graded within 2 hours of the event completing
- Grade as you go!
 - Don't wait until end of event to start grading...if you have the volunteer help, have them start in the second event block or as able!

Volunteer Duties- Grading Rules



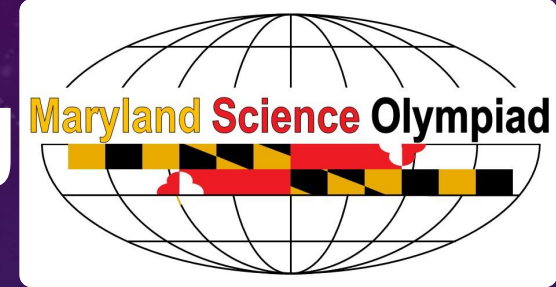
- NO TIES are allowed in Science Olympiad (...usually)
 - Refer to test tiebreakers as needed to break ties
 - Otherwise, come up with method and break as fairly as possible
- Easy example tiebreakers :
 - Score on a part of the test
 - Score on a particular question

Volunteer Duties- Grading Notes



- Make very clear how points are being assigned for each question!
 - Add points for correct answers instead of subtracting points! (E.g. +2 instead of -3)
 - MC: have standard notation of “right” and “wrong” among each event!
 - Add notes! Tell us why a written answer gets ‘X’ points!
 - Add point totals for page at the bottom of each page!
- ESs: be sure to audit the grading of your fellow volunteers!
- Scoring room needs to understand how points are awarded!

Volunteer Duties- Finalizing Grading



Maryland Science Olympiad State Tournament 2022

Event Score Summary Sheet Division C

NAME OF EVENT: _____

Print Event Supervisor Name _____

Cell Phone where you can be reached today: _____

Event Supervisor Signature: _____

For this event: High score wins ☐

Low score wins ☐

Tiered event? Yes ☐

Score Sheet Instructions:

1. Bring materials and exams to the **SCORING AREA** in **FRESHMAN ANNEX** for grading.

2. Transcribe **Raw Scores** to the Score Summary Sheet on reverse side.

- If school honestly tried to Participate, but did not score
 - Enter **P** in comments, 0 for score
- If school **Did Not Participate**
 - Enter **DNP** in comments, 0 for score
- If school was **Disqualified** for behavior or poor sportsmanship,
 - Enter **DQ** in comments, 0 for score

Status	Score
Participation (P)	0
Did not participate (DNP)	0
Disqualified (DQ)	0

If you have any disqualifications, call **Robert Bruce at 973-362-5836 ASAP**, because coaches must be notified.

3. For tiered build events ONLY, enter Tier (1,2,3,4) on the summary sheet, otherwise leave blank.

4. Place all tests in **RANK ORDER** (first to last). **All ties must be broken.**

- Write the **RANK** on each exam.
- Use tie breakers stated in rules and/or on exam to break any ties between schools.
- If multiple teams have the same raw score, write in the comments section:
 - Tie: A for the team winning the tie breaker.
 - Tie: B for team in second place, Tie: C for team in 3rd place, etc. (See example)
 - Write the specific tie breakers used on the exams.

TEAM #	TEAM NAME	Comment / Tie?	Tier	Raw Score
1	Example Team 1	Tie: A		85
2	Example Team 2	Tie: C		85
3	Example Team 3	Tie: B		85
12	Example Team 12	Tie: A		84
13	Example Team 13	Tie: B		84

Team #	Team Name	Comment	Tier	Score
C01	Atholton HS			
C02	Baltimore City College			
C03	Baltimore Polytechnic Institute			
C04	Centennial HS			
C05	Chesapeake Science Point Charter			
C06	Damascus HS			
C07	Dulaney HS			
C08	Eleanor Roosevelt HS			
C09	Franklin HS			
C10	Howard HS			
C11	James M. Bennett HS			
C12	Marriotts Ridge HS			
C13	Montgomery Blair HS			
C14	Mt. Hebron HS			
C15	Oakland Mills HS			
C16	Poolesville HS			
C17	Reservoir HS			
C18	Richard Montgomery HS			
C19	River Hill HS			
C20	Thomas S. Wootton HS			
C21	Urbana HS			
C22	Walter Johnson HS			
C23	Winston Churchill HS			
C24	Worcester Tech HS			

➤ Write final scores on “score summary” sheet

➤ “Score” is final score

➤ “Tier” is only for events with specific tiers

➤ If team did not compete, write “NS” in score line

➤ If “P” or “DQ”, write in score line

➤ If tiebreaker used, add who won the tie in “Comment”

Volunteer Duties- Finalizing Grading



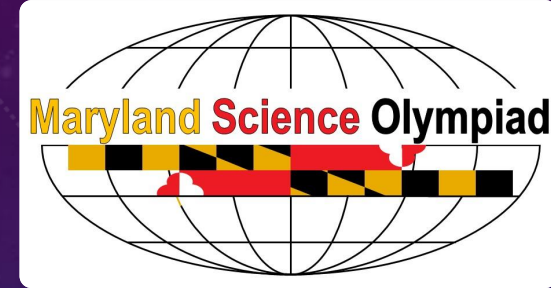
- Write final scores on “score summary” sheet
- Tests should be placed in RANK ORDER within event packet
- Event Supervisor should bring all tests, score summary, and other materials to HQ when complete
- Tournament officials will review the event (“Score Counseling”) with you, then ask you to assist with score entry
 - Please allot time for this to happen!

Volunteer Duties- Checkout



- Volunteers should check-out at the end of their event/shift at the Glass Pavilion
 - Can track volunteer hours if needed

Volunteer Duties- Other Notes



- Be sure not to discuss student performances around students and while the event is still running
 - Remember: goal is to be encouraging!
 - Grading in Great Hall will mitigate this
- Lunch will be available starting at 11:30am!
- WiFi available: JHUGuestnet

Volunteer Duties- Last Notes



➤ Thank you all SO MUCH for helping us!