

**Event Notes for Coaches and Event Supervisors**  
**Region 12 Tournament - Michigan Science Olympiad**  
**Grand Valley State University - March 21, 2026**

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**RULE CLARIFICATIONS**

Event Supervisors will monitor the official [National Science Olympiad Rules Corrections](#). You may submit a question on this site. The Region 12 Tournament considers Clarifications/Corrections issued prior to February 27, 2026, to be the official rules. For additional information visit: [www.soinc.org](http://www.soinc.org).

**ALL EVENTS**

Check our website at [www.gvsu.edu/msor12](http://www.gvsu.edu/msor12) for all **Region 12** Michigan Science Olympiad information and updates. Please note the following:

- Students are expected to be on time for their events.
- Only current team members or alternates must construct all devices.
- **BYOG: Bring Your Own Goggles** – Follow the **Eye Protection Guide** in the Rules Manuals.
- Make sure students are dressed in appropriate safety attire for events calling for protective items.
- Please remind students to **take all their equipment or devices** with them after they have finished competing unless they anticipate going to arbitration.

<b>Chemistry Lab - C</b>
<ul style="list-style-type: none"><li>▪ To maintain fairness and safety for all participants, additional outside lab equipment <b><i>cannot</i></b> be brought into the event. <b><i>Teams should not</i></b> bring the large kit of glassware and lab equipment listed in the Rules Manual. Teams who bring additional equipment will be asked to leave it outside of the event upon entry. Any equipment brought by teams and left outside in this way will not affect that team's score for the event.</li><li>▪ <b><i>Teams are responsible for their own protective equipment</i></b> including lab coats and goggles.</li><li>▪ If they wish, teams may bring an 8.5" x 11" sheet of paper with notes on both sides and should bring calculators &amp; writing utensils, as described in the event rules.</li></ul>
<b>Dynamic Planet – B &amp; C</b>
<ul style="list-style-type: none"><li>▪ Event will be entirely paper and pencil based.</li></ul>
<b>Codebusters – B &amp; C</b>
<ul style="list-style-type: none"><li>▪ Bring at least two pencils, and at least one class I calculator. Please leave all cell phones and smart watches in your bags.</li></ul>
<b>Entomology – B &amp; C</b>
<ul style="list-style-type: none"><li>▪ Events will run in stations with timed rotations.</li></ul>
<b>Helicopter B &amp; C</b>
<p><b><u>Corrected Rule:</u></b> 3.f.(sentence 1) The helicopter may use up to three fixed pitch rotors.</p>
<b>Hovercraft C</b>
<ul style="list-style-type: none"><li>• Non- carpeted smooth floor.</li></ul>

<b>Materials Science - C</b>
<ul style="list-style-type: none"> <li>Each participant must bring one 8.5x11 sheet of blank scrap paper, calculator, writing utensil, lab safety goggles, and an N95 mask. All other materials will be provided. The type of flooring that pucks will be tested on is concrete. N95 masks and goggles must be worn by all participants and observers for the puck drop test.</li> </ul>
<b>Robot Tour</b>
<ul style="list-style-type: none"> <li>Event takes place on a wood floor, like a basketball court.</li> <li><b>Corrected Rule:</b> 5.h.ii. No 2x4 Obstacle Penalty: 50 points added to all Run Scores when a team chooses to run <b>without</b> the 2x4 Obstacles.</li> </ul>
<b>Machines B &amp; C</b>
<ul style="list-style-type: none"> <li><b>Corrected Rule:</b> 6.c. Time Score (TS) = ((240-team's part II <b>Device Test</b> time in seconds)/240)x 15 points</li> </ul>
<b>Metric Mastery B</b>
<ul style="list-style-type: none"> <li><b>Corrected Rule:</b></li> <li>4.d.iii.(three point scoring example) For three points: within-0.17: 13.28 cm x 22.15 cm = 294.2 cm<sup>2</sup>, within +0.17: 13.62 cm x 22.49 cm = 306.3 cm<sup>2</sup>.</li> <li>4.d.iii.(one point scoring example) For one point: within-0.22: 13.15 cm x 22.10 cm = 290.6 cm<sup>2</sup>, within +0.22: 13.67 cm x 22.54 cm = 308.1 cm<sup>2</sup>.</li> <li>4.d.iii.(range bullet) Measurements outside the range 292.4 cm<sup>2</sup> to 308.1 cm<sup>2</sup> will receive zero points</li> </ul>
<b>Mission Possible - B</b>
<ul style="list-style-type: none"> <li>On tournament day, two printed copies of the Action Sequence List (ASL) must be presented at the time of check-in for setup; the ASLs should be in the required format; and scoreable actions (and distances) should be labeled within the device, as described.</li> </ul>
<b>Trial Event – B &amp; C</b>
<ul style="list-style-type: none"> <li>Ping Pong Parachute B &amp; C will be a walk-up event.</li> <li>Any school can have multiple teams compete in trial events (regardless of primary/alternate team status). <b>Only one team</b> is eligible for medals per school.</li> </ul>
<b>Water Quality - B &amp; C</b>
<ul style="list-style-type: none"> <li>Paper exam with preserved stream macro invertebrate specimens for you to identify. We will have eye protection for the salinometer testing, but you can bring them yourself if you have them.</li> <li><b>Corrected rule:</b> Class I - Pollution Sensitive Mayfly, Caddisfly, Stonefly, Dobsonfly, Gilled Snails, Water Penny, Riffle Beetle</li> </ul>