



THE HEAT CHRONICLES

EDITION #70

MADISON HIGHLAND PREP'S COMMUNITY NEWSLETTER

AUGUST 2024

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ACADEMIC CALENDAR

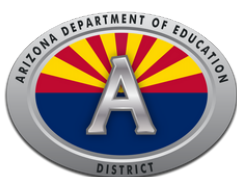


HOME OF THE HEAT

FUTURE HEALTHCARE LEADERS FROM HEAT NATION!

We are proud to recognize four of our students who completed an internship at the HonorHealth Scottsdale Osborn Medical Center: Omar Arriaga, Julitza Arriaga, Isaac Hernandez, and Leonard Webster III. This exceptional group of students spent the summer immersed in the healthcare environment, getting hands-on experience and valuable insights into the medical field. Through this internship, these students had the opportunity to shadow healthcare professionals in various departments, assist with patient care and administrat-

ive tasks, sterilize medical equipment, and build connections with healthcare mentors and peers. Junior, Omar Arriaga said, "I applied because my dream is to become a neurosurgeon. The hands-on experience of this internship gave me the chance to talk with surgeons and gastroenterologists". By immersing into a real-world medical environment, each of these students got the chance to gain valuable insights and skills that will propel them towards successful careers in healthcare. All four students said they plan to apply again next summer.



EDITION #70 / AUGUST 2024

Message from the Principal

Dear MHP Families,

Summer flew by and we are going full speed into the start of the new school year.

Our freshmen have learned their way around the campus and students have gotten into the groove of school after summer vacation. Freshmen have learned how to access Canvas to see their daily assignments and resources. All our Pre-AP World History and Chemistry students have created their College Board accounts and all students have successfully accessed their online textbooks.

During the first week of school, students participated in our club fair. Our fall athletic teams are preparing for their sea-

sons. Students in Math, English, and Science classes were administered the beginning of courses assessments. Student Council is busy preparing for our fall pep assembly on August 23rd and Homecoming which is around the corner in September. Seniors kicked off their senior year with senior sunrise on August 14th and are digging into college applications.

I would like to personally thank our student body, our faculty and staff, and our parents and community for their commitment to the pursuit of academic excellence. It is extremely rewarding to work with an education team so dedicated to providing our students with a quality education.



Sincerely,

Rosana Rodriguez • Principal

School Calendar

AUGUST 2024

8/8	MHP Club Fair	9/13
8/20	Fall School Picture Day	9/19
8/22	Academic Awards Assembly- 4th Qtr.	9/19
8/23	Fall Sports Pep Assembly	9/28
8/30	Fall Sports Picture Day	9/30

OCTOBER 2024

10/21-10/25	ECAP, 9th Grade
10/22	PSAT/NMSQT Exam, 9th-11th Grade
10/23	SAT School Day, registered 12th Grade
10/24	Academic Awards Assembly-1st Qtr.
10/31	Halloween BBQ

SEPTEMBER 2024

9/13	NHS Blood Drive
9/19	Fall Open House & STEM Showcase
9/19	Fall NHS Induction Ceremony
9/28	Homecoming Dance
9/30	Visual Arts Showcase-1st Qtr.

NOVEMBER 2024

11/8	Staff vs. Student Kickball Game
11/12-11/15	ECAP, 11th Grade
11/15	Winter Sports Picture Day
11/15	Winter Sports Pep Assembly
11/23	3rd Annual Aerial Drone Qualifiers

ACADEMIC BULLETIN

JANAY CHAVEZ COMPLETES MIT SUMMER PROGRAM

Senior, Janay Chavez successfully completed the MIT Beaverworks program this summer. Janay's dedication and passion for engineering earned her a spot in the prestigious four-week program. During her time at the program, Janay was asked to complete a group research project with 3 other students, in which they would present to the class and be graded on. We're delighted to share Janay's team was awarded the Most Resilient Team for their group project.

OUR 2023-2024 AP SCHOLARS

We are proud to announce our 2023-2024 AP Scholars. The AP Scholar Award recognizes high school students who have demonstrated exemplary college-level achievement on AP exams. AP Scholars Awards are determined as follows: AP Scholar: Average score 3.00 on 3 AP Exams, AP Scholar with Honors: Average score 3.25 on 4 AP Exams, and AP Scholar with Distinction: Average score 3.50 on 5 AP Exams. Congratulations to the following 2023-2024 AP Scholar Recipients: Mirna Arredondo, Kai Boltz-Garcia (with Honor), Jadon Buckwalter, Aiden Crossman, Danika Diaz (with Honor), Noelle Duflo (with Honor), Riley Falk, Ella Gittner, Natalia Hernandez, Saul Hernandez, Avery Jenkins, Ethan Jones, Aydan Leeds-Peralta, James Lockwood, Joseph Lungo, Mason MacArthur (with Honor), William Marsh, Evan Marske, Adelaide Morlan, Oliver Morlan, Leonardo Parra, Rylie Reese (with Honor), Devon Reeves (with Honor), Duncan Sanders (with Honor), Anna Sandoval, Sage Schaffer (with Honor), Etta Thesing (with Honor), Isaac Timmerman (with Distinction), Dakota Tija, Xchylar Tsutsumi, Mia Urbano, Katherine Wazny (with Honor), and Matthew Yduarte (with Honor).

EXTRACURRICULAR

SCHEDULE:

MONDAY 7:30 AM

NHS, MRS. WATSON

MONDAY 2:30-3:30 PM

VEX ROBOTICS, B117

ANIME CLUB, B222

ART CLUB, B211

PEP BAND, B111

SPEECH & DEBATE, B215

STUDENT COUNCIL, E114

MONDAY 3:30-4:30 PM

AERIAL DRONE RACING, B202

CREATIVE WRITING, B215

TUESDAY 2:30-3:30 PM

VEX ROBOTICS, B117

DRAMA CLUB, B116

MATHLETES, B206

SERVICE CLUB, MS. SCHWINDT

YEARBOOK, B222

TUESDAY 3:30-4:30 PM

SEAPERCH, B113

THURSDAY 2:30-3:30 PM

VEX ROBOTICS, B117

MATHLETES, B206

DRAMA CLUB, