



HAWTHORNE MATH AND SCIENCE ACADEMY



Information Night
Class of 2027

www.hawthornemsa.org



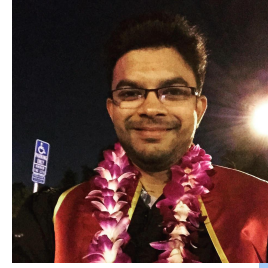
Located in the
HEART of
Hawthorne



OUR MISSION



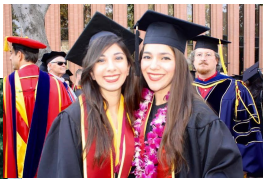
- All students graduate with the academic and social knowledge, skills, and abilities to succeed at a university and in a career, demonstrating a commitment to their civic responsibilities.
- We are the ideal school for all who seek a rigorous college prep program and an environment committed to educational excellence.

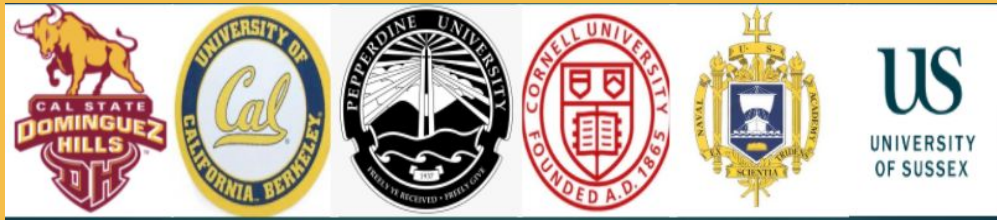


OUR VISION



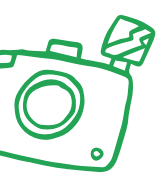
- We are committed to preparing all students—regardless of gender, ethnicity, primary language or special needs status—for future success.
- All students will be held to the same high expectations and provided resources/support to ensure success based on academic and social needs.





HMSA ALUMNI have graduated from :

<p>Cal Poly Pomona Cal Poly San Luis Obispo CSU Chico CSU Dominguez Hills CSU Fresno CSU Fullerton CSU Los Angeles CSU Long Beach CSU Northridge</p>	<p>Cornell Embry-Riddle Georgetown Georgia Tech Loyola Marymount MIT Occidental College Pepperdine Pomona College</p>	<p>Princeton San Diego State San Jose State Stanford Texas A&M Tufts University of Sussex USC U.S. Naval Academy</p>	<p>UC Berkeley UC Davis UC Irvine UCLA UC Merced UC Riverside UC Santa Barbara UC Santa Cruz UC San Diego</p>
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SCHOLARSHIPS AWARDED:

follow @HMSA_Aviators



CAASPP DATA 2021-22

2022 Results 11 th grade	Language Arts	Mathematics
California	54.8%	27.0%
Los Angeles County	56.45%	31.2%
HMSA	87.21%	52.5%
LMSTA	68.31%	36.6%
Animo Leadership	60.8%	18.6%
Da Vinci Science	88.9%	60.6%
Da Vinci Design	50.8%	19.2%
CVUSD	45.66%	15.3%



CSU Performance Comparisons

<i>Class of 2019</i>	State	Da Vinci Science	CAMS	Lawn.	Leuzinger	HMSA
AVG HS GPA	3.50	3.08	3.68	3.39	3.35	3.36
AVG Math SAT	544	529	657	487	480	551
AVG Verbal SAT	544	537	619	502	488	551
Retention	85%	85%	98%	85%	79%	100%
First Year College GPA	3.13	3.05	3.02	3.06	2.87	3.42
Did GPA Drop?	-0.37	-0.03	-0.66	-0.33	-0.48	+0.06

In their first year of college, HMSA students do NOT have a GPA grade drop!



CSU Performance Comparisons

<i>Class of 2020</i>	State	Da Vinci Science	CAMS	Lawn.	Leuzinger	HMSA
AVG HS GPA	3.53	3.24	3.62	3.31	3.37	3.40
AVG Math SAT	539	534	629	462	474	569
AVG Verbal SAT	540	551	605	487	490	557
Retention	96%	95%	95%	95%	97%	96%
First Year College GPA	3.19	3.07	3.31	2.92	2.83	3.24
Did GPA Drop?	-0.34	-0.17	-0.31	-0.39	-0.54	-0.16

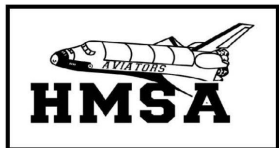
In their first year of college, HMSA students did have a GPA grade drop.

