



# HAWTHORNE MATH AND SCIENCE ACADEMY



Information Night  
Class of 2028

[www.hawthornemsa.org](http://www.hawthornemsa.org)



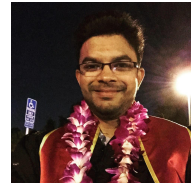
Located in the  
HEART of  
Hawthorne





# HMSA MISSION

- HMSA is committed to preparing all students--regardless of gender, ethnicity, primary language or special needs status--for future success.
- Our challenging programs prepare all students for university and career success through a rigorous, standards-based curriculum within a safe and cooperative learning community.



# HMSA VISION



- HMSA maintains a positive academic learning environment to help all students develop a college-going identity in order to transform their college and career aspirations and expectations into reality.
- 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.

# ABOUT US

- Founded in 2003
- Dependent public charter operated by the Hawthorne School District (HSD)
- Serves approximately 600 students in grades 9-12
- Enrollment preferences for siblings, current HSD students and HSD residents
- Final acceptance may be based on a lottery
- First HMSA graduating class was in 2007

## NOTEWORTHY HISTORY



Ranked 6th in LA High schools, 13th in CA, 29th in US Charter HS, 121th overall



California Distinguished School (2019, 2021)



National Blue Ribbon School (2010, 2016)



Title I Academic Achievement Award (eight-time awardee)



## HMSA ALUMNI have graduated from :

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  
Cornell  
Embry-Riddle  
Georgetown  
Georgia Tech

Loyola Marymount  
MIT  
Middlebury  
Northwestern  
Occidental College  
Pepperdine  
Princeton  
San Diego State  
San Jose State  
Stanford  
Texas A&M  
Tufts

University of Sussex  
USC  
U.S. Naval Academy  
UC Berkeley  
UC Davis  
UC Irvine  
UCLA  
UC Merced  
UC Riverside  
UC Santa Barbara  
UC Santa Cruz  
UC San Diego

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## Scholarships Awarded

*follow*

@HMSA\_Aviators

  
Gates Millennium Scholars

THE **ROSSE** FOUNDATION, INC.

QUEST  BRIDGE



## CAASPP DATA 2022-2023

11 <sup>th</sup> grade Results	English Language Arts (met or exceeded)	Mathematics (met or exceeded)
California	46.66%	34.62%
Los Angeles County	41.17%	30.50%
Centinela Valley USD	49.38%	13.62%
<b>HMSA</b>	<b>81.15%</b>	<b>42.62%</b>



## College Going Rate (most recent data)



Name	High School Completers	Enrolled in College	CGR
California	435,202	270,876	62.2%
Los Angeles County	99,954	61,838	61.9%
<b>HMSA</b>	<b>118</b>	<b>108</b>	<b>91.5%</b>

<https://dq.cde.ca.gov/dataquest/DOCensus/CGRLoc.aspx?cds=1964592&aggllevel=district&year=2020-21&initrow=&to=y>

# The Recipe for Success



- **M**otivation
- 
- **A**ccountability
- 
- **R**espect
- 
- **K**indness
- 
- 



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



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## A College Prep Curriculum

HMSA meets or surpasses  
University of California (UC)  
A-G requirements

[www.ucop.edu/agguide](http://www.ucop.edu/agguide)

### Credits

- Each class, each year = 10 credits
- 230 credits required to graduate
- Must apply to 2 four-year colleges/universities (1 must be a CSU)
- Complete 100 volunteer hours



Subject	HMSA graduation requirement	A-G requirement
English (Literature & Language)	4 years	4 years
Math	4 years	3 years
Lab Science	4 years	2 years
History	3 years	2 years
Foreign Language (Spanish)	3 years	2 years
Physical Education	2 years	2 years
Visual Arts	1 year	1 year
Electives	1 year	1 year
Computers	0.5 year	n/a
Life Skills	0.5 year	n/a



## A College Prep Curriculum (daily schedule)

- Mondays: periods 1-6 classes (45 minute classes)
- No College Prep (CP)
- Classes end at 2:40 pm

Monday	Start Time	End Time
Homeroom	8:30 a.m.	8:55 a.m.
Period 1	9:00	9:45
Period 2	9:50	10:35
Period 3	10:40	11:25
Period 4	11:30	12:15
Lunch	12:15	1:00
Period 5	1:05	1:50
Period 6	1:55	2:40

- Tuesdays & Thursdays: period 1, 3, & 5 classes (100 minute classes)
- Wednesdays & Fridays: period 2, 4, & 6 classes (100 minute classes)
- 3 classes each day plus a 45 minute CP study hall or enrichment class

Tuesday-Friday	Start Time	End Time
Homeroom	8:30 a.m.	8:40 a.m.
Period 1 / 2	8:45	10:25
Period 3 / 4	10:30	12:10
Lunch	12:10	12:55
Period 5 / 6	1:00	2:40
CP 7 / 8	2:45	3:30



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%**
- United States pass rate: 22.5%
- California pass rate: 28.8%
- 171 HMSA students took 278 exams
- **HMSA pays for 100% of the exam fees**

## 2022 AP Stats...

- **HMSA's pass rate: 80%**
- United States pass rate: 21.6%
- California pass rate: 26.7%
- 175 HMSA students took 279 exams
- **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  
ABLE (IC4)  
Project LIT Book Club  
Film Study  
Environmental Club  
Newspaper  
Created to Create (Art)  
Key Club  
Computer Support  
MESA  
CIF 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.

