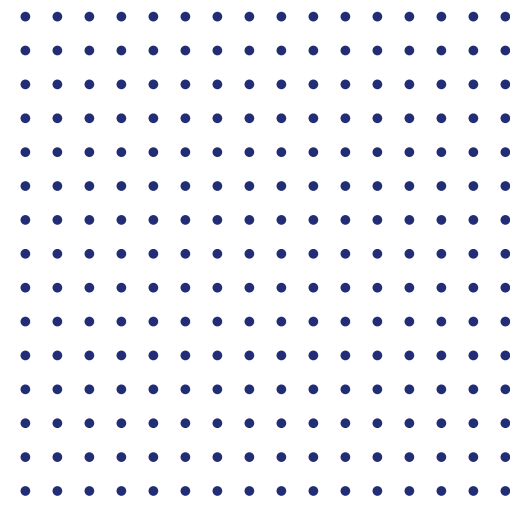


2024-2025 VA Science Olympiad Rocky Run Middle School



Points of Contact

Head Coach:

Amanda Davis –
asdavis@fcps.edu

Assistant Coach –

Molly Little
mjlittle@fcps.edu

School Liaison:

Shannon Campbell –
slcampbell@fcps.edu



Science Olympiad: An Overview

Science Olympiad is:

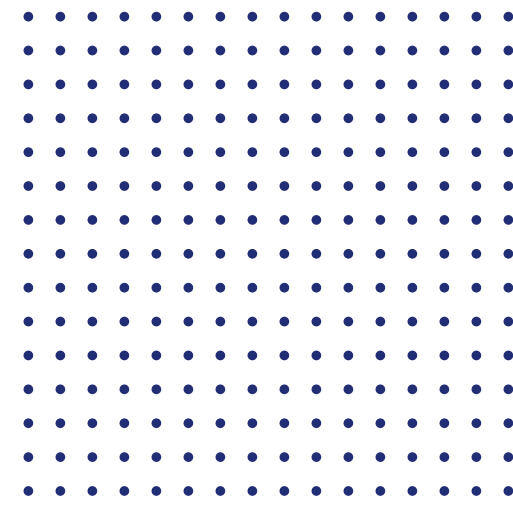
- ❑ One of the premier science tournament organizations in the United States
- ❑ An international non-profit organization
- ❑ Devoted to improving the quality of science education
- ❑ An exposure to many fields of science
- ❑ Focused on coordinating with schools and meeting national curriculum standards

Science Olympiad is not:

Science Fair-Students do not create their own projects

An emphasis on any one particular field of science

A competition for individuals: SO is team-based

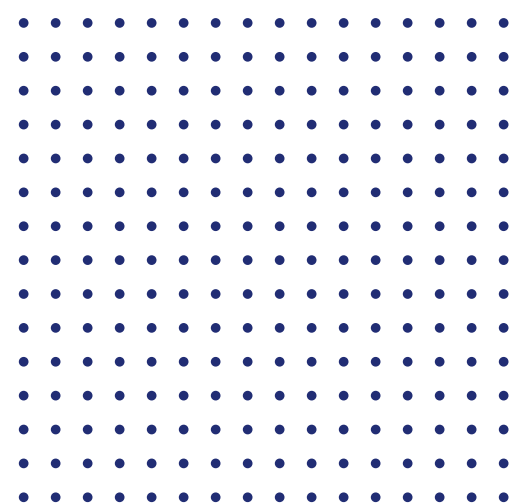


What is Science Olympiad?


Filmed September 2024

Emily Owens





Please review these dates prior to signing up for the selection test:

- ❑ Regional Tournament: February 22
Fairfax HS (time TBD)
 - ❑ State Tournament : TBA No early than March 29 ?
- 

Rocky Run Team

- ❑ 3 teams of 15 students each
- ❑ Each student can participate in up to 3 events
- ❑ 8th graders from last year's state team will automatically be selected and may retain events
- ❑ Team Scores determined by students scores in individual events.
- ❑ If RRMS makes states. Top individual partners are what determine the state team.