University Enrollment for Class of 2020

Class of 2020's College Going Rate

South Bay High Schools

Name	High School Completers	Enrolled In College	College Going Rate %
Hawthorne Math and Science Academy	125	112	89.6%
Redondo Union High	703	626	89.0%
Lennox Mathematics, Science and Technology Academy	140	122	87.1%
El Segundo High	279	242	86.7%
South High	482	417	86.5%
West High	501	433	86.4%
California Academy of Mathematics and Science	160	136	85.0%
Environmental Charter High	123	104	84.6%
Animo Leadership High	141	116	82.3%
Da Vinci Science	145	117	80.7%
Torrance High	417	328	78.7%
North High	403	312	77.4%
Da Vinci Design	146	109	74.7%
Da Vinci Communications	78	58	74.4%
Leuzinger High	432	278	64.4%
Lawndale High	521	318	61.0%
Hawthorne High	387	236	61.0%
Los Angeles County	102291	63289	61.9%



The Recipe for Success



- **Motivation**
- **Accountability**
- **Respect**
- **Kindness**



How will you leave a positive **MARK** by demonstrating these characteristics?



A College Prep Curriculum

Meets or surpasses University of California (UC) A-G requirements www.ucop.edu/agguide

HMSA schedule

- Mondays: All classes except CP (shortened periods)
- Tuesdays & Thursdays: Odd periods (100 minute instructional block)
- Wednesdays & Fridays: Even periods (100 minute instructional block)
- 3 classes each day plus a Study Hall or Enrichment class
- 230 credits required to receive high school diploma

Subject	# of classes	credits to earn
English	4	40
Math	4	40
Lab Science	4	40
History	3	30
Foreign Language (Spanish)	3	30
Physical Education	2	20
Visual Arts	1	10
Computers	0.5	5
Life Skills	0.5	5
Electives	1	10





Advanced Placement (AP) Classes Offered...

Advanced Placement (AP) classes offered:

Science

- AP Physics
- AP Environmental Science
- AP Biology

Math

- AP Calculus AB
- AP Calculus BC

Computer Science

- AP Computer Science Principles

English

- AP English Language
- AP English Literature

Spanish

- AP Spanish Language

History

- AP World History
- AP US History
- AP Government

2021 AP Stats...

- HMSA's pass rate: 72%
- Global pass rate: 56%
- 171 HMSA students took 278 exams
- ~ __% of 10th-12th grade students took at least 1 exam
- HMSA pays for 100% of the exam fees

2022 AP Stats...

- HMSA's pass rate: 80%
- Global pass rate: not released
- 175 HMSA students took 279 exams
- ~ __% of 10th-12th grade students took at least 1 exam
- HMSA pays for 100% of the exam fees





CP Study Hall:

Students have the opportunity to get a head-start on homework with the support of a classroom teacher.

CP Sports

Practice & game time for students eligible to participate in sports without taking time away from academics

CP Study Hall and CP Specialty Courses



- CP Specialty:
- Black Student Union
 - Yearbook
 - Project LIT Book Club
 - Film Study
 - Environmental Club
 - Newspaper
 - Created to Create - ART
 - Key Club
 - Life Skills
 - Computers Support
 - MESA
 - Sports



Summer Bridge/Link Crew

HMSA 9th graders participate in a peer mentorship program (Link Crew) that supports students in making a successful transition to high school.

Examples of other Supports



Link Crew Leaders meet with their group during Summer Bridge (4 days in August with activities and lessons) and throughout 9th grade to assist with academic progress and social adjustment.

Before and/or After School

Study Hall beyond the school day for teachers to provide additional support to students in subject areas.

Counseling Staff

Counselors support students with academic, social-emotional, and college and career needs from 9th grade to graduation.

Parent Communication



PowerSchool Parent

- Real time grade book with internet access for parents and students.
- Access student grades and attendance.
- Parents can create weekly reports that are delivered to their email.



Weekly School Messenger

Calls and emails to keep families informed!

- ▶ School reminders & updates
- ▶ Parent meetings
- ▶ Club meetings
- ▶ Sports Events
- ▶ Fundraisers



Family Engagement and Leadership...

School Site Council

- Parents, students, and staff are elected to this committee that oversees the School Plan for Student Achievement (SPSA).
- Monthly meetings during school year; open to public.

