

DESCRIPTIONS

After School Clubs

| Club | Description |
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| Automotive Engineering Club | In this club, we will be rebuilding our 'barn find' 1972 Jaguar XJ6. This year, we will be focused on getting the engine started and then making it drivable. No prior experience is required; the main point of this project is to learn about how a car works. |
| Best Buddies | The purpose of this club is to promote inclusion and diversity for students with IDD and intellectual disabilities. While these students rarely are brought up among Overlake students, it is crucial to connect with our peers with IDD's, understand them, and have empathy. |
| Chess Club | The purpose of this club is to foster a love of chess through casual play and tournaments (if members would like to partake). We can study various opening, middlegame and endgame strategies, challenge the online computers, and relax and eat good snacks with friends. NO EXPERIENCE IS NECESSARY—if you have ever wondered how to play or curious about why the TV show, the Queen's Gambit, was so popular, please join! |
| Olympic Weightlifting Club | We aim to help all members find a new and fun way to keep healthy, train in their sport offseasons, and decompress. We meet 1 to 3 times a week after school to train together and reach our goals! |

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| Ping Pong Club | <p>Ping Pong Club aims to provide its members with a fun and instructive space to both play and learn the sport of ping pong. Club leaders will teach new players the basic skills and organize tournaments/round robin matches between members with a wide variety of formats, including singles, doubles, and different scores (game to 5, 7, 11, and 21) for matches. While playing ping pong is the main focus of this club, it is not the sole activity club members can partake in. Members can converse while playing, discussing relevant events and catching up with each other. Us leaders have found that ping pong, as its played in a relatively small space, can induce some very intense and interesting dialogue, especially between friends. Thus, the final focus of ping pong club would be for members to find others with similar passions beyond that of a shared interest in ping pong. Members can connect over this hobby, and build relationships that will hopefully extend past the club. Friendly competition can spawn some of the best relationships, and that is the big picture goal we aim to achieve with this club.</p> |
| Sankara Club | <p>Sankara Club is a service club dedicated to providing volunteer opportunities for club members and giving back to the community. In our club, we will organize events, drives, fundraisers, and fun events for members. We are a club based around the organization the Sankara Healthcare foundation. The sankara healthcare foundation is an organization dedicated to providing healthcare and nutritious meals to those in need and fund several underfunded hospitals in India.</p> |
| Sources of Strength | <p>Sources of Strength is a national program that does all the same things that the former Forefront Club has done in terms of building mental health awareness.</p> |
| Game Changers Club | <p>This is a project-based and student driven club. Every club member will be working closely together on a group game in order to encourage teamwork and bonding. The students decide what projects they want to work on and create. All levels of coding experience with Java/Javascript are welcome and the leaders will be there to guide everyone through the process of game development. All of our projects will be geared towards having a larger social impact.</p> |

Club 1
Club

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| A Capella | <p>"A Capella," the art of singing without instrument accompaniment, is a tradition that has existed for generations; whether we sing on college campuses, in choirs, or in charming barber shop quartets, singing a capella brings us a community. This year, we are launching an a capella club at Overlake! We have so many great potential opportunities in store, including, but not limited to: singing the national anthem at sports games, designing a group slogan and T-shirt, performing with singers from Bear Creek in a GROWLs collaboration, and learning some great arrangements of vocal music chosen by group members. We know that choir, as fun as it is, may not work with everyone's schedules. But that doesn't mean that you can't still make the most of all the incredible singing opportunities Overlake has to offer. If you have any interest in music, and are looking for a fun, chill, supportive environment, please check out our club!</p> |
| Analytics for Entrepreneurs | <p>The purpose of our club is to learn about data science techniques and apply them to real world business situations. We will gain insights from guest speakers, discuss behavior predictions, and brainstorm solutions to common economic challenges.</p> |
| Art Club | <p>A laid-back club for traditional and digital artists to relax and unwind during the school day. There will be open activity days, collaborative projects, themed days, and competitions with prizes. We offer an environment that supports beginners while continually enhancing the skills of advanced artists.</p> |
| Big Climb Club | <p>The club is based on the yearly Seattle event, the Big Climb, where teams climb all 69 floors of the Columbia Tower to raise money for Leukemia and Lymphoma Society. Club time will include fitness and fundraising. The goal will be to fundraise \$100 for every person who wants to participate in the climb and then go participate in the event on the appointed date in March.</p> |
| Civil Discourse Club | <p>Educate members about the principles of free expression and engage in open, productive dialogues about various important issues.</p> |
| Coding4Medicine | <p>In this club, we will use coding, math, and AI to solve biological problems. Bioinformatics is one of the most rapidly rising industries, and there are so many ways it can be applied to solve problems in the real world. The club will both teach students biology and coding through exciting puzzles and application problems, and will also help students pursue research projects and investigate real-world problems!</p> |

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| Computer Science | We strive to promote coding for students ranging from those who are new to computer science to those who are fluent but want to dive deeper. In times of technological developments, it is crucial to learn how to handle coding, which makes up what we use daily, like phones and computers. |
| Dungeons and Dragons | Dungeons and Dragons club is a place to set stress aside and bring stories to life with roleplaying games. This is a space for people to explore different parts of themselves and experiment with expression. |
| Enginprogram | In this club, students will connect with Ukrainians who are in need and affected by the war. No prior knowledge of Ukrainian is needed as those in the program are already at a sufficient English skill level. |
| Equity Council | Equity Council plans the MLK Assembly, plans Wellness Sessions on topics regarding DEI that the counseling office does not cover, and engage affinities in their activism plans. |
| Girls in Tech (GIT) | We're a club committed to helping girls get a leg up in the tech industry and help those who aren't as well versed in computer science learn about it and get started on the path to being a girl in tech. |
| Mystery Investigation Club | This club is to engage people who are interested in real life mysteries or mystery games through hands on puzzles and interactive run-downs of real cases. |
| RC club | A remote control centered club (drones, planes, cars). This will involve choosing, making and testing the object and potentially some coding. |
| Science Club | The purpose of my club is to facilitate interest in various scientific fields by dedicating our club meetings to performing labs and answering our members' questions about all topics in science. We will also plan the Science Symposium and get a speaker who can inspire the student body about the pursuit of science. |
| Astrophysics Club | Provides an opportunity for students to expand their knowledge of Astrophysics due to the lack of official classes. Students will learn many concepts and independently train for the Astrophysics Olympiad. |
| FBLA | Future Business Leaders of America is a highly prestigious business competition and the largest business oriented student-career organization in the world. We want to provide Overlake students with opportunities to explore the business world through FBLA while allowing for opportunities to compete to demonstrate leadership, teamwork, communication, and other vital skills. |

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| National History Day | <p>National History Day club revolves around the NHD contest, in which students choose a topic and dive deeply into the past by conducting extensive research in libraries, archives, and museums; we then present our work through various medias. Regardless of contest participation, NHD is an invaluable opportunity to showcase research skills and experience college-level self exploration in a topics in the humanities.</p> | |
| 3D Design and Printing | <p>The 3D design and printing club will be focused on teaching its members the basics of 3D design using the online software Tinkercad. If the members display full mastery, the course will progress to learning Autodesk Fusion 360, a more powerful software. Members will also learn the basics of 3D printing including what it is, terminology, and how a 3D printer works. Still, most of the curriculum will be devoted to learning how to design 3D models.</p> | |
| The Uplift Club | <p>Initiative, where we aim to provide peer-to-peer mentorship services to students attending Title I elementary and middle school. Our goal is to pair Overlake mentors with elementary/middle school students based on similar interests. Essentially, if an Overlaker is passionate about astronomy, they will be paired with a mentee who has mentioned an interest in space. Recognizing the need for more permanent resources to be dedicated to underfunded Title I schools, we hope to establish partnerships with this target demographic to provide mentorship and support to the students. Through our mentorship, we hope to bridge a relationship with these students to motivate an interest in education and pursuit of passion. During the club blocks we will plan out our mentorship activities as a group, tailoring our work to the feedback of our mentees and teachers at the partner schools. This includes</p> | |
| Key Club | <p>partnership with Kiwanis International, aiming to involve high school students nationwide in community services. With over 251,000 students across the globe in over 40 countries, KEY Club allows high school students to engage in their community while discovering and growing their leadership skills. Our club is a KEY Club-certified chapter, and being a member means you will be part of an international group of students striving to make the world a better place. You'll even get an ID Card :) Last year marks the first year of KEY Club at Overlake, which involved paying hefty club dues and a large certification process. We were</p> | |
| FBLA | | |

Club 2
Club

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| <p>Applied AI</p> | <p>Advances in AI have the potential to revolutionize every field of study. Have you ever wondered how such a useful tool works or wanted to create your own? Applied AI offers a unique opportunity to delve into AI and its applications in business, robotics, and environmental sustainability. It provides an entrepreneurial perspective on AI and its applications with intersections in tech, business, and other STEM fields. As a member, you'll gain hands-on experience in designing and developing AI models, such as the innovative AI waste detector, and leverage these models to compete in prestigious business competitions like the Blue Ocean Competition and even deploy them to help the community. Join us to enhance your skills, collaborate on innovative projects, and make a tangible impact by applying AI solutions to real-world problems. You may just learn how to found the next OpenAI or create the next ChatGPT!</p> |
| <p>Neuroscience and Psychology Club</p> | <p>We will continue to engage club members in meaningful discussions, experiments, and other exciting activities to learn and explore about the brain and mind, both from the neuroscience and psychology perspectives.</p> |
| <p>Outreach Club</p> | <p>Outreach Club runs projects at Overlake to support nonprofits and give back to the community. Specifically, most of our projects are dedicated to aiding and supporting the unhoused in the local area.</p> |
| <p>Rock Climbing Club</p> | <p>The idea of rock climbing club is to have a space for students to take a break from school and climb. The club would be for all experience levels. We would have lessons on belaying, etiquette, and climbing skills.</p> |
| <p>The Overlake Environmental Club</p> | <p>We aim to inform the student body on environmental issues and engage them in the solutions. Furthermore, we are working to bridge the gap between students and administration to further our goal of making Overlake a leader in being an environmentally conscious school.</p> |
| <p>The Overlake Hoot</p> | <p>The Overlake Hoot is Overlake's student newspaper that produces a major publication in each quarter, but students are free to publish their work throughout the school year and summer. Students can publish different art mediums, poetry, photography, short stories, interviews, Op-Eds, and more! Members can also choose to be asynchronous which means they publish work within The Hoot, but don't come to the club meeting due to conflicts.</p> |

The Thought Collective

In this club, we'll be doing interactive activities with our members that spur discussions surrounding social media and psychology. We have already worked with our members to create a community of people who are interested in discussing different perspectives with each other on things like implicit bias, our experiences with social media growing up, and hope to expand our club to be more structured and do more activities to work together as a club with the experience we have gained this semester running it. At our club, members will learn more about their internal personalities and be able to share their perspectives and experiences in the lens of social psychology. We will continue to talk about things that our club members are interested in like manifestation, science of attraction, and internal biases.

Women in STEM

The focus of our club will be promoting and developing a deeper understanding and appreciation for STEM subjects for female students. During club time, we will do labs and other STEM based projects, as well as working on the WiSTEM chapter goals: Mentorship, Networking, and Outreach. Using resources from the organization, we will connect club members to the wider WiSTEM global network, as well as invidious mentorship opportunities aligned with subjects of their interest. We also hope to arrange outreach events and will include our club members in deciding, planning, and facilitating those.

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| <p>Video Game Development Club</p> | <p>Welcome to the Game Development Club! Whether you're a seasoned coder or just starting out, this club is for anyone with a passion for creating games. Our goal is to teach you how to develop games using PyGame and Unity, with a chill environment and opportunities to share your games with each other. Snacks will also be available if you want some refreshments. In our club, you'll have the chance to: Learn the fundamentals of game development, including coding, sprite creation, and game design; Participate in "pass-it-on" game projects, where a game is passed on throughout the group, with each member making their own contribution; Take part in game jams, which are fun, time-limited challenges to create a game from scratch; Work on your own game projects, with support and guidance from fellow members and club leaders. Our club is flexible and suits all levels of experience and commitment: If you want to dive deep and work extensively on your game, you can invest time outside of club meetings to refine your project; If you prefer a more relaxed approach, you can attend club sessions to learn and contribute at your own pace. By the end of the year, you'll have gained the skills to create your own games. Join us and bring your game ideas to life!</p> |
| <p>Math Club</p> | <p>Math club is for anyone who is interested in math or just wants a place to chill (with math/stats tutoring!). We will be playing college bowl, watching fun math videos, and learning cool math tricks or proofs while preparing for competition together, if the club feels up to the challenge. There will be lots of food (including boba) and as a club we hope for everyone to find the fun in math!</p> |
| <p>BIND Club (Connecting Generations)</p> | <p>We will organize trips for Overlake high schoolers to go to retirement homes in the Redmond/Bellevue area to interact with residents.</p> |
| <p>Science Bowl</p> | <p>Our goal is to apply scientific knowledge gained in a classroom across varying disciplines and methods, enhancing intellectual curiosity through hands-on experiences and collaboration. We will practice many events ranging from Chemistry to Biology and even Quantum Mechanics. This year we will focus less on competition and more on intellectual curiosity. We will expand to studying Science Bowl, and will have more engaging and collaborative activities during club time.</p> |

Civil Engineering Club

In Civil Engineering Club, we do three things: Build, Test, Destroy. Each meeting is completely hands-on and task-based, where people of all skill levels and experiences roll up their sleeves and make (or break) building models from scratch. Through challenges like straw towers, popsicle stick bridges, and water filters, members will get to practice and improve their handiwork, problem-solving skills, creativity and understanding of important engineering and structural concepts. Throughout the year, we will test the strength of our creations with weights, an earthquake shake table, and maybe even a flood simulation! And yes, there will be plenty of opportunities for demolitions and experiments. Join Overlake Civil Engineering Club!

Booming Business and Investing Club

Booming Business and Investing is a club that focuses not only on the education and the spreading of knowledge for topics regarding Business and Investing, but also one that gives hands-on opportunities to immerse the participants into the world of business and investing. The club will entail a simulation stretching for the period of the year in which students will invest fake money into a digital stock market that mimics the one we have today, a competition that the students can partake in with the incentive of a prize, but the real benefit being the experience and knowledge that they'll inevitably pick up. In addition, the students will receive lectures from numerous sources, such as students at places such as Wharton, people who mine cryptocurrencies, etc. Amir and I are excited to run this club as we want to share the knowledge that we were fortunate enough to pick up from our own interest in this topic, and also learn along the way, as we can embark upon a year in which we teach others some of our favorite subjects.