Timeline

- ❑ 10/7 - Selection test registration form opens (Schoology)
- ❑ 10/11 - Selection test registration form closes at 3 pm
 - ❑ no late registrations will be accepted
- ❑ 10/17 from 3:20 - 4:30 pm - Selection test in Rocky Run's lecture hall - no make-ups
- ❑ 10/22 Email sent to selected students/parents
- ❑ 10/24 - 1st team meeting (3:20 - 4:05 pm)
- ❑ By mid-late November - Events Assignments
- ❑ **2/22** - Regional Tournament at Fairfax HS
- ❑ **TBD** - State Tournament at TBA

Selection Test

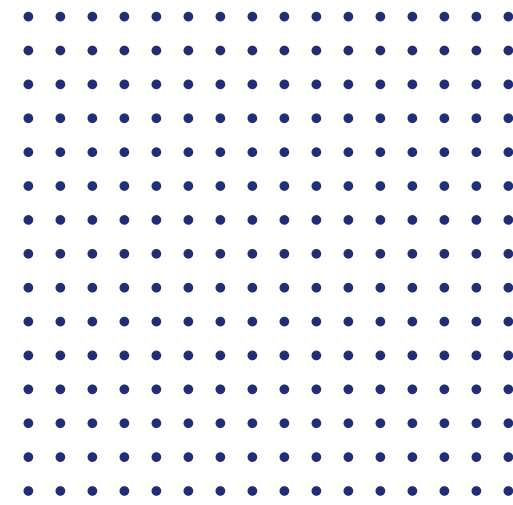
Topics: Test on 3 events Can't test on two in the same group

<u>Group A</u>	<u>Group B</u>	<u>Group C</u>	<u>Self-Scheduled</u>
Disease Detectives	Entomology	Optics	Helicopter
Metric Mastery	Potions and Poisons		Scrambler
			Tower
<u>Group D</u>	<u>Group E</u>	<u>Group F</u>	
Codebusters	Experimental Design	Anatomy & Physiology	
Ecology	Fossils	Dynamic Planet	
Reach for the Stars		Wind Power	

Can only try out for a max of two build events.

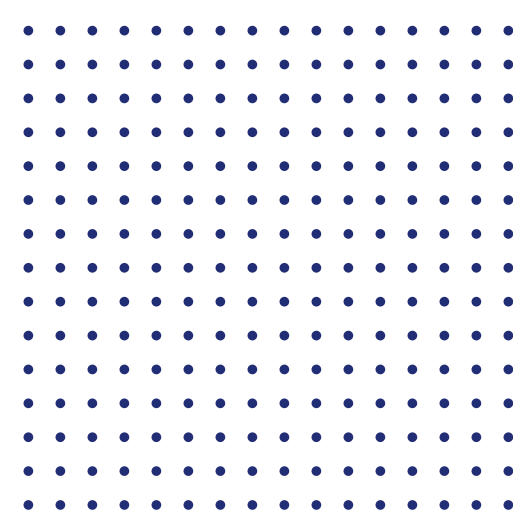
Resources:

- SciOly wiki ([scioly.org/wiki](https://www.scioly.org/wiki))
 - Test Exchange (tinyurl.com/SciolyTestsArchive)
- Resources suggested by the [Rules Manual](#) [reading the rules video](#)
- Google
- <https://virginiaso.org/>
- <https://www.soinc.org/>



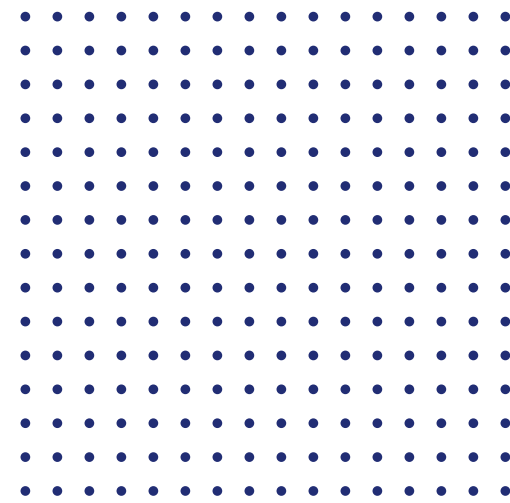
Selection Test

- ❑ Only RRMS state team members from 2023-2024 are exempt from taking the selection test
- ❑ 10/17 from 3:20 - 4:30 pm in lecture hall
- ❑ Approximately 50 minutes
- ❑ Multiple choice/short answer
- ❑ 3 assessments 21 questions each- don't be alarmed - try your best!
- ❑ Bring your fully-charged laptop
- ❑ One note sheet allowed 8.5 x 11 (handwritten, front & back)
- ❑ Administered by Mrs. Davis, Mrs. Little and Mrs. Campbell, and other after-school program staff
- ❑ Results evaluated by Mrs. Davis and Mrs. Campbell - their decision is final
- ❑ Students notified by 10/22



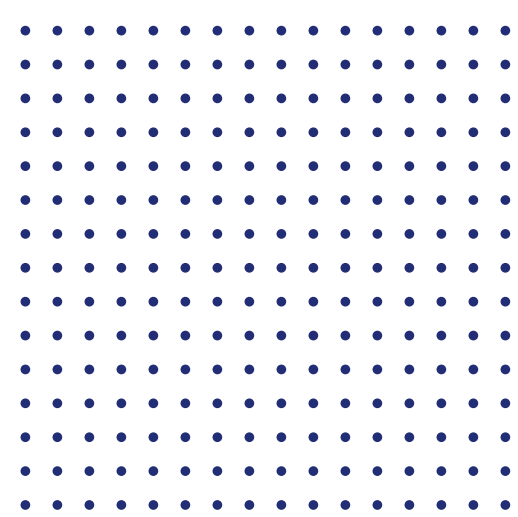
Estimated Cost

- ❑ TBD, but not to exceed per student
- ❑ All travel expenses, lodging, etc., are the responsibility of the family and will not be covered by RRMS or the After-School Program

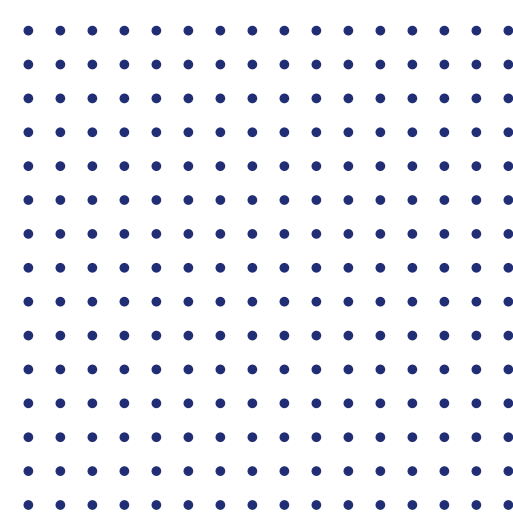


Student Commitment

- ❑ Students are expected to attend weekly meetings
 - ❑ We will meet on Thursdays from 3:20 - 4:05 pm
- ❑ Team player, committed participant, no conflicts with weekly practices and event dates
- ❑ Schedule & actively participate in meetings with your partners (separate from weekly after-school meetings)
- ❑ Abide by all of the rules set by VASO
- ❑ Accept event/partner assignments (swaps will need to take place by a set date with mutual consent)
- ❑ State Selection Criteria - based on performance in the regional tournament
- ❑ Willing to accept new events, if needed, for the state team



Parent/Guardian Support



- ❑ Do not need to be knowledgeable in the event - make sure students know rules, guide them in their research
- ❑ May need to volunteer to supervise team meetings
- ❑ Will need to volunteer to assist at the regional tournament and state tournament, if we qualify
- ❑ Will need to arrange transportation and supervision at the regional and state tournaments

Parent and Mentor Participation

Filmed September 2024

Emily Owens



Tournament Volunteer Roles

Filmed September 2024

Emily Owens



Next Steps

- ❑ 10/7 on the After-School Schoology Course . . .
 - ❑ Selection test registration form
 - ❑ These meetings slides will be posted
 - ❑ Rules manual will be shared Reading the Rules Video
- ❑ Try your best to study 3 events of interest to you- focus more on understanding/application than rote memorization of the events
- ❑ Prepare note sheet (handwritten, front & back)
- ❑ 10/11 at 3pm - selection test registration closes
- ❑ 10/17 from 3:20 - 4:30 pm - selection test
- ❑ 10/22 - students notified



Q & A