



MD Official Rules Updates Season: 2020-21

– Version: October 1, 2020 –

***The following rules changes apply to official (Regional and State) SO competitions in the state of MD for the 2020-21 season. Unless otherwise stated, these rules override rules stated in the originally posted National rules. ***

General

Scilympiad Test Environment - At this time, we are most directly assessing the Scilympiad website (scilympiad.com/md) for running events at tournaments. Coaches are already required to register their teams on the site and would therefore already have accounts for the tournaments. Students would NOT need individual accounts on the site; coaches would receive information for their students to access tests close to event day, which basically would be an ID assigned to each student submitted on the team's roster. Under current planning, there would be ample opportunity either through Invitationals or practice tests for the teams to practice with the platform.

Resources Allowed - At this time, we have not modified any allowable resources for events. All students will be expected to act under academic integrity guidelines for their events, including in regards to materials used/accessed during their events. Tests will be designed appropriately to minimize the impact of possible cheating.

Stations - Teams should expect that "stations" will not be a part of tests.

Build Events - Unless stated below, we are currently still seeking to implement events where the sole task is a test of a student built apparatus in some manner. We will provide guidance and logistics as to how these events will be run as we are able.

"Build events" here include:

Ping Pong Parachute B/C
Mission Possible B, Elastic Launched Glider B, Mousetrap Vehicle B
Detector Building C, Gravity Vehicle C, Wright Stuff C

****See below for event modifications for Boomilever B/C*



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B/C Event Specific Modifications

Boomilever B/C - We are considering substituting a digital replacement for this called "Digital Structures". The event would no longer have any physical build and would be run through the SkyCiv software (access for the season would be provided free of charge under this scenario). Students would build a digital boomilever to match the event specifications that are provided at the beginning of the test.

Circuit Lab B/C - No physical breadboards or components will be used for the event. The "hands-on" portion will consist of interaction with data or description provided on the test and/or a video demonstration.

Machines B/C - There will be no live test of student constructed equipment. We may ask for a picture of the apparatus and test logs in place of "Part II: Device Testing", we are assessing if this is allowable.

Water Quality B/C - Salinometer will not have a live solution test. We may ask for a picture of the salinometer and test logs in place of "Part II: Hands-On Testing", we are assessing if this is allowable.

WIDI B/C - This event will likely be formally replaced by "Write it CAD It (WICI)", which is being developed externally. The event will still encompass the same timing, running, and overall general rules, with the main modification being that the model is observed and designed in an online CAD environment. The 'writing' portion will be done and submitted digitally.

B Only Event Modifications

Crime Busters B - There will be no live tests (i.e. no physical materials will be provided, students will not need to bring test equipment). Instructor will provide in written and/or video format any performed tests and their results for the event.

Food Science B - Salinometer will not have a live solution test. We may ask for a picture of the salinometer and test logs in place of "Part II: Hands-On Testing", we are assessing if this is allowable.



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C Only Event Modifications

Forensics C - There will be no live tests (i.e. no physical materials will be provided, students will not need to bring test equipment). Instructor will provide in written and/or video format any performed tests and their results for the event.

Protein Modeling C - There will be no presentation of physical models to judges. We may ask for a picture of the protein model and a digital version of the notecard with the model (see 3.e) in place of "Part I: The Pre-Built Model", we are assessing if this is allowable.

Sounds of Music C - There will be no live instrument test or presentation of student-built instruments to judges. We may ask for a picture of the instrument and logs in place of "Part II: Device Testing", we are assessing if this is allowable.