
Tyee PTSA Science Club

2022 - 2023

Our Mission

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

Agenda

- 1) Introductions
- 2) Club Format
- 3) Class Placement
- 4) Science Bowl Team Tryouts
- 5) Registration
- 6) Important Dates
- 7) Q & A

Introductions



Leadership

Co-Chairs:

- Arthur Lu
- Grace Yu
- Katherine Ma

Head Coach:

- Anna Li

Coaches

Room 1

Darrien Liang
Tristan Kay

Room 2

Cindy Liu
Julia Zhang

Room 3

Abhinand
Janakiraman
Evan Wang

Room 4

Carol Gong
Nihal Josyula

Club Format



Meetings

- 4 rooms
 - 2 coaches
 - 15 students
- Meeting Format
 - 35-40 min: Lectures on a science topic
 - 5-10 min: Break
 - 45 min: Practice Science Bowl rounds

HW

- Assigned through Google classroom
- Format
 - 10 questions total
 - 7 multiple choice/short answer questions
 - 4 points each
 - 3 extension/research questions
 - 10 points each
- Not required but highly recommended!

Internal Competition and Additional Resources

- Internal Competition
 - Science Bowl-style competition for all students
 - Hosted during February
 - Students choose own teams
- Additional Resources
 - You Can Be the Chemist! Challenge
 - National Science Bee
 - AP textbook rental system

Room Placement Exam

Date: Wednesday 9/28 7:00-8:30 PM

Location: Tye Middle School, Classrooms will be sent out by email

Format

- 45 questions, 15 minutes
- Separate test for each of 5 Science Bowl subjects
 - Earth and Space
 - Energy
 - Life Science
 - Math
 - Physical Science
- General Rules
 - 1) Scratch Paper OK
 - 2) No calculator, other devices, etc
 - 3) More specific rules provided in email and before test
- Scoring System
 - <https://tinyurl.com/TSCScoringAlgorithm>

Outcomes

- Top 15 students placed in Room 1
- Another 15 students placed in Room 2 and go on to Room 3 and 4
- For students who don't take the placement test, coaches will place them in the Rooms based on availability

Why Room Placement?

- Streamlines teaching
 - You only learn things that you don't already know
- Encourages improvement
 - I didn't make Room 1 but I want to be on a science bowl team...
 - I made Room 1 but I need to continue studying to be placed on a science bowl team...

Sign-up Here by 11:59 9/26:

<https://tinyurl.com/TSCPlacementExam>

Students who do not sign-up will not be able to take the placement exam. The test is completely free!

Science Bowl Team Tryouts



What is Science Bowl?

- Team-based science competition
 - Quiz-bowl style
- Regional Science Bowl
 - Date & location will be announced soon
 - Generally around late January - early February
- National Finals
 - Top team from regional
 - April 27 – May 1, 2023
- https://en.wikipedia.org/wiki/National_Science_Bowl
- <https://science.osti.gov/wdts/nsb>

Science Subject Written
Tests



Head to head science-bowl
style rounds

Written Test

Date: Wednesday 11/16

7:00-8:30 PM

Location: Tyee Middle
School, Administered
during club meeting

- 45 questions, 15 minutes
- Separate test for each of 5 Science Bowl subjects
 - Earth and Space
 - Energy
 - Life Science
 - Math
 - Physical Science
- General Rules
 - 1) Scratch Paper OK
 - 2) No calculator, other devices, etc
 - 3) More specific rules provided in email and before test
- Scoring System
 - <https://tinyurl.com/TSCScoringAlgorithm>

Selection

Total score = 9/28 written test + 11/6
written test X2

Top 15 students will be advanced to
Tyee Science Bowl teams

Buzzer Test

Date: Saturday 11/19 -
Sunday 11/20, time TBD
Location: TBD

- Top 15 students only
- Subject based
- Aids in team placement
 - *ALL PARTICIPANTS OF THE BUZZER TEST WILL BE PLACED ON A TEAM!!!*

Outcomes

- Team 1: Top student(s) in each subject
- Team 2: Next best students in each subject
- Team 3: Remaining students
- Hoping to send all 3 teams to science bowl
 - Will register teams in order of Team 1, Team 2, then Team 3

Club Registration



Registration

- Registrations will open at 6:00 pm on Thursday, Sept. 29th. Registration will close at 6:00 pm on Tuesday, Oct. 4th or when a total of 60 slots are taken, whichever comes the first
- Registration fee: \$30/ student, non-refundable

Important Dates

9/26 - Sign-up for Class Placement Closes

9/28 - Class Placement Exam

9/29 - Registration opens

10/4 or sooner - Registration closes

10/5 - First week of meetings

11/16 - 2nd Written Exam

BSD & PTSA Rules & Regulations

- **Parents are required to volunteer at least once for this school year. Signup link will be sent out after registration**
- **Tyee PTSA family memberships are required**
- **BSD volunteer background check must be complete**
- **BSD building usage rules must be obeyed**
- **Parent volunteers will be recruited to oversee each grading**
- **Chairs, coaches or other parents who help print out the test sheets are required to not reveal any test content to any members who will participate in the tests**

Any Questions?

