

**Michigan Science Olympiad
Region 12 Tournament, Grand Valley State University, March 28, 2020**

March Event Notes for Coaches and Supervisors

Our Event Supervisors will monitor the official National Science Olympiad website rules clarifications at www.soinc.org/official_rules_clarif. You can submit requests for rules clarifications at their site. The Region 12 tournament considers both [National Rules Clarifications](#) and [FAQs](#) issued prior to February 24, 2020 to be the official rules. After that, we will not require compliance. Additional information is available at www.soinc.org.

ALL EVENTS

Please check our regional website at www.gvsu.edu/msor12 for all Region 12 Michigan Science Olympiad information and updates.

- 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.

Binder and Notes – B & C

Binder and note sheets, permitted by the rules, can be typed and printed or handwritten and must be in the bindings at the start of the event.

Chemistry Lab - C

- The event organizers will provide an event handout, periodic table, and all lab equipment (glassware and chemicals) needed for the event.
- Teams are responsible for their own protective equipment including lab coats and goggles.
- If they wish, teams may also bring an 8.5" x 11" sheet of paper with notes on both sides and calculators, as described in the event rules.
- In order to maintain fairness and safety for all participants, additional outside lab equipment cannot be brought into the event. Teams should **not** bring the large kit of glassware and lab equipment described by the document posted on the national website. 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.

Detector Building – C

- Please note, despite the split competition, **the same two students that compete in the written test at 7:30 am are the only two students that will be permitted for device testing** during the self-schedule block.
- The Design Log must be uploaded in the Coaches Portal or emailed to msor12@gvsu.edu by Sunday, March 22 at 5 pm.

Food Science - B

To be successful in Food Science, it is encouraged to bring the following supplies:

- 1 beaker (30 - 100mL size)
- 1 graduated cylinder (10-50mL size)
- Droppers
- Paper towels
- Goggles

Mission Possible - B

- The Action Sequence List (ASL) must be uploaded in the Coaches Portal or emailed to msor12@gvsu.edu by Sunday, March 22 at 5 pm.
- **This event will have a *voluntary Impound at the event site.***
- 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 have passed, they may. Thus, teams may not require the entire 50 minutes at this event.

Experimental Design – B & C

- Do **NOT** bring a checklist from the rules. Bringing a checklist will result in disqualification.
- Experimental Design will not be done in stations.
- This event will be scored in **tiers**. Teams that do not address the provided prompt will be placed in Tier 2 below teams that do address the prompt.

Elastic Launched Glider and Wright Stuff - B & C

These events will be run in the Fieldhouse Arena. The ceiling height is 45 ft. and it is 33 ft. to the bottom of the truss.

Trial Events

- Pentathlon B & C will be a walk-up event.
- Game On B will be a trial event that will take a full 50 minutes starting at either 8:30 am or 9:30 am. A sign-up sheet will be available.
- Aerial Scramble B & C will be a trial event that will take a full 50 minutes starting at either 9:30 am, 10:30 am, 11:30 am, 12:30 pm, or 1:30 pm. A sign-up sheet will be available.

Ping Pong Parachute – B & C

Ping Pong Parachute will take place in Rec Center Courts 5 & 6. Ceiling height is 39 ft. and it is 32 ft. to the bottom of the truss. No tethers permitted.

Teams must have practice logs with 15 flights at varied pressures and a label to prove their bottle held a carbonated beverage in order to be launched.

Write It Do It - B & C

A reminder to your students that not all the items provided may be required in the build. Additional items are often provided as “distractors.”