



LEAD EXTRACURRICULARS

SPRING 2024 SESSION



Business Case Competition

February 22 - April 11 (9 weeks) • Thursdays @ 8:00pm-10:00pm PT • Grades 9-12

Learn the fundamentals of finance and how to perform strategic analysis of companies and industries. Explore business case studies and participate in a live, college-style case competition. Perfect for aspiring business, economics, accounting, and finance majors.

Fundamentals of Code Development

January 16 - March 8 (8 weeks) • Tuesdays @ 5:00pm-7:00pm PT • Grades 8-10

Learn the basics of coding in a beginner-friendly, game development context. Learn the core concepts of Python in class lectures and put them to practice during hands-on labs. Excellent for beginners who want to pursue computer science in college.

Intellectual Colloquium & Essay Workshop

Spring 2024 Topic: "Media Literacy"

January 12 - February 16 (6 weeks) • Fridays @ 5:30pm-7:30pm PT • Grades 10-12

Explore challenging, contemporary, and forward-looking issues, read thought-provoking texts recommended by renowned universities, build intellectual curiosity through productive discussion and debate, and craft compelling essays for writing competitions.

Machine Learning Projects

January 16 - March 8 (8 weeks) • Thursdays @ 5:00pm-7:00pm PT • Grades 10-11

Explore the basic concepts of Machine Learning through hands-on labs and lectures. Discover tools and data sets used in the field, and finish the program with your very own Machine Learning project.

Math Competition Club

January 10 - March 30 (12 weeks) • Grades 6-12

Lower Division (6th-8th graders) • Saturdays • 10:00am-11:30am PT

Upper Division (9th-10th graders) • Wednesdays • 5:30pm-7:00pm PT

Prepare for math competitions including the AMC 8/10/12, MOEMS, AIME, and USAMO. Gain the analytical experience and problem-solving skills to build great college applications and prepare for future STEM careers.

Research Proposal Program

February 12 - April 5 (8 weeks) • Grades 10-12 • Pre-Med - Dr. Clattenburg (Johns Hopkins PhD)

Lecture Phase: Feb 12-26 (3 weeks) • 1:1 Guidance: March 4-16 (2 weeks) • Writing Phase: March 18 - April 5 (3 weeks)

Lectures: Mondays @ 6:30pm-8:30pm PT (2/12-26)

Develop a research proposal with a college professor. Showcase your intellectual curiosity and ability to take on rigorous projects. Strong reading and writing skills required.