

# January Event Notes for Coaches and Supervisors

The official Science Olympiad website publishes rule clarifications at [http://www.soinc.org/official\\_rules\\_clarif](http://www.soinc.org/official_rules_clarif). You may also submit requests for rule clarifications there. Our Event Supervisors will monitor this site. **The Region 12 tournament considers both National rule clarifications and FAQ's issued prior to March 1 to be the official rules. After that, we will not require compliance.** Additional information is available at [www.soinc.org](http://www.soinc.org).

## ALL EVENTS

Please check our regional website at [www.gvsu.edu/mso-r12](http://www.gvsu.edu/mso-r12) for all Region 12 Michigan Science Olympiad information and updates.

**MSO EVENT LOCATIONS:** Headquarters, Registration, and some events are in the Fieldhouse Arena and Recreation Center this year. All remaining events will take place in Mackinac Hall, Manitou Hall, Padnos Hall of Science, Kindschi Hall of Science, and Cook Dewitt Center.

- Students are expected to be present at the start of events, including self-scheduled times. Arriving late may keep them from competing. Accommodations will be made if possible, but there is no guarantee.
- Be aware there are strict goggle rules and be sure students are dressed in the appropriate safety clothing and gear for events calling for protective items.

Please remind students to take all of their equipment or devices with them after they are finished competing unless they anticipate going to arbitration.

## Regional Notes

<b>Bottle Rockets</b>	B	NOTE ON REGIONAL COMPETITION PROCEDURES: Only <b>1 Rocket</b> will be launched per team. <u>COACHES: Please understand the tight timeline and schedule accordingly.</u> <ol style="list-style-type: none"> <li>1. Teams will be at this event for 30 minutes.</li> <li>2. During the team's 10 min. launch time, up to 8 minutes may be used for emergency repair if needed.</li> </ol> NO check-ins will be permitted after 1:35 PM. Launching will cease at precisely 2:52 pm.
<b>Mission Possible</b>	B	The Task Sequence List (TSL) must be uploaded or emailed to Chelsea Ridge, <a href="mailto:ridgec@gvsu.edu">ridgec@gvsu.edu</a> by Sunday March 13, 5pm. It must have each action/ transfer that contributes to the operation of the device. It also must have scorable tasks numbered in order corresponding to numbers on the device. Self-scheduled slots are 50 minutes long. Teams will have 30 minutes to setup their device. If students are ready to test their device before their 30 minutes has passed, they may. Thus, teams may not require the entire 50 minutes at this event. <b>This event will have a voluntary Impound at the event site.</b>
<b>Food Science</b>	B	Nine Experiment forms (3 per experiment) must be uploaded or emailed to Chelsea Ridge, <a href="mailto:ridgec@gvsu.edu">ridgec@gvsu.edu</a> by Sunday March 13, 5pm. Experiment is clarified as at least two different independent variable levels tested per sheet (See national FAQ). No day of impound.
<b>Protein Modeling</b>	C	If you are planning on participating in this event you will need to obtain a prebuild kit from the RMSC. Contact Chelsea Ridge, <a href="mailto:ridgec@gvsu.edu">ridgec@gvsu.edu</a>
<b>Roller Coasters (Trial)</b>	B & C	<b>This event will have a voluntary Impound at the event site.</b> In order to ensure all teams can participate in an organized manner, a sign-up schedule will be provided at the impound site on a first come-first served basis. Please ensure teams sign up for a slot. Using posted rules (2013 VA)
<b>Potions &amp; Poisons (Trial)</b>	B & C	In order to ensure all teams can participate in an organized manner, a sign-up schedule will be provided at the on a first come-first served basis. Please ensure teams sign up for a slot, which will be assigned as 16 teams / hour.
<b>Elastic Launch Gliders</b>	B	No practice or test flights will be allowed.

Location Changes	B & C	<b>Crave the Wave</b> will be held in Padnos 122. <b>Astronomy C</b> will be held in Padnos 155.
Mackinac Hall Events	B & C	This year more events are being held in Mackinac Hall on the lower level and 2 <sup>nd</sup> floor. Students with special mobility needs may use the building elevators to access these events.
Vernier timers		<b>Electric Vehicles and Scrambler</b> will be using Vernier timers for their events again this year.
Binder and Notes	B & C	Binder and notes sheets permitted by the rules can be typed and printed or handwritten.

## CLARIFICATIONS

SPECIFIC EVENT	DIV	Clarifications, FAQs and Regional Notes
Air Trajectory	B & C	<b>Clarification:</b> Relates to national competition target intervals.
Bottle Rockets	B	<b>Clarification:</b> 2. should read "Event Supervisors must provide one egg for each rocket, the launcher and water." (9/25/15)
Electric Vehicle	B	<b>Clarification:</b> 2.k. add third sentence "Vehicles may reverse travel direction during the run." (10/13/15)
Fossils	B & C	<b>Clarification:</b> The correct spelling for Sarcopterygii is <b>Sarcopterygii</b> (9/11/15), also corrected were <b>Calymene</b> and <b>Ichthyosauria</b> (10/10/15) (all 3 now corrected in <b>green</b> on the Official Fossil List on <a href="http://www.soinc.org">www.soinc.org</a> )
Hydrogeology	B & C	<b>Clarification:</b> 2.b. should read "Students may bring a calculator, writing utensils, a protractor and <b>each team may bring one 8.5"x11" sheet of paper that may contain information on both sides in any form from any source.</b> " (11/19/15)
Mission Possible	B	<b>Clarification:</b> 4.d.iii. first sentence should read "Inclined Planes must be stationary and have an object pushed or pulled at least 10cm up <b>and along the surface of</b> the inclined plane to count for points." (10/13/15)
Robot Arm	B	<b>Clarification:</b> 7.f. should read "The maximum number of points possible is <b>110.</b> " (9/11/15) and 6.g.iv. The competitors impart energy directly into the arm, base, Goal Cartons, <b>dice</b> , or Scoreable Items. (11/11/15)

## FAQ's

Please visit <http://soinc.org/book/export/html/222> to review FAQ's about the following events. **These FAQ's are very important for Teams and Event Supervisors to review! All of the events listed below have FAQs.**

Air Trajectory	B & C
Astronomy	C
Bottle Rockets	B
Bridge Building	B & C
Chem Lab	C
Elastic Launched Glider	B
Electric Vehicle	C
Experimental Design	B & C
Food Science	B
Game On	C
Geologic Mapping	C
Hydrogeology	C
Invasive Species	B & C
It's About Time	C
Mission Possible	B
Picture This	B
Scrambler	B
Wind Power	B & C
Write It Do It	B & C