English Learner Advisory Committee

- Parents and staff comprise this committee to provides input on instructional programs and supports for English Learners
- 4-5 meetings during school year; open to all parents of current and former English Learners

Parent Booster Club

- Purpose is to plan and raise funds for events that enhance the experience of all students, families, and staff.
- Open to all parents/guardians of HMSA students; opportunities to serve as a PBC officer or on a committee
- Monthly meetings during school year; no membership fee
- Help in fundraising efforts, and support local businesses, by purchasing gift cards from our community partners



Family Engagement and Volunteerism...

Parents are a vital part to the success of HMSA and its students and staff and are encouraged to contribute 40 volunteer hours each year.



Meetings

- Parent Booster Club
- Committees (SSC, ELAC)
- Hawthorne Parent Academy (HPA)
- Counseling seminars

Events

- Back to School Night & Open House
- Support / chaperoning for dances, study trips, and other school-sponsored events

Fundraisers

- Gift Cards to local businesses
- PBC "Spirit Shirts"
- Restaurant fundraisers
- Logo Days

The School Uniform



• Top:

- Navy blue, dark green or white polo with HMSA logo



• Bottoms

- Khaki or Navy Blue Pants, shorts, or skirts

• Sweater/Jacket

- Sweater or jacket with HMSA logo only

• Other Items

- Belt, closed-toe shoes & HMSA student ID



The PE Uniform



- **Top:**
- personalized short-sleeved or long-sleeved t-shirt



- **Bottoms**
- shorts or sweatpants

- **Shoes**
- Sweater or jacket with HMSA logo only

- **Optional items**
- personalized sweatshirt, plain leggings to wear under shorts

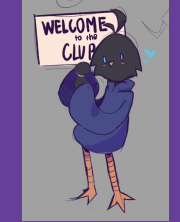
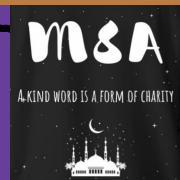


Place order online using PE Uniform Order Form found on website.

Clubs and Student Groups...



- ☛ Associated Student Body (ASB)
- ☛ American Sign Language (ASL)
- ☛ Black Student Union
- ☛ Cartoon and Animation
- ☛ Dance
- ☛ Environmental Club
- ☛ Great Neighbors
- ☛ Key Club



- ☛ Link Crew
- ☛ Math Engineering Science Achievement
- ☛ Medicine & Research Inquiry
- ☛ Muslim Student Association
- ☛ Multicultural Club
- ☛ Newspaper
- ☛ Peer Advocates
- ☛ Sound Club
- ☛ Theater & Film Club
- ☛ Tolerance Club
- ☛ Yearbook



Aviator Sports...

Cross Country



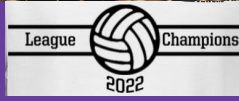
Game Days

Athletes allowed to wear team uniform at school.

Sports Rallies

Support and recognition of HMSA student-athletes.

Volleyball



Basketball



Soccer



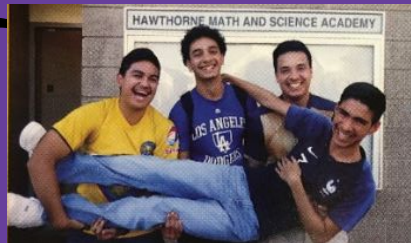
Baseball



Softball



Student Activities



Intramurals

- ★ Lunchtime sports competition; students create their teams
- ★ Sports vary from semester to semester (volleyball, basketball, etc.)

Spirit Week

- ★ Themed clothing days
- ★ Lunch activities
- ★ "Nation Ball"



Winter Formal

Formal Dance, held off campus, open to all grade levels

Senior Week

Activities at end of school year for eligible, graduating seniors.



A Break from the Norm...

Multicultural Celebration



Steps to become an Aviator



Step	Event/Task	Date/Time
1	Complete Interest Form to receive more information	Ongoing
2	Attend HMSA Information Night	December 13, 2022 (via Zoom), 5:00-6:00 pm January 19, 2023 (in-person), 5:00-6:00 pm
3	Complete Application	Opens January 20, 2023; Closes February 10, 2023
4	Lottery (if needed)	February 24, 2023
5	Notification of Admission	February 27, 2023
6	Deadline to Accept or Decline Admission Offer	March 17, 2023
7	Deadline to Complete Registration and submit documents	April 21, 2023
8	Placement Testing & Campus Tours for students	April 29, 2023
9	Summer Bridge and Family Orientations	August 7-10, 2023 (8:30 am - 12:30 pm each day)

Creating your SchoolMint account (part 1)

HAWTHORNE MATH & SCIENCE ACADEMY
"Flying into the future."

QUICK LINKS

- Apply to HMSA
- Homework Hotspot Request

Application Steps

FALL 2023 9th Grade Application Process:

Step 1: Complete Interest Form QR Code or [click here](#)

Step 2: Attend an HMSA Information Night

Option 1: Via Zoom, Tuesday December 13, 2022, 5:00 - 6:00 p. m.

Option 2: In-Person, Thursday January 19, 2023, 5:00 - 6:00 p. m.

Step 3: Complete Application (available starting January 20th, 2023)

Other Resources:

Application Timeline

10th, 11th and 12th Grade Application Process:

Steps/Passos:

- Step 1: [Create Your SchoolMint Account](#)
- Step 2: [Log Into SchoolMint Account to Start or Update Application](#)
- Paso 1: [Crea tu Cuenta SchoolMint](#)
- Paso 2: [Accede a tu Cuenta SchoolMint](#)

HMSA Aviator
HAWTHORNE MATH & SCIENCE ACADEMY

Be Prepared:

- Set a time with the student applicant to sit down and complete the application together.
- If you have a child who graduated from HMSA, please use June 1 and their graduation year when asked for graduation date.
- If your child did not attend Hawthorne School District (HSD) middle schools, but you live within HSD boundaries, you need to upload 2 documents for proof of residency: rental/lease/mortgage agreement AND utility bill, car insurance, or car registration.
- To verify if you live within the HSD boundaries go to: [Hawthorne School District - Locate My School](#)

***You can save your application and return to complete it at another time.**

Step 1: Create your SchoolMint Account

Go to <https://hawthornemsa.schoolmint.net/signup> to create a SchoolMint account. Parents can sign up using an email (preferred) OR a cell phone number.

Step 2: Log in to SchoolMint Account

Go to <https://hawthornemsa.schoolmint.net/signin> to log in to your SchoolMint account and begin your child's application.

Reminders:

- Write down your SchoolMint account username and password for future enrollment steps. All communication will be made through SchoolMint via email/text message.
- If you have questions about the HMSA Application Process, please contact the HMSA Office at (310) 973-8184 (Monday- Friday, 8:00 AM-4:30 PM).

Creating your SchoolMint account (part 2)

HMSA Online Enrollment System

Thank you for your interest in applying to Hawthorne Math and Science Academy for the 2023-2024 school year. We look forward to seeing you at an upcoming Information Night.

Applications will be accepted starting January 20, 2023. More information about the application process can be found at <https://www.hawthornemsa.org/apply>.

If you require assistance, please contact the HMSA office at (310) 973-8184.

Sign Up

Username

Confirm Username

Password

Confirm Password

By signing up, you agree to the [Terms of Service](#) and [Privacy Policy](#).

Let's Do This

If you already have an account
Please Log In

Creating your SchoolMint account (part 3)

Account Settings

1 2 3

Add Parent/Guardian Information * = Required

Relationship to student(s) *
Relationship to student(s) ▼

First name *
First name

Last name *
Last name

Home Address *
Street address, P.O. box, c/o

Apartment, Unit, Suite Number
Apartment, Unit, Suite Number

City *
City

State/Province/Region *
State/Province/Region

ZIP/Postal Code *
ZIP/Postal Code

Mobile Phone Number †
Mobile Phone Number

Home Phone Number
Home Phone Number

Work Phone Number
Work Phone Number

Email
coach.kratz@gmail.com

Contact Preference *
Select Contact Preference ▼

† Message and data rates may apply based on your wireless carrier's rate plan.

Public, Random Drawing "Lottery"

Preference for enrollment shall be given in the following order according to the HMSA charter policy:

- 1st: Siblings of alumni and currently enrolled students
- 2nd: Students who have continuously been enrolled in and completed grades 6 through 8 at a school governed by the Hawthorne School District
- 3rd: Students who have continuously been enrolled in and completed grades 7 through 8 at a school governed by the Hawthorne School District
- 4th: Students who have continuously been enrolled in and completed grade 8 at a school governed by the Hawthorne School District
- 5th: Residents who live within the boundaries served by the Hawthorne School District, proof of residency required
- 6th: Children of paid staff of the Hawthorne School District
- 7th: Residents of other school districts within California

Once capacity is reached, applicants will be placed on a waitlist in the order in which they were selected through the public random drawing. Students on the wait lists shall be carried forward from year to year.



Meeting Attendance

Before you exit the meeting, please be sure to complete the attendance form.

Link is being posted in the chat.

Thank you coming!



Parent meeting attendance

Please complete this form so you can receive resources and follow-up communication related to this meeting.

Por favor llene este formulario para recibir recursos y información relacionada con esta junta.

Parent email to send resources / Correo electrónico de padre para enviar recursos *

Short answer text

Parent's first & last name / Nombre y apellido del padre *

Short answer text

Please indicate the language of the session you attended / Indique el idioma de la sesión a la que asistió: *

English / Inglés

Spanish / Español

Child #1 interested in HMSA (first & last name) / Hijo #1 interesado en HMSA (primer nombre y apellido) *

Short answer text



HAWTHORNE MATH & SCIENCE ACADEMY

"Flying into the future."



HOME STAFF ABOUT US PARENTS ACADEMICS ATHLETICS COUNSELING ALUMNI STUDENT LIFE

QUICK LINKS

- Apply to HMSA
- Senior Information
- Homework Hotspot Request Form
- School Calendars 2022-2023
- School News - June 2022 Edition
- HMSA Athletics Calendar
- SCHOOL UNIFORMS
- PE Uniform Order Form
- In The News
- HMSA Work Permit Process
- Aviator News: The Student Newspaper of HMSA

AWARDS & RECOGNITIONS

- Ranked 6th in L.A. high schools, 13th in California high schools, 29th in US charter high schools, 121st overall in US high schools (U.S. News and World Report, 2022)
- California Distinguished School (2019, 2021)
- National Blue Ribbon School (2010, 2019)
- California College and Career Transition Award & National Semifinalist (ACT College and Career Readiness Campaign, 2016)
- Title I Academic Achievement Award (eight-time awardee)

CLUBS

> Associated Student Body	> Multicultural Club
> American Sign Language	> Muslim Student Association
> Black Student Union	> Link Crew
> Garden & Animation Club	> MESA
> Dance Club	> Newspaper
> Environmental Club	> Sound Club
> Great Neighborhood	> Theater & Film Club
> Key Club	> Tolerance Club
> Medical Research Inquiry	> Yearbook

SPORTS

Baseball ★ Basketball ★ Cross Country ★ Soccer ★ Softball ★ Volleyball

HMSA ALUMNI HAVE GRADUATED FROM...

Cal Poly Pomona	Cornell	Princeton	UC Berkeley
Cal Poly San Luis Obispo	Emory/Rutgers	San Diego State	UC Davis
CSU Chico	Georgia Tech	San Jose State	UC Irvine
CSU Dominguez Hills	George Mason	Stanford	UCLA
CSU Fresno	Long Beach State	Texas A&M	UC Merced
CSU Fullerton	NYU	Tulsa	UC Riverside
CSU Long Beach	Northwestern	University of Sussex	UC Santa Barbara
CSU Los Angeles	Oakland College	USC	UC Santa Cruz
CSU Long Beach	Pennsylvania State	UCI	UC San Diego
CSU Northridge	Pomona College	UCI	

HMSA is a dependent charter high school that has been operated by the Hawthorne School District since 2003. The school was created to provide students seeking a college preparatory high school experience with a rigorous and competitive instructional program. HMSA currently serves approximately 600 students in grades 9-12.

Join our mailing list →

Come to an HMSA Information Night and learn more about becoming an HMSA Aviator ↓

Via Zoom
Tuesday
Dec 13, 2022
5:00-6:00 PM
Zoom In English
Zoom In Spanish

In Person
Thursday
Jan 19, 2023
5:00-6:00 PM
at HMSA
4467 West Broadway
Hawthorne, CA 90250

(Meeting zoom links will also be posted on the HMSA website)

Questions? 310-973-8184 www.hawthornemsas.org

HAWTHORNE MATH & SCIENCE ACADEMY
A Two-Time National Blue Ribbon School

School Flyers powered by

A JOURNEY WORTH REMEMBERING

BUY THE YEARBOOK

PREMIOS Y RECONOCIMIENTO

- Grupo el 6^{to} lugar en las escuelas secundarias de L.A., el puesto 13 en California, el 29 en escuelas secundarias charter de EE.UU. y el 121 en escuelas secundarias de EE.UU. (U.S. News and World Report, 2022)
- Escuela Distinguida de California (2019, 2021)
- Escuela Nacional Cinta Azul "Blue Ribbon" (2010, 2015)
- Premio de Transición a la Universidad o Carrera en California y Semifinalista Nacional (ACT College and Career Readiness Campaign, 2016)
- Premio de Logro Académico Título I (otorgado 8 veces)

Únete a nuestra lista de correos →

Ven a una HMSA Noche de información ↓

COVID-19: What You Need To Know (Updated Aug. 11, 2022)

Physical and Mental Health Services

