




Tyee Science Olympiad Club



2023-2024



Meeting Agenda:

- Introduction to Tyee Science Olympiad Club
- What is Science Olympiad (SciOly)
- Club Format
- Registration & Team Selection
- Club Schedule
- Q & A

Introduction

Welcome to Year 1!

Tyee Science Olympiad Club has been in the works for a long time (think 2020), and we are very grateful that this year marks our first official year of club operation.

Huge Thanks To:

- Tyee Middle School & Staff
- Tyee PTSA
- Science Olympiad Club Board
- Our High School Coaches
- And You

For Making This Club Possible!

Club Leadership

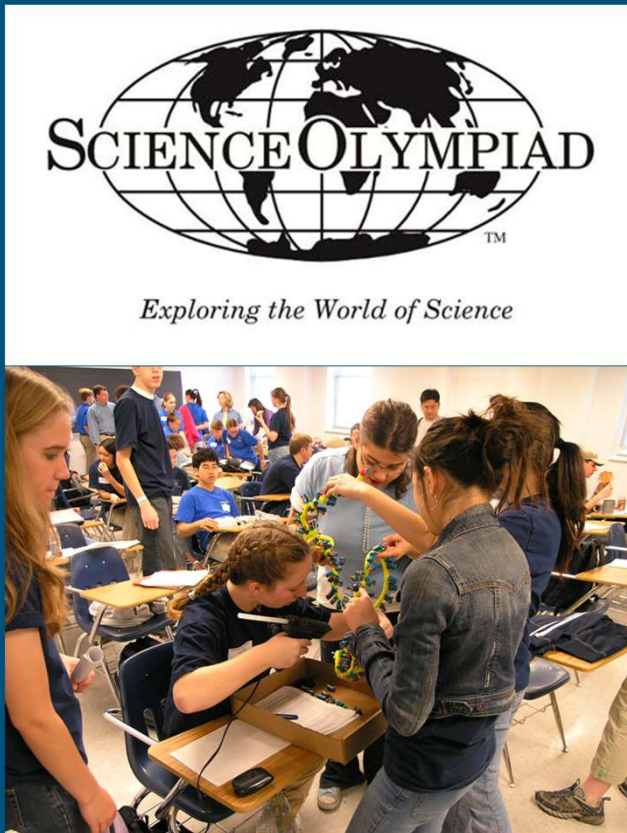
Club Chairs:

- Grace Yu
- Katherine Ma
- Yiwen Sun

Co-Founders:

- Darrien Liang
 - Abhinand Janakiraman
-

What is Science Olympiad (SciOly)?



- Skills-focused, team-based science competition held at the regional and national levels.
 - Has Middle School (Division B) and High School (Division C) levels.
- Consists of 5 scientific disciplines split into 23 different events, each testing a different scientific skill.
- Regional Science Olympiad:
 - March 9, 2024 @ Northshore MS
- State Science Olympiad:
 - April 13, 2024 @ Central Washington University
- Science Olympiad - Nationals:
 - May 24-25, 2024 @ Michigan State University
- More Information:
 - [About Science Olympiad](#) (National SciOly Website)
 - [Washington Science Olympiad](#) (State SciOly Website)

Science Olympiad vs. Science Bowl

Science Olympiad:

- Teams of 15 students
- Slower-paced, exam and experimental format
- Students [usually] specialize in 1-3 specific SciOly events.
- Rewards understanding of scientific principles and accuracy.
- 23 separate events, each testing knowledge in a scientific discipline to a high standard

Science Bowl:

- Teams of 5 students
- Fast-paced, quiz bowl format
- Students [usually] specialize in a scientific topic
- Rewards rapid recall and strong understanding of scientific knowledge.
- Five main subjects: Math, Earth and Space Science, Energy, Physical Science, Life Science

Events for 2023-2024 Science Olympiad

Life, Personal, and Social Science	Earth and Space Science	Physical Science & Chemistry	Technology & Engineering	Inquiry & Nature of Science
Anatomy and Physiology (W)	Dynamic Planet (W)	Air Trajectory (EB)	Flight (EB)	Codebusters (W)
Disease Detectives (W/EB)	Fossils (W)	Can't Judge a Powder (EB)	Roller Coaster (EB)	Experimental Design (W/EB)
Ecology (W/EB)	Meteorology (W)	Crime Busters (W)	Tower (EB)	Fast Facts (W)
Forestry (W)	Reach for the Stars (W)	Optics (EB)	Wheeled Vehicle (EB)	Write It Do It (EB)
Microbe Mission (W)	Road Scholar (W)	Wind Power (EB)		

