



# ***Welcome Coaches!***

Please make sure to sign in and let us know your name, school, and email address

If you are new to Science Olympiad or your email has changed, let us know



## ***Tonight's agenda...***

**7:00 Welcome and Introductions**

**7:10 Science Olympiad 2023/4 Info**

- 2023/4 Events
- Important Dates/Calendar
- Registration
- Invitational Tournaments
- Final Registration
- Macomb SO Tournament
- Advice from veteran coaches
- Q & A



Elementary



Secondary



Macomb



Michigan



National

# 2024 Events

## Science Olympiad Events for 2024



Life, Personal & Social Science-5	Earth & Space Science-5	Physical Science & Chemistry-5	Technology & Engineering Design-4	Inquiry & Nature of Science-4
<b>Division B Events</b>				
<b>Anatomy &amp; Physiology</b> (Cardiovascular, Lymphatic, Excretory) <b>Disease Detectives</b> <b>Ecology</b> (Tundra, Taiga and Deciduous Forests) <b>Forestry</b> <b>Microbe Mission</b>	<b>Dynamic Planet</b> (Earthquakes/Volcanoes/ Plate Tectonics) <b>Fossils</b> <b>Meteorology</b> (Severe Storms) <b>Road Scholar</b> <b>Reach for the Stars</b>	<u>Physics</u> <b>Air Trajectory</b> <b>Optics</b> <b>Wind Power</b> <u>Chemistry</u> Can't Judge a Powder Crime Busters	<b>Flight</b> <b>Roller Coaster</b> <b>Tower</b> <b>Wheeled Vehicle</b>	<b>Codebusters</b> <b>Experimental Design</b> <b>Fast Facts</b> <b>Write It, Do It</b>
<b>Trial Events</b>	Aerial Scramble, Agricultural Science, Botany, Digital Structures, Home Horticulture, Mission Possible, Solar Power, Write It CAD It			
Life, Personal & Social Science-5	Earth & Space Science-4	Physical Science & Chemistry-6	Technology & Engineering Design-4	Inquiry & Nature of Science-4
<b>Division C Events</b>				
<b>Anatomy &amp; Physiology</b> (Cardiovascular, Lymphatic, Excretory) <b>Disease Detectives</b> <b>Ecology</b> (Tundra, Taiga and Deciduous Forests) <b>Forestry</b> <b>Microbe Mission</b>	<b>Astronomy</b> <b>Dynamic Planet</b> (Earthquakes/Volcanoes/ Plate Tectonics) <b>Fossils</b> <b>Geologic Mapping</b>	<u>Physics</u> <b>Air Trajectory</b> <b>Optics</b> <b>Wind Power</b> <u>Chemistry</u> Chem Lab (Periodicity & Equilibrium) Detector Building Forensics	<b>Flight</b> <b>Robot Tour</b> <b>Scrambler</b> <b>Tower</b>	<b>Codebusters</b> <b>Experimental Design</b> <b>Fermi Question</b> <b>Write It, Do It</b>
<b>Trial Events</b>	Aerial Scramble, Agricultural Science, Botany, Cybersecurity, Digital Structures, Home Horticulture, Mission Possible, Solar Power, Write It CAD It			



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# 2023 New Events

## ■ Division B

- Air Trajectory
- Ecology
- Fossils
- Microbe Mission
- Optics
- Reach for the Stars
- Towers
- Wind Power

## ■ Division C

- Air Trajectory
- Ecology
- Fossils
- Geologic Mapping
- Microbe Mission
- Optics
- Robot Tour
- Towers
- Wind Power



# *Macomb Tournament...*

## ■ Division B – Events for Alternate Teams

- Air Trajectory
- Anatomy & Physiology
- Code Busters
- Disease Detectives
- Dynamic Planet
- Ecology
- Fast Facts
- Flight
- Fossils
- Meteorology
- Optics
- Reach for the Stars
- Road Scholar
- Wind Power
- Roller Coaster
- Towers
- Wheeled Vehicle

Tentative – Final list will be distributed



# *Macomb Tournament...*

## ■ **Division C – Events for Alternate Teams**

- Anatomy & Physiology
- Astronomy
- Codebusters
- Detector Building
- Disease Detectives
- Dynamic Planet
- Ecology
- Fermi Questions
- Flight
- Geo Mapping
- Optics
- Robot Tour
- Scrambler
- Towers
- Wind Power

Tentative – Final list will be distributed



# ***Macomb Tournament...***

## ■ **Noted Draft Schedule Differences:**

Both Divisions:

- Disease Detectives will be run first thing in morning for all teams (vs two set blocks during day)
- Experimental Design will have three blocks (vs 2)
- Self Schedule events may be run for ½ day instead of full day

Tentative – compare final schedules for changes



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# Important dates...

