



Sato Academy of Math and Science
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SATO PROGRAM DESCRIPTION

Enhancing College and Career Readiness through STEM education in Engineering and Biomedical Sciences for all students.

Sato Academy of Mathematics and Science is a comprehensive four-year high school located near the campus of California State University, Long Beach (CSULB). Sato's mission is to increase the nation's pool of college graduates in the fields of Science, Technology, Engineering, and Math (STEM) by offering an intensive college-preparatory education to motivated high school students. Sato serves public and private schools both in and near Long Beach. Students can earn transferable university credit by taking college courses through CSULB for a nominal fee or free through LBCC. Sato's program utilizes Project Lead the Way (PLTW) curriculum for Engineering and Biomedical Science pathways. The required curriculum for Sato far exceeds the University of California admission requirements, and we encourage all students to go on to college immediately following high school graduation. All students will have foundational coursework in both Engineering and Biomedical Science in the 9th grade. In the 10th grade students will choose one industry focus the remainder of high school. Activities and clubs are accessible to all students to gain a greater understanding and hands on experience in both career pathways.

Interested students apply to Sato through ParentVue only during grade eight. Students will submit the High School Choice online application, which can be obtained only through the parent's ParentVUE account. While there are no sports at Sato, there is an intramural basketball team, band and orchestra.

SATO PROGRAM HIGHLIGHTS

- **Engineering and Biomedical Science Pathways utilizing PLTW and core content industry integration.**
- **Located near a university campus, students can take university classes as part of their elective program of study.**
- **Experience with real-world problem solving, with collaboration through interdisciplinary projects & classwork.**
- **School culture strongly supports students in obtaining college admissions and career readiness.**
- **Student body clubs and spirit activities are highly encouraged and supported on campus.**
- **AP Seminar & AP Research potentially leading to the AP Capstone Diploma.**

Core Curriculum for the Class of 2025

Grade	Math	Science	English	Social Science	Foreign Language	PE
9	Accelerated Geometry	Accelerated Medical Biology and Engineering Design (PLTW) and Human Body Systems (PLTW)	Accelerated English 1-2		Spanish	Introduction to Kinesiology
10	Accelerated Algebra II	Physics <i>and</i> Choice of either <ul style="list-style-type: none">• Principles of Engineering (PLTW) or• Anatomy and Physiology	Accelerated English 3-4	Big History	Spanish	Advanced Kinesiology
11	Honors Pre Calculus or IDS	Honors Chemistry <i>and</i> Choice of either (PLTW) <ul style="list-style-type: none">• Computer Integrated Manuf or• Medical Interventions	English 5-6 or AP Language & Composition	U.S. History - AP option	Spanish Option	Fitness & Conditioning
12	AP Calculus, AP Statistics, or IDS	Pathway Capstone (PLTW): <ul style="list-style-type: none">• Engineering Design & Development or• Biomedical Innovation	AP Lang & Comp AP Lit & Comp, or ERWC	U.S. Gov't-AP Option/Econ	AP Spanish Option	

PLTW = Project Lead the Way

REQUIREMENTS FOR CONSIDERATION

- A 3.0 cumulative, academic GPA from sixth & seventh grades.
- Currently enrolled in Algebra I
- *Students who meet the minimum qualifications are selected by their rank choice for Sato. If there are more students in a rank tier than can be accommodated, selection will be based on academic GPA, from high to low.*

Nondiscrimination Statement The Governing Board desires to provide a safe school environment that allows all students equal access and opportunities in the district's academic, extracurricular, and other educational support programs, services, and activities. The Board prohibits, at any district school, or school activity, unlawful discrimination, harassment, intimidation, and bullying of any student based on the student's actual or perceived race, color, ancestry, national origin, nationality, ethnic group identification, ethnicity, age, religion, actual or potential marital, parental or family status, physical or mental disability, sex, sexual orientation, gender, gender identity, or gender expression; or association with a person or group with one or more of these actual or perceived characteristics.