



*Exploring the World of Science*

**Michigan Science Olympiad**  
**Region 12 Tournament**  
***On and around March 20, 2021***  
**Grand Valley State University, Allendale, Michigan**  
[www.gvsu.edu/msor12](http://www.gvsu.edu/msor12)

**Division B Event Information**

*(There are no trial events. Each team's top 20 events will be scored)*

Division	Event	Changes
B	Anatomy & Physiology	Online test
B	Boomilever	In-person competition at GVSU
B	Circuit Lab	Online test only. No hands-on competition
B	Crime Busters	Online test only. No hands-on competition
B	Density Lab	Online test only. No hands-on competition
B	Digital Structures	<a href="#">Rules may be found here.</a> Online event using <a href="#">SkyCiv</a> software
B	Disease Detectives	Online test
B	Dynamic Planet	Online test
B	Experiment and Data Analysis	<a href="#">Experiment and Data Analysis Rules may be found here.</a> This event replaces Experimental Design
B	Food Science	Online test only. No hands-on competition
B	Fossils	Online test
B	Game On	Online design
B	Helicopters	<a href="#">Rules may be found here.</a> Remote video submission
B	Heredity	Online test
B	Machines	Online test. No hands-on competition
B	Meteorology	Online test
B	Mission Possible	Remote video submission
B	Mousetrap Vehicle	In person competition at GVSU
B	Ornithology	Online test
B	Ping Pong Parachute	In-person competition at GVSU
B	Reach for the Stars	Online test.
B	Road Scholar	Online test
B	Water Quality	Online test. No hands-on competition
B	Write It CAD It	<a href="#">Write It CAD It Rules may be found here.</a> The software used for the tournament will be <a href="#">3dc.io</a> . This event replaces Write It Do It.



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### Division C Event Information

*(There are no trial events. Each team's top 20 events will be scored)*

Division	Event	Changes
C	Anatomy and Physiology	Online test
C	Astronomy	Online test
C	Boomilever	In-person competition at GVSU
C	Chemistry Lab	Online test only. No hands-on competition
C	Circuit Lab	Online test only. No hands-on competition
C	Codebusters	Online test
C	Designer Genes	Online test
C	Detector Building	Online test. No hands-on competition
C	Digital Structures	<a href="#">Rules may be found here.</a> Online event using <a href="#">SkyCiv</a> software
C	Disease Detectives	Online test
C	Dynamic Planet	Online test
C	Experiment and Data Analysis	<a href="#">Rules can be found here.</a> This event replaces Experimental Design
C	Forensics	Online test. No hands-on competition
C	Fossils	Online test
C	GeoLogic Mapping	Online test
C	Gravity Vehicle	In-person competition at GVSU
C	Helicopters	<a href="#">Rules may be found here.</a> Remote video submission
C	Machines	Online test. No hands-on competition
C	Ping Pong Parachute	In-person competition at GVSU
C	Protein Modeling	Pre-build model plus online test
C	Ornithology	Online test
C	Sounds of Music	Online test plus virtual device testing
C	Water Quality	Online test. No hands-on competition
C	Write It CAD It	<a href="#">Write It CAD It Rules may be found here.</a> The software used for the tournament will be <a href="#">3dc.io</a> . This event replaces Write It Do It.