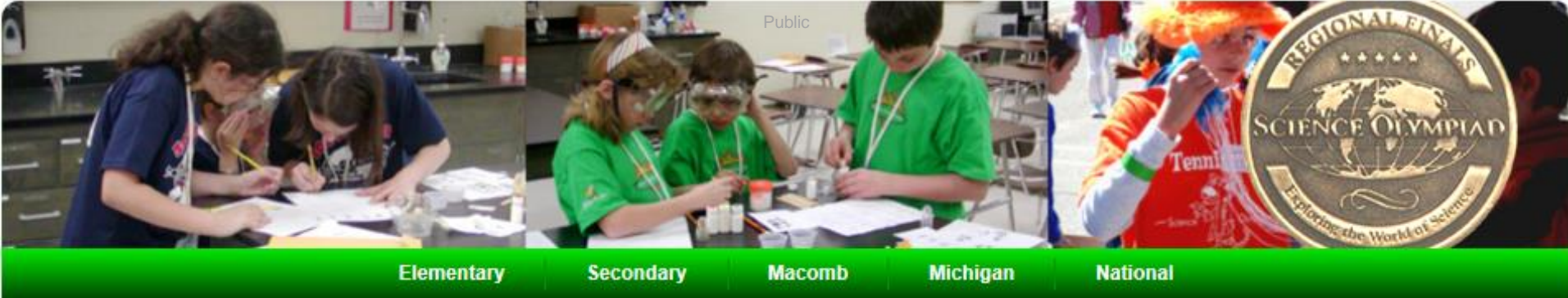
- 11/4/23 State Coaches Clinic - Virtual
- 12/13/23 Event Extravaganza
- 12/16/23 **State/Regional Registration Payment Due Date (\$250/100)**
- 12/16/23 Region 7 Workshop at South Lake
- 12/31/2023 **NDIA Sponsorship Application deadline**  
<https://ndia-mich.org/app/stem/sponsorship.php>
- 1/20/24 Rotating State Workshop at South Lake
- 2/10/24 Region 7 Workshop at South Lake
- TBA Region 7 Final Registration – Team rosters due / signatures by **TBA**
- TBA** Self Schedule will open
- 3/16/24 Region 7 Tournament – Macomb CC South Campus
- 5/4/24 Michigan Sci Oly State Tournament – **Western Michigan University**
- 5/24-25/24 National Tournament – Michigan State

Regional Workshops will be done on Saturdays Dec 16, Jan 20, and Feb 10

Keep an eye out for specific event announcements

Periodically check the calendar on Website





# Registration...

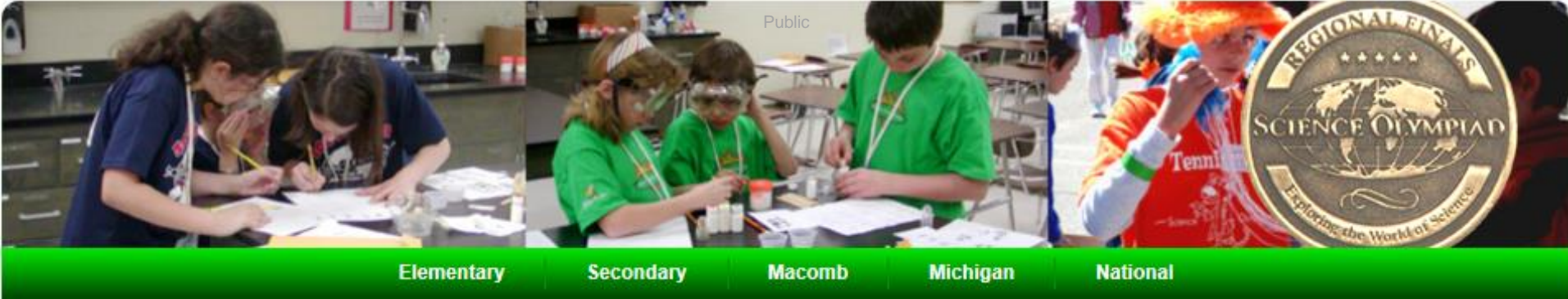
- Michigan State Online Registration Site

