

2019 Road Scholar Event - Map Reading (DIVISION B)

Event Parameters from Official Road Scholar Rules:

“Participants should bring a protractor and a ruler, and may bring a USGS Map Symbol Sheet, a calculator, notes, reference materials, and other measuring devices. Computers are not permitted. The event supervisor will check the accuracy of reproduced maps/map sections prior to competition and will provide all required maps, question booklets, and response sheets.”

Event Overview

- The exam will be in the form of a story, with blanks indicated on the exam where answers are needed. A separate answer sheet is provided, student should not write on the test booklet.
- Tie-breaker questions will be noted in order in the instructions and * in the exam section and on the answer sheet.
- There will be map design section, where students will use USGS topographic symbols to create the map described in the exam.
- Remind students to skip a number if it is stumping them, move on and come back if there is time.
- Any information included on the maps provided may be a question:
 - Legend
 - Scale
 - Mileage table
 - Slope
 - Quadrangle location or adjoining quadrangle names
 - Bearing and elevation

Provided by Event Supervisor

- Michigan Department of Transportation State Highway Map
- USGS Quadrangle Maps (2 will be provided and used for the exam)
- USGS Topographic Map Symbols (available if needed)
(<http://pubs.usgs.gov/gip/TopographicMapSymbols/topomapsymbols.pdf>)
- Ruler (available if needed)

Helpful Resources:

- Road Scholar Official Rules
- *A Coaches Handbook for Road Scholar* (http://soinc.org/road_scholar_b)
- USGS Map Locator & Downloader website
([http://store.usgs.gov/b2c_usgs/usgs/maplocator/\(ctype=areaDetails&xcm=r3standardpitrex_p rd&carea=%24ROOT&layout=6_1_61_48&uiarea=2\)/.do](http://store.usgs.gov/b2c_usgs/usgs/maplocator/(ctype=areaDetails&xcm=r3standardpitrex_p rd&carea=%24ROOT&layout=6_1_61_48&uiarea=2)/.do))
- Science Olympiad Student Center Wiki for Road Scholar
(http://scioly.org/wiki/index.php/Road_Scholar)
- Science Olympiad Student Center Wiki 2013 Test Exchange
(http://scioly.org/wiki/index.php/2013_Test_Exchange#Road_Scholar)
- USGS Finding Your Way with Map and Compass
<https://pubs.usgs.gov/fs/2001/0035/report.pdf>

Contact Information:

Colleen Hill-Stramsak, chill9195@gmail.com, 586-709-5347