

Successful application to Brown University B.T.



Planned Major

Mathematics

Admission

Regular Decision

5

Honors & Awards

10

Extracurriculars



Academics



SAT:

- Math (760)
- Reading and Writing (750)

A Level Subjects:

- Maths (A*)
- Further Maths (A*)
- Physics (A*)
- Economics (A*/A)
- Spanish Language (A)

Honors & Awards



Intermediate Maths Olympiad
Merit

National

Intermediate Maths Challenge
Gold Medal

National

Institute of Linguists French
Distinction

International

Maths Prize

School

Best Sonnet Award and House
Poetry First Prize

School

Founder and Leader, Maths Problem Solving Society

Academic

4 hr/wk

Recruited 40+; weekly problem solving sessions; devise sets from "Superbrain Collection"; invite guest speakers; share passion for maths

Vice Captain, School Prefect

Student Government/Politics

4 hr/wk

Voted by teachers & students from shortlist of 40 candidates; manage Senior Prefect Body, Charity & Union Committees; report weekly to Headmaster

Member, Physics Society

Academic

1 hr/wk

Attend weekly meetings; gave presentation on 'The Cheerio Effect' and piezoelectric technology; assisted recruitment efforts by making posters

Organizer, Foundation Schools Maths Competition

Community Service (Volunteer)

10 hr/wk

Created app/circuit programming classes; all proceeds went to local Food Pantry; raised \$505 and taught 11 students; virtual zoom program

Founder & Co-Leader, Russian Culture Society

Community Service (Volunteer)

2 hr/wk

Recruited 60+; regular presentations on language, food, history; invited guest speakers; designed most desirable tie; organize club stall for fair

Competitor, Various Maths Competitions

Academic

1 hr/wk

Qualified for National Maths Olympiad in Y12;
Qualified for Intermediate Maths Olympiad in Y11;
High Gold Intermediate Maths Challenge in Y11

Reading/Maths Mentor, Local Secondary School

Community Service (Volunteer)

3 hr/wk

Volunteered during lunch period to read to students at school in disadvantaged area; tutored basic maths and helping with homework

Senior Editor, Annual publication

Journalism/Publication

10 hr/wk

Reviewed 35+ submitted STEM articles; editing, proofreading, designing, publishing; wrote 2 articles; proceeds donated to charity

Writer, House Poetry Competition

Other Club/Activity

6 hr/wk

Won 1st place in consecutive annual House Poetry Competitions in Y10 and Y11; Headmaster's award for best poem in Y11

Member, Religion, Theology & Ethics Society

Religious

1 hr/wk

Selected to present to all Y10 & 11 students; attended weekly meetings; awarded society tie



Share an essay on any topic of your choice. It can be one you've already written, one that responds to a different prompt, or one of your own design.

My obsession with ties started when I first toured my school with my parents and our guide mentioned something motivating: there were over 35 society ties that could be earned. As soon as I became a pupil, I embarked on a journey to earn them. Society after society, I devoted myself to obtaining these jewels for my collection. Initially my ties were trophies of accomplishment, motivating me to strive forwards, hungry to achieve. In my eyes, having the most ties would separate me from the rest of my peers and help me establish my position as a top student in my new school.

Today, my ties hang on my closet door, each holding a different memory. The vibrant azure blue and pale pink Theology and Ethics Society tie reminds me of one of the most nerve-racking moments of my life. As I set out to present a talk on homophobia, standing up in front of my friends and teachers, I felt my throat clench. Seeing the mass of blank faces, and the penetrating stare of teachers, was petrifying. I remember that there were questions I couldn't answer, and some inconsiderate laughs were peppered throughout, but every time I wear this tie I also remember the instant I finished my presentation, shook the headmaster's hand and finally could breathe again. In retrospect, this experience was a crucial moment in my school career as it forced me to step out of my comfort zone and get over my fear of public speaking – a skill that I have practiced since and has helped me compete for and embrace leadership roles that I would have otherwise dismissed.

Earning my Physics Society tie was a starkly different experience. Spending weeks on my two research projects on piezo electrics and the Cheerios effect was rewarding as I worked independently on topics that were previously alien to me. I loved the process of trying to convey as many applications of these concepts as I could within my presentations. I could picture a dark study in 1897 where Thompson meticulously did his experiment over and over again, persevering until he observed an anomaly. Reading about his extensive exploration and testing, I shared his sense of curiosity, which I now understand is a cornerstone of scientific research and is what made his momentous discovery of the electron possible. Astonished by the plethora of everyday technologies that use piezoelectric crystals, I was motivated to continue searching for more profound explanations of this property. To this day I aim to question and explore what I am taught in lessons. This exuberant feeling of wanting to look beyond what is visible, captivated by the thought of the complexities that are hidden beneath, stays with me when I wear my physics society tie.

Every morning I identify what lessons or tests I have that day and decide what specific tie I want to wear. However, I now understand that, while I value the ties themselves, the individual processes of earning each tie were most influential on my development. Being involved in such a wide variety of societies not only allowed me to learn to expand my horizons but also to make many valuable friendships with like-minded people. Thus, earning and collecting these ties meant that I could get the most out of every day at school, which was an instrumental part in sculpting who I have become, both academically and as a person. This fundamental sense of joy is something I will continue to seek in any endeavour I apply myself to in the future.