<https://misciol.org/registration>

\$250 Team state registration fee for main teams and \$100 for alternate teams

- Covers National fee & Insurance
- **Electronic Rule Books** are available at the National website, soinc.org.
- **Fee must be received by 12/16/23. Late fee will be assessed**
- General Motors has generously supported Region 7 SO
  - 60% discount – no coupon code required
- Registration fee \$50 for regular team
- Fee is \$10 for alternate team
- Registration kits will be provided to all primary teams

All teams must be registered with region & state to participate in invitational or regional tournaments



# Resources...

## ■ Coaches Corner and Discord

- Corner has already started recording on state website
- Informal mentoring sessions
- Coaches, Event supervisors, Regional Directors, etc are all potential hosts / guests
- Virtual
- No fee
- Especially useful for new coaches

<https://misciol.org/coaches-center>



## *Resources...*

- **Michigan State Coaches Clinic – Nov 4, 2023**
  - Virtual
  - National, State and local supervisors will present information and resources for B and C events
    - <https://misciololy.org/workshops>
  - **No fee**
  - Multiple events during same timeslots, so use event coaches or students to cover some events



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## *Resources...*

- **Region 7 Event Extravaganza -- Dec 13, 2023**
  - South Lake High School (in-person)
  - Sessions tentatively scheduled to begin at 6:30 pm
  - Intent to cover all B and C events
  - Free to region 7 teams
  - Sessions will run concurrently. Bring enough (suggest at least four total) event coaches to be able to cover all. High school students may attend if self coached.



## Resources...

- Rulebooks can be downloaded for free from National website (soinc)
- Macomb Website:
  - Coaches handbook
  - Calendars
  - FAQ's
- Michigan State Science Olympiad Website: <http://misciololy.org/>
  - Check out the new website!
- National Website: <https://www.soinc.org/> and [https://scioly.org/wiki/index.php/Main\\_Page](https://scioly.org/wiki/index.php/Main_Page)



## ***Invitational Tournaments...***

- 11-4 to 11 Rickards Division B/C – Satellite Format
- 11-11 Hawk & Hornet Invitational – Individual events \$10
- 1-20 Cobra Invitational – Birmingham
- 1-27 Haslett Invitational
- 2-3 Eagle Division B- Frankenmuth
- 2-3 Plymouth-Canton Invitational
- 2-10 Eagle Division C - Frankenmuth
- 2-10 Great Lakes Invitational (Div B)
- 2-17 UMSO Invitational (Div B/C)
- 2-24 Holt Invitational (Div B)

A special “Battle of the States” invitational is again being arranged for 2023! - Scilympiad

Check State Website for complete list

<https://misciol.org/invitational-tournaments> for updates



## ***Final Registration...***

- Final registration occurs a few weeks before the regional tournament
- A team roster with the names of the students (up to 15) participating is submitted
  - The forms may be online this year, and will include the Macomb waiver.
  - You need the parent e-mail – collect those now!
- Keep an eye out for more details



