

THE SCIENCE ACADEMY

STEM MAGNET

thescienceacademystemmagnet.org

HIGH SCHOOL PROFILE 2020-2021

CEEB CODE: 051786

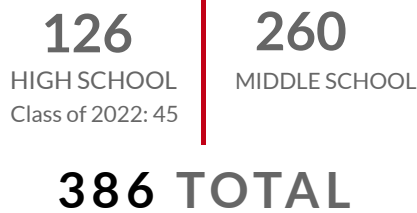
OUR MISSION

The mission of the Science Academy STEM Magnet is to empower a diverse community of students to discover their maximum potential through a supportive, STEM-based educational experience that combines rigorous study with inquiry-based teaching, and inspires lives filled with learning, innovating, and contributing towards a better tomorrow.

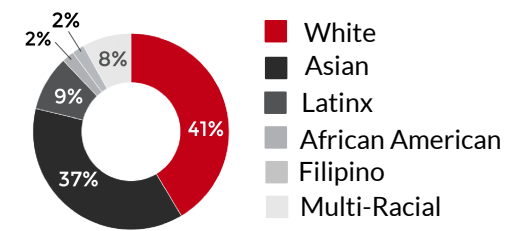
SCHOOL FACTS

The Science Academy STEM Magnet is a public, college preparatory magnet school for grades six through twelve. The middle school was founded in 2016 and the high school was established in 2018. The Class of 2022 will be the first graduating class for the high school. Located in North Hollywood, the school draws its socioeconomically, ethnically, and culturally 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 Western Association of Schools and Colleges and is LAUSD STEM/STEAM certified.

ENROLLMENT:



DEMOGRAPHICS:



ADMISSIONS:

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

FACULTY:

15 full-time members holding advanced degrees, of whom **14** hold masters degrees and **1** holds a doctoral degree.

CARLOS LAUCHU
Principal

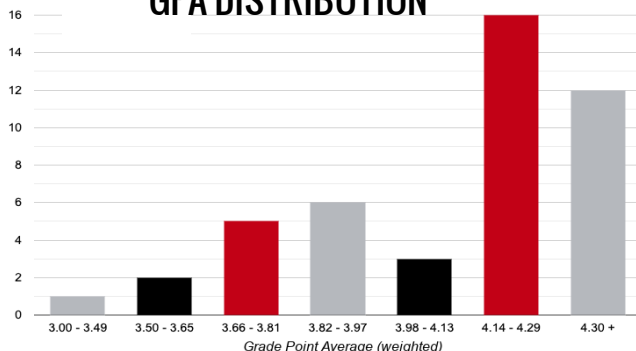
JOSHUA ROSENTHAL
Assistant Principal

JODI HUFF
Dean of Students/Magnet
Coordinator

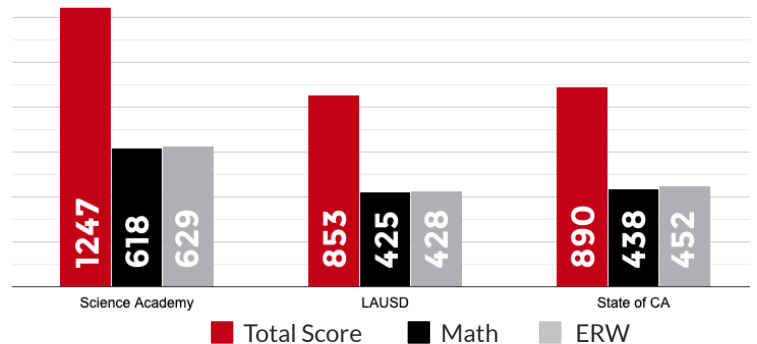
LINA HODALI
Counselor
lnh6322@lausd.net

GPA & TEST SCORES

GPA DISTRIBUTION*



FEBRUARY 2020 PSAT 10



*The Science Academy STEM Magnet does not report class rank

ACADEMICS & CURRICULUM

The Science Academy STEM Magnet's academic program offers a rigorous, STEM-focused curriculum. All students participate in AP and college courses beginning in the 9th grade. Students carry 1 AP course in 9th grade, 2 to 3 AP courses in 10th grade, 5 to 6 AP courses in 11th grade, and 6 AP courses in 12th grade. Through community college Dual Enrollment programs, students take Spanish, Art, Health, and a variety of electives. Students are also required to complete two years of Physical Education.

COURSE OFFERINGS:

100% of students enroll in AP course offerings beginning in the 9th grade.

ENGLISH (4 years required)

- English Literature (H)
- World Literature (H)
- AP English Language & Composition
- AP English Literature & Composition

MATH (4 years required)

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

SCIENCE (4 years required)

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics

HISTORY & SOCIAL SCIENCES (3 years required)

- AP Economics
- AP US Government
- AP US History
- AP World History
- Art History (C)

WORLD LANGUAGE (3 Levels required)

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

THE ARTS (1 year required)

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

ELECTIVES

- AP Computer Science
- Child Development (C)
- College & Career Exploration
- Finance (C)

AP CAPSTONE (2 years required)

- AP Seminar
- AP Research

(H): Honors (C): College Level

COLLEGE PROGRAMS:

DUAL ENROLLMENT PROGRAM

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. The classes are generally taught at the high school campus but are currently being offered remotely due to COVID-19. Through the Dual Enrollment program, students in the Class of 2022 have completed college classes in 2-D Art, Art History, Child Development, Finance, Health, and Spanish I, II, and III.

CONCURRENT ENROLLMENT PROGRAM

Many of the high school students at the Science Academy STEM Magnet have opted to take additional college classes during winter and summer breaks through Concurrent Enrollment programs offered by Los Angeles community colleges. Through this program, students in the Class of 2022 have completed courses which include, but are not limited to Broadcasting, Introduction to Computers, Philosophy, and Psychology.

GRADING SYSTEM:

The official grade-point average (GPA) is based on a modified weighted scale (A = 4, B = 3, C = 2, D = 1, F = 0). AP and college courses that meet graduation requirements (Dual Enrollment) are given an **additional .025 grade point**. College course taken through Concurrent Enrollment are not included in the official GPA. **Honors courses are not weighted.**

**The Science Academy STEM Magnet does not report class rank.*

AP CAPSTONE:

All 11th and 12th grade students participate in AP Capstone, a program based on two, yearlong courses : *AP Seminar* and *AP Research*. These courses help students develop skills in critical thinking, research, collaboration, time management, and presentation while drawing upon students' interests in a wide variety of subjects and disciplines. Students who earn a score of 3 or above in four or more AP courses and complete the two foundational courses are eligible for an AP Capstone Diploma. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate.

COVID-19 STATEMENT:

As a result of the COVID-19 pandemic, the school moved to a distance-learning model that began in March 2020 and lasted through the end of the 2019-2020 school year. In accordance with LAUSD policy, a Hold Harmless grading policy was applied for the spring of 2020.

As mandated by LAUSD, the 2020-2021 year began and continues to be on a distance learning schedule. The Science Academy has implemented a synchronous/asynchronous schedule that includes weekly advisory periods. Students attend each year-long, full-credit class for two 60-minute periods in a standard week, with corresponding asynchronous coursework and homework. Students will be graded in accordance with the school's traditional grading system.

THE SCIENCE ACADEMY STEM MAGNET

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