



Tyee PTSA Science Club

2026-2027



Meeting Agenda

- Introduction to Tyee Science Club
- Club Format
- Registration
- Class Placement & Team Selection
- Club Schedule
- Q & A

Introductions



Mission Statement:

Tyee Science Club aims to promote interest and excellence in science through the mentorship and guidance of students.

Club Leadership



Club Chairs:

- Tina Cui
- Pan Wang
- Yun Chen
- Yanyan Zeng
- Xiaohan Wang
- Jinchi Han

Head Coach:

- Ayden Lee

Assistant Head Coach:

- Andrew Chen

Coaching Staff



Room 1

William Wang
Alexander Yu
(Ayden Lee)

Room 2

Andrew Chen
Yanjia Ji

Room 3

Max Zheng
Olivia Sun

Room 4

Jessica Lee
Mira Bhotika

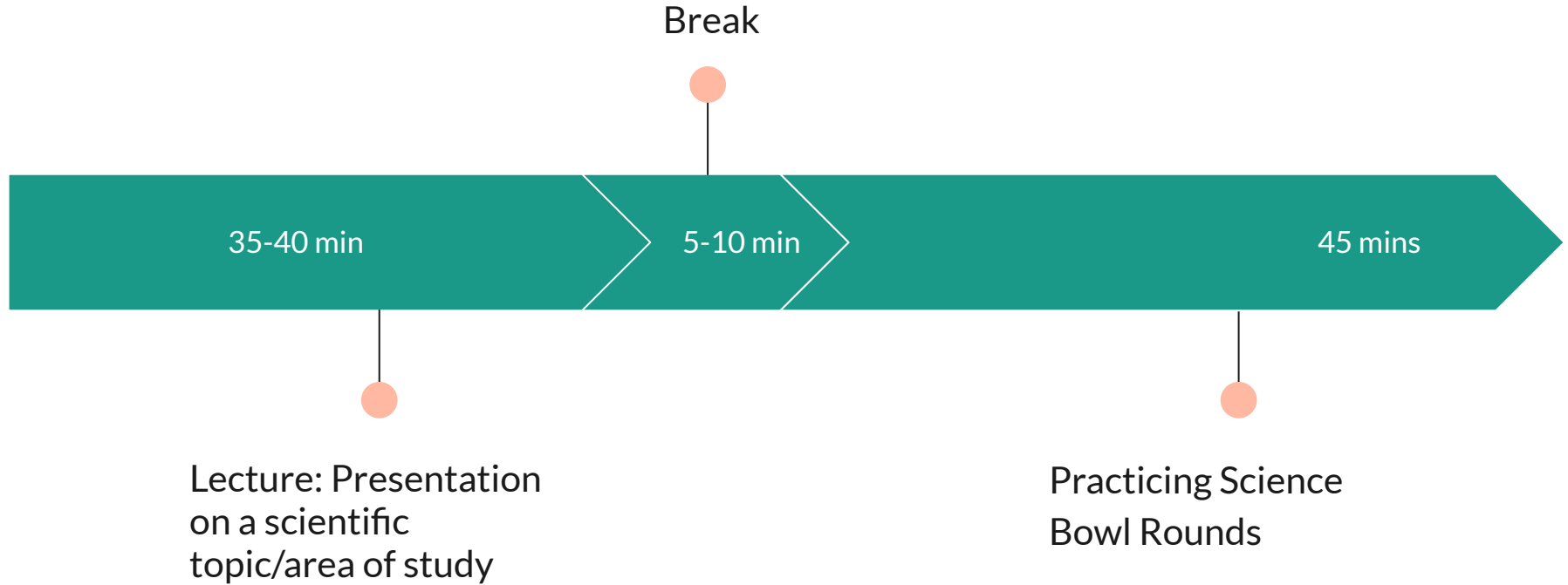
Club Format



Club Organization

- **Schedule:**
 - Every Monday
 - 6:30pm-8:00pm (90-minute club meetings)
- **4 Rooms of 15-20 students, each led by 2-3 coaches.**
 - This model allows coaches to better specialize their curriculum based on student need, and encourages students to engage more in club meetings.

Club Timeline





What to Expect

- Our coaches will deliver a lecture on a topic of their choice each week.
 - Biology, Physics, Chemistry, Earth and Space Science, Energy, Math
- All topics tested will be covered.
- Aim to build knowledge while honing intuition.



Class Points!

- By participating in Tyee Science Club, students can accumulate points that can be redeemed for prizes at the club's end and throughout the year.

