



2022-2023 PROFILE

CEEB CODE: 051786

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thescienceacademystemmagnet.org

OUR LEARNING COMMUNITY

The Science Academy STEM Magnet is a public, college preparatory, magnet school for grades six through twelve. We offer a college-bound curriculum that nurtures students' intrinsic motivation for learning and encourages students to surpass expectations. We seek to prepare our students for careers that will shape our nation's future by incorporating science, technology, engineering, and mathematics across academic disciplines.

The middle school was founded in 2016 and the high school was established in 2018. The Class of 2022 was our first graduating class for the high school.

Located in North Hollywood, California, the school draws its diverse student population from the Los Angeles Unified School District (LAUSD), the second largest school district in the nation.

The Science Academy STEM Magnet is accredited by the Western Association of Schools and Colleges and is LAUSD STEM/STEAM certified.

CLASS OF 2023
32 students

GRADE POINT AVERAGE

(after 6 semesters)

3.754 (unweighted)
4.337 (weighted)

STANDARDIZED TESTING: SAT

(as of August 2022, 97% of the Class of 2023 have taken the SAT)

mid 50%	mean
SAT EBRW	649
SAT MATH	655
SAT Total	1304

NATIONAL MERIT SCHOLARSHIP RECOGNITION

7 Commended Scholars

GRADING SYSTEM

The official LAUSD grade-point average (GPA) is based on a modified weighted scale (A = 4, B = 3, C = 2, D = 1, F = 0) for grades 9 through 12. AP courses are given an additional 0.025 grade point. College courses that meet the graduation requirements (Spanish I & II, Health & Drawing) are included in the official GPA but are not weighted. College courses taken as electives and through Concurrent Enrollment are not included in the official GPA. Honors courses are not weighted.

CARLOS LAUCHU
Principal

JODI HUFF
Dean of Students
Magnet Coordinator

JOSHUA ROSENTHAL
Assistant Principal

LINA HODALI
Counselor

OUR TEACHING FACULTY

100% of our 18 full-time teachers hold advance degrees and are actively involved in the school community. To facilitate a balanced and engaging learning environment, teachers support extra-curricular activities and take on roles such as coach, club sponsor, tutor, and advisor. Given the small size of our school community, students are able to build a rapport with faculty that enhances the overall learning experience.

OUR STUDENTS

The Science Academy's 468 students are culturally, racially, and socioeconomically diverse, with 62% of students identifying as students of color and 30% of students from low-income families.

With inquiring and analytical minds and a willingness to embrace hard work, our students develop the critical thinking skills, knowledge, and discipline that will enable them to excel in college and beyond.

Students apply for admission via LAUSD's Choices Application, the magnet enrollment process, which includes a lottery. To be eligible for the admissions lottery to the Science Academy STEM Magnet, applicants must meet certain prerequisites based upon a mandatory assessment, state test scores (SBAC, CAST), and grades.

LAUSD HONORS + DISTINCTIONS

In the spring semester of 12th grade, official LAUSD GPA is used to select students for valedictorian, salutatorian, and other awards, as well as to designate honors (3.00 to 3.59), high honors (3.60 and above), Superintendent Honor Roll (3.80 and above), and to determine class rank.

** Because of the small size of the graduating class, the Science Academy STEM Magnet does not report class rank.*

AP EXAMS: MAY 2022

A total of 256 Advanced Placement Exams were taken by 88 students in May 2022 with a pass rate of 100%

POST-SECONDARY: CLASS OF 2022

100% of students matriculated from the Class of 2022 and are continuing their post-secondary education at a four year university or college.

2023 CALIFORNIA DISTINGUISHED SCHOOL

Recognized by the State of California for Exceptional Student Performance.

RESPONSE TO COVID-19

Distance learning began in March 2020 and continued through June 2021. In accordance with LAUSD policy, a *Hold Harmless* grading policy was applied for the Spring of 2020. For the 2020-2021 school year, students were graded under the school's traditional grading system with classes taught in a synchronous/ asynchronous schedule. As of August 2021, the Science Academy STEM Magnet has resumed full day, in-person instruction.

COURSE OFFERINGS

The Science Academy STEM Magnet's academic program offers a rigorous, STEM-focused curriculum. All students participate in AP courses beginning in the 9th grade. Through community college Dual Enrollment programs, students take Spanish, Art History, Health, and a variety of electives. Students are also required to complete two years of Physical Education, US Government, and Economics.

CURRICULUM

ENGLISH (4 years required)

American Literature (H)
Contemporary Composition (H)
English Literature (H)
Expository Composition (H)
Modern Literature (H)
World Literature (H)
AP English Language & Composition
AP English Literature & Composition

HISTORY & SOCIAL SCIENCES (3 years required)

AP US Government
AP US History
AP World History
Honors US History

MATH (3 years required)

Advanced Math (H)
Algebra II/Pre-Calculus (H)
Geometry (H)
AP Calculus AB
AP Calculus BC
AP Statistics

SCIENCE (2 years required)

Biology (H)
Chemistry (H)
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Physics C

THE ARTS (1 year required)

2-D Art (C)
Art History (C)
Drawing (C)
Filmmaking

ELECTIVES (1 year required)

AP Computer Science
AP Macroeconomics
Child Development (C)
College + Career Exploration
Communications (C)
Computer Programming + Game Design
Health (C)
Finance (C)
Physiology
Science Technology + Research
Sociology (C)

WORLD LANGUAGE (2 years required)

Spanish I (C)
Spanish II (C)
Spanish III (C)

(H): Honors (C): College Level

COLLEGE PROGRAM

DUAL ENROLLMENT

Beginning in ninth grade, all students at the Science Academy STEM Magnet enroll in college classes through Dual Enrollment programs offered by Los Angeles community colleges. By taking dual enrollment classes, students are able to fulfill high school graduation requirements while simultaneously earning college credits.

EXTRACURRICULARS

The Science Academy STEM Magnet sponsors a broad offering of extracurriculars, such as athletics, competitive teams, and over 30 interest and service-based clubs and organizations.

ATHLETICS *

- Baseball
- Basketball (boys + girls)
- Cheer
- Cross Country
- Football
- Soccer (boys + girls)
- Softball
- Swimming
- Volleyball (boys + girls)

CLUBS + SERVICES

- Armenian Club
- Aviation
- Chess Club
- Environmentalism
- Finance + Investing
- Jewish & Israeli Culture
- Korean Culture
- PreMed/FDA
- Red Cross Club
- UNICEF CLUB

COMPETITION

- Academic Decathlon
- Robotics
- Science Bowl
- Science Olympiad
- Speech + DEbate
- StellarXplorers

**We are co-located on an LAUSD campus with another LAUSD high school, East Valley High School. Our students play on the high school sports teams together with students from East Valley High School.*

CALCULUS-PHYSICS CONNECTION

In eleventh grade, students take Calculus-based Physics concurrently with AP Calculus from a single instructor. By emphasizing the interrelation between Calculus and Physics, this integrative approach to teaching encourages learning that is mutually reinforcing and synthesized across academic disciplines.