## ***Macomb Tournament Schedule...***

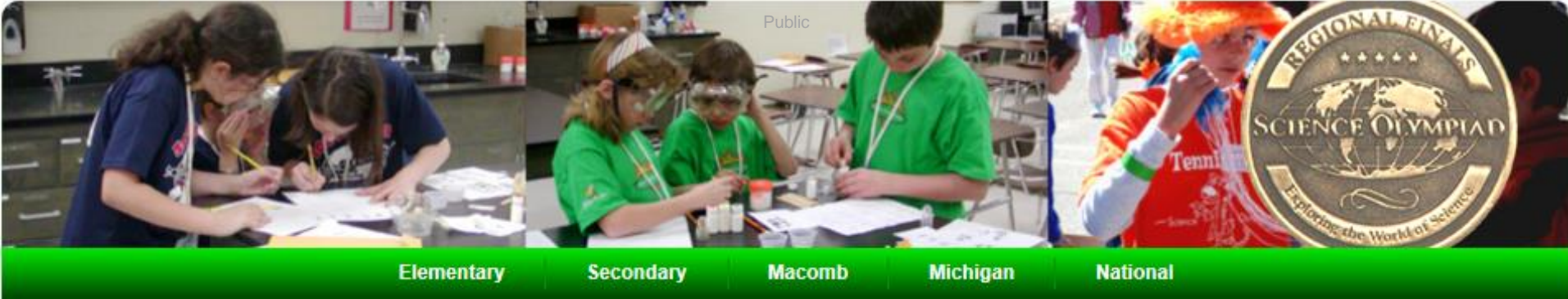
- Conflicts will generally match National suggested schedule with some adjustments
  - Disease Detective will be run early morning session
  - Bridges, vehicles, and flight events will be limited to half day Self Schedule
- Region 7 draft schedule will be released before the end of the year
- The draft will be released shortly for the Michigan State Tournament at <http://misciol.org/state-tournament/>
- We will use an online scheduling program again this year for the self schedule events. You will not be given a password until your final registration is complete





## ***Macomb Tournament...***

- Your team number will be distributed after your payment has been received and processed (give us some time with this)
- For inclusion in the award ceremony, take your team picture and email it to [simmykvw@yahoo.com](mailto:simmykvw@yahoo.com)
- Read rules (and re-read) for allowed resources – 1 sheet per team, 1 per person, etc., binders, allowed materials during competition.



## ***Macomb Tournament...***

- Holding rooms will be made available upon request and space permitting
  - MCC will have some building under construction (again)
- Volunteers are critical to the success of our tournament. We can't run without them!
  - Each team is responsible for providing volunteers for competition day—ask your parents now.
  - In addition, some of the events still need supervisors. Please speak to any board member if you know of anyone who may be able to help.



## ***Mentoring... 2024 ideas***

- Advice from veteran coaches – What should a new coach be sure to do?
  - Use Remind 101 or text or email the students the night before to remind them of the tournament.
  - Consider parental commitment/availability when choosing team
  - Meet the kids for breakfast on tournament day
  - Make detailed schedules for each kid and parent with map on back. Include items they need to bring
  - Meet with team and at least one parent one evening the week before tournament to set expectations.



## *Mentoring... 2024 ideas*

- Advice from veteran coaches – What should a new coach be sure to do?
  - Make sure the team knows it's Macomb **South** Campus
  - Email Kimberly Popso ([simmykvw@yahoo.com](mailto:simmykvw@yahoo.com)) with questions.



## *Mentoring... 2024 ideas*

- Advice from veteran coaches – What should a new coach be sure to do?
  - Start build events early
  - Have parent coaches at first meeting and make sure they fully understand everything that's expected of them as coaches.
  - Read rules multiple times and check state and national SO websites for rule clarifications and FAQ's.
  - Make sure your team arrives early to competitions to get wristbands and items to impound. If there's a problem with an item at impound, they may be able to fix it before the end of impound.



## *Mentoring... 2024 ideas*

- Advice from veteran coaches – What should a new coach be sure to do?
  - Make sure your team has the proper safety clothing and eyewear. No short lab coats or aprons; must have indirect vents on goggles.
  - Involve parents from the beginning and make sure they know expectations
  - Check schedule when it's released and make sure don't assign a student to prepare for events that will be at the same time.
  - Participating in an invitational helps get your team going earlier.



## *Mentoring... 2024 ideas*

- Advice from veteran coaches – What should a new coach be sure to do?
  - Put rules questions in team tryout test, or in event practice tests
  - Plan ahead for how many 9<sup>th</sup> graders are allowed on B team, or 12<sup>th</sup> graders on C team
  - Have students turn cell phones off and give to parents on tournament day.
  - Food at practice sessions is a plus for students.



Elementary



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# Q & A