Students can earn points through 3 methods:

1. Attending Club Meetings (5 points per meeting)
2. Participating in Class (coach discretion)
3. Completing Club Homework (58 points maximum)

Homework



- Assigned weekly through Google Classroom by room coaches
- 10 Questions total:
 - 7 Multiple Choice/Short Answer questions testing material covered during the lecture. (4 Points Each)
 - 3 Extension/Research questions on scientific concepts related to the lecture. (10 Points Each)
- Not required but HIGHLY Recommended and great for science bowl preparation.
- Also serve as great review for previous lectures and prep for regionals



Internal Competition + Club Resources

Internal Competition:

- Science Bowl style competition open for ALL students
- Hosted in February over multiple club meetings
- Students are encouraged to choose their own teams

Club Resources:

- Subject-related competitions
- Tyee Science Club Library



Extra Competitions!

Besides NSB, the Tyee Science Club will be an avenue for other competitions such as:

US Physics Olympiad for Middle-School Students: <https://phycsira.com/olympiad/>

National Biology Bowl: <https://www.nationalbiologybowl.org/>

National Astro Bowl: <https://www.astrobowl.org/>

You Be The Chemist Challenge: <https://www.chemed.org/programs/challenge/>

National Science Bee: <https://www.iacompetitions.com/emssciencebee/>

Registration

Registration

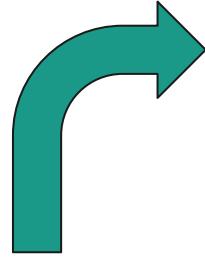
- Two steps:
 - 1. Register and pay through the Tyee PTSA website
 - 2. Register for the placement exam

<https://forms.gle/RTL9UZ4JRuYrJGXn7>
- Club Registration will open at 7:00 pm on **Monday, 9/21**. Registration will close at 11:59 pm on **Saturday, 9/26** or when the club's 75 slots are filled, whichever comes first.
- Registration Fee: \$30/student, is non-refundable.





Housekeeping



- PTSA Membership required prior to registration, please renew [here](#) if you haven't done so already.
- Students must abide by school building use rules, be respectful to our coaches and parent volunteers.
- The club will give out warnings to students who disrupt classroom activities or behave inappropriately in external competitions when representing Tyee PTSA Science Club.
- If a student receives three warnings, the student is required to drop out from the club (with no refund of registration fee) or the student's parent is required to serve as the classroom volunteer in their students' room for all future club meetings in order to continue attending club activities.
- In the case of especially egregious behavior no warnings may be required.



Parent Volunteer Info

- Per our PTSA policy, parents must be present in each classroom. Therefore, our parents are required to volunteer at least twice for each student. Volunteer schedules will be shared once room placements are finalized.
- As a parent volunteer please help ensure that students are behaving appropriately.
- Feedback from parent volunteers is welcome.



Parent Volunteer Info

For all after school activity parent volunteers, the parents must be approved through Sterling Volunteers at the L3 level. Please register for a background check here when applicable:

<https://www.surveygizmo.com/s3/4581231/Athletics-and-Activities-Volunteer-Form??jsfallback=true>

Class Placement

Date: Monday, 9/28 from 6:30 - 8:30 pm

Location: Tyee Classrooms



Placement Exam Format

- 25 Questions, 12 Minutes
 - Note that students are NOT expected to answer all questions in the allotted time.
- Separate Exam for each Science Bowl subject:
 - Biology
 - Physics
 - Chemistry
 - Earth and Space Science
 - Math
 - Energy
- General Exam Rules:
 - Permitted Supplies: Scratch Paper, Pencil, Pen, Eraser
 - Prohibited Supplies: Rulers, Calculators, Compasses, other Electronics
 - More rules will be shared through email.



Exam Format (cont)

- Students can choose which subject exams they would like to take.
 - Recommended to take all
- Placement Exam scores are then inputted into an algorithm to give a student's final score.
- Full Scoring System:
 - <https://tinyurl.com/TSCScoringAlgorithm>

The top 15 students from the placement exam will be placed in Room 1, then the next 20 students will be placed in Room 2.

All other students will be randomly put in Rooms 3 and 4

Students who don't take the placement test will be placed into rooms based on availability.

Why Room Placements?

- Streamlines learning:
 - Prevents students from re-learning material they already know or being discouraged upon encountering overly complex concepts.
- Encourages improvement:
 - “I didn’t make Room 1 but I want to be on a science bowl team”
 - “I made Room 1 but need to continue improving to compete for a team”

Sign-Up by 11:59pm, 9/26:

<https://forms.gle/RTL9UZ4JRuYrJGXn7>



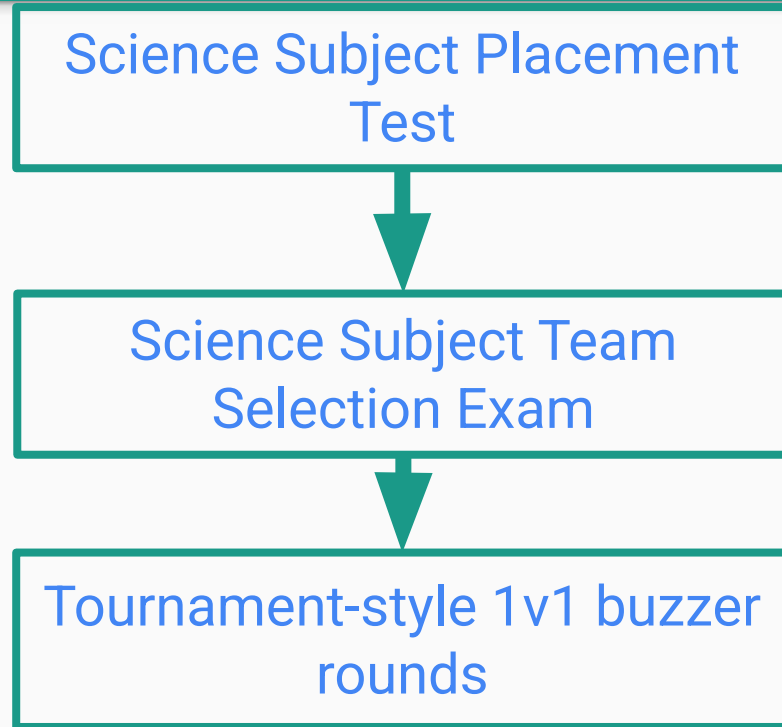
*Note: Students who do not register within the time-frame
will NOT be permitted to take the Placement Exam.*

What is Science Bowl?



- Fast-paced, team-based science competition organized by the Department of Energy
 - Quiz-bowl style (think Jeopardy)
- Regional Science Bowl
 - February 6th, 2027 @ University of Portland
- National Finals
 - Consists of teams who win their regional event @ Washington DC
- For more information:
 - [National Science Bowl Wikipedia](#)
 - [Science Bowl Style Questions](#)

Team Selection Process



Team Selection Test

Date: November 2nd, 2026

Time: 6:30-8:30pm

Location: Tyee Classrooms,
replacing club meeting time.

- 25 Questions, 12 Minutes
- Separate Exam for each Science Bowl subject:
 - Biology
 - Physics
 - Chemistry
 - Earth and Space Science
 - Math
 - Energy
- General Exam Rules:
 - **Now, students are required to test in ALL subjects.**
 - Will also be used to reshuffle rooms.
 - Permitted Supplies: Scratch Paper, Pencil, Pen, Eraser
 - Prohibited Supplies: Rulers, Calculators, other Electronics
 - Scoring:
<https://tinyurl.com/TSCScoringAlgorithm>

Selection

Top 15 students will advance to a Tyee Science Bowl team.

A selection index method is used to allow students who show significant improvement during the club to earn a position on a team. The Team Selection Exam is double the weight of the Placement Exam

Tournament-Style Buzzer Test

Date: November 9th, 2026

Location: Tyee Classrooms, replacing club meeting time.

This exam is crucial to evaluate not just student knowledge, but student familiarity of the competition format.

- For Top 15 students only
 - All students in top 15 will participate, based on results of Team Selection Test
- Same subjects other than Energy
- Used to determine team placement (Team 1, Team 2, Team 3)
- General Exam Rules:
 - Permitted Supplies: Scratch Paper, Pencil, Pen, Eraser
 - Prohibited Supplies: Rulers, Calculators, other Electronics
 - Students will answer questions using a physical buzzer system.

Note: ALL Buzzer Test Participants Will Be Placed On A Science Bowl Team.

This does NOT guarantee that your student will be able to go to the regional competition because of the lottery system that NSB uses.

Overview/Important Dates

- 9/26/2026 11:59pm - Registration Deadline
- 9/28/2026 - Placement Exam
- 11/2/2026 - Team Selection Written Exam
- 11/9/2026 - Team Selection Buzzer Exam
- 2/6/2027 - NSB Regionals

Have any Questions?

Contact Us:

tyesciclub@gmail.com (Science Club Email)



Q & A

Placement Exam Registration:

