



TYEE ROCKETRY CLUB

Coaches: Eugene Li, Varun Nair, Ishaan Makam

Mentor: Mr. Burke

TARC OVERVIEW

- Different stages of competition
- Same requirements for all teams
- Washington DC Nationals
 - \$2-3k cost per student
- International competition in England
 - Free

CLUB OBJECTIVES

- October - December:
 - Students will form teams of 5
 - Learn rocket construction techniques
 - Get familiar with computer simulations and CAD
- January - April:
 - Students will start working on their TARC rocket
 - Goal is to qualify for DC nationals
- April - May:
 - If students qualify for DC, they will start preparing for that
 - If not, we will introduce students to some more advanced rocketry projects such as using CFD and making their own flight computers
- Hard limit of 15 students
 - Selection process

WHAT WE NEED FROM STUDENTS

- Passionate about science and rocketry
 - Motivated and interested
 - No prior experience necessary
- Time requirements:
 - October - December: 5:00-7:00 every Thursday, 9:00-12:00 Saturday twice a month
 - January - April: 5:00-7:00 every Tuesday and Thursday, 9:00-12:00 Saturday 3-4 times a month
- 4 strikes rule
 - Attendance, behavior, etc.

WHAT WE NEED FROM PARENTS

- Industry connections
 - Guest speakers, tours, etc.
- Support for students
 - Weekly rotation for bringing meals to students
 - Driving and picking up students to launches
- \$570 non-refundable fee
 - More (Estimating 800+) if students make nationals