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

## **Examples of other Supports**



### **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 9<sup>th</sup> grade to graduation.

### **Summer Bridge**

- 4 days in August
- Academic preparation
- Orientation to high school schedule and school expectations
- Activities to get to know other students before school begins



## **9th Grade Summer Bridge = A successful start to 9th grade**




### **Link Crew**


- Each student is assigned to a small group with 11th or 12th grade mentors
- Assists with academic progress and social adjustment.


# 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

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# Community Schools



HMSA  
Community Events



Donations for Students



Family Resource Center  
(Rm 202)

Service

Description

- HMSA Movie Nights
- Bike Safety Courses
- Workshops
- Activities
- Student Support

- Bike Helmets
- Dental Kits
- Hygiene Kits
- School Supplies
- Backpacks

A welcoming and dedicated space for families on campus.

- Resources/Services
- Presentations
- Family Support



## Family Engagement and Volunteerism...

Take on a leadership role at HMSA!



### School Site Council

- Parents, students, and staff are elected to oversee the School Plan for Student Achievement (SPSA)
- Monthly meetings during school year

### English Learner Advisory Committee

- Parents and staff on this committee provide input on programs and supports for English Learners
- 4-5 meetings during school year

### Parent Booster Club

- Parents plan fundraisers and events that enhance the experience of all students, families, and staff
- Monthly meetings during the school year

## 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



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# 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



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# Clubs and Student Groups...



- ☐ Associated Student Body
- ☐ Black Student Union
- ☐ Cartoon and Animation
- ☐ Dance
- ☐ Environmental Club
- ☐ Great Neighbors
- ☐ Key Club
- ☐ Link Crew



- ☐ Math Engineering Science Achievement (MESA)
- ☐ Muslim Student Association
- ☐ Multicultural Club
- ☐ Newspaper
- ☐ Peer Advocates
- ☐ Audio Visual (AV) 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.

2023 CIF Boys & Girls Cross Country League Champions

### Volleyball



### Basketball



### Soccer



### Baseball



### Softball



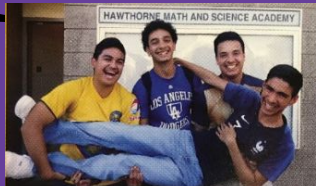


# Student Activities



## Intramurals

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



## Club Activities

- ★ Dia de los Muertos event (MESA)
- ★ Movie Nights (AV Club)
- ★ Book Club discussions (Project Lit)



## 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.



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# A Break from the Norm...

## Multicultural Celebration



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# Steps to become an Aviator



Step	Event/Task	Date/Time
1	Complete Interest Form to receive more information	Prior to Information Night
2	Attend HMSA Information Night	January 18, 2024 (in-person), 5:00-6:00 pm January 30, 2024 (in-person), 5:00-6:00 pm
3	Complete Application	Opens February 1, 2024; Closes February 16, 2024
4	Lottery (if needed)	February 23, 2024
5	Notification of Admission	February 26, 2024
6	Deadline to Accept or Decline Admission Offer	March 15, 2024
7	Deadline to Complete Registration and submit documents	April 19, 2024
8	Placement Testing & Campus Tours for students	April 27, 2024
9	Summer Bridge and Family Orientations	August 12-15, 2024 (8:30 am - 12:30 pm each day)



## Public, Random Drawing “Lottery”

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

- **1<sup>st</sup>:** Siblings of alumni and currently enrolled students
- **2<sup>nd</sup>:** Students who have continuously been enrolled in and completed grades 6 through 8 at a school governed by the Hawthorne School District
- **3<sup>rd</sup>:** Students who have continuously been enrolled in and completed grades 7 through 8 at a school governed by the Hawthorne School District
- **4<sup>th</sup>:** Students who have continuously been enrolled in and completed grade 8 at a school governed by the Hawthorne School District







## Public, Random Drawing “Lottery” (cont.)

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

- **5<sup>th</sup>:** Residents who live within the boundaries served by the Hawthorne School District, proof of residency required
- **6<sup>th</sup>:** Children of paid staff of the Hawthorne School District
- **7<sup>th</sup>:** 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.

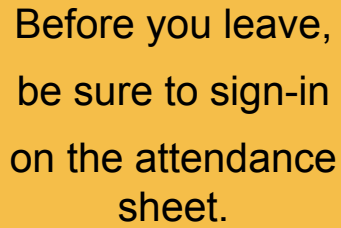


## Website Resources

Hawthorne Math and Science Academy  
The Hawthorne Way: Every student, every day.

Staff About Us Parents Academics Athletics Counseling Alumni Student Life Quick Links

English



## Any questions?

Thank you for coming!



# Meeting Attendance

[illegible]