Club Format

Club Information

- Schedule:
 - Every Thursday
 - 7:00pm-8:30pm (90 minute meetings)
- 2 Rooms of 15 students, each with 3 coaches
 - This is to allow each room to fit all members of a Science Olympiad team.
 - Note that **ALL** members who participate in this club will be put on a team.
- Questions? Contact: tyeescioly@gmail.com

Coaching Staff

Room 1:

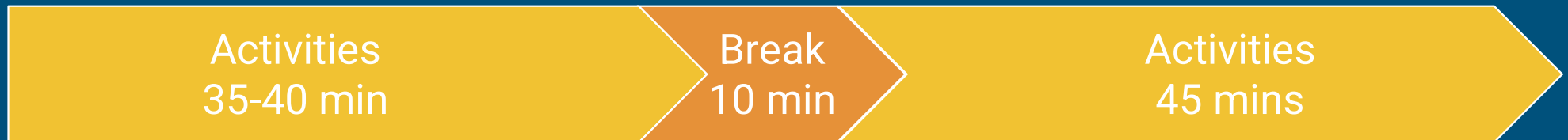
- Darrien Liang
- Nihal Josyula
- Evan Wang

Room 2:

- Abhinand Janakiraman
- Julia Zhang
- Sean Park

Meeting Structure

- Due to the diversity of Science Olympiad events, meetings will be structured with the specific needs of students in mind.
- Each coach will work with a small group of students, presenting short lectures on their event or working through practice problems.
- Students training for experiment-based events will also have opportunities for hands-on practice or building, which will take place in the commons or gymnasium.



Google Classroom

- Each room will have its own Google Classroom to facilitate communication between students and coaches.
- Coaches will share Google Classroom links to students during the first club meeting (10/5).

Additional Resources

- Tyee Science Club Library
 - Diverse set of textbooks and encyclopedias that cover a wide variety of subjects.
- Digital Library of Recommended Science Textbooks
 - High school/College-level textbooks used and recommended by coaches in their own studies.
- [2024 Division B Events | Science Olympiad](#)
(Practice Exams)

Registration

Steps to Register:

If you are already a member of Tyee Science

Registering for Tyee Science Olympiad Club only takes 2 steps:

1. For Students: Fill out this form (<https://tinyurl.com/TyeeSciOlyInterest>)
 - Information in this form is crucial for coaches to better plan meetings/activities, as well as the distribution of club newsletters and announcements.
1. For Parents: Pay \$50 club fee and register through the registration link.

Registration officially begins on Monday, October 2nd at 6pm, and will close on Wednesday, October 4th at 6pm.

Team Selection

Team Selection Exam

Date: October 19th, 2023

Time: 7:00pm - 9:00pm

Locations: Tyee Commons, during club meeting time.

Due to the completely different competition format between Science Bowl and Science Olympiad, the placement exam format will also be different.

- 8 Minutes Per Test, Number of Questions Vary, Tests modelled after real SciOly papers.
- 11 Separate tests will be made, one for each Science Olympiad event. However:
 - Team selection exams will all be on events that are solely written-based.
- Exam Rules:
 - Permitted: Pencil, Pen, Eraser, Scratch Paper
 - Not Permitted: Backpacks, Electronic Devices, Calculators, Rulers
 - Scoring: # of Correct Answers or Amount of Correct Work Done (depends on test type)

Team Selection Process

Team Selection for Science Olympiad will be based on both placement test performance and event coverage:

- Top scorers in each event will be placed in Team 1, while second-place scorers will be placed in Team 2.
- Remaining students will be placed in Team 1 or Team 2 to maximize coverage of all Science Olympiad events.
- After the placement exam, rooms will be re-organized such that students on the same Science Olympiad team will be together.

Important Dates:

- 10/2: Registration Opens
- 10/4: Registration Closes
- 10/5: First Meeting
- 10/19: Team Selection Exam
- 3/7: Final Club Meeting / Party

9/28/2023		Parent Orientation
10/5/2023	1	Presentation
10/12/2023	2	Presentation
10/19/2023	3	Team Selection + Room Reschuffle
10/26/2023	4	Presentation
11/2/2023	5	Presentation
11/9/2023	6	Presentation
11/16/2023	7	Presentation
11/23/2023		Thanksgiving Break
11/30/2023	8	Presentation
12/7/2023	9	Presentation
12/14/2023	10	Presentation
12/21/2023		Winter Break
12/28/2023		Winter Break
1/4/2024	11	Presentation
1/11/2024	12	Presentation
1/18/2024	13	Presentation
1/25/2024	14	Presentation
2/1/2024	15	Presentation
2/8/2024	16	Presentation
2/15/2024	17	Presentation
2/22/2024		Mid Winter Break
2/29/2024	18	Presentation
3/7/2024	19	EOY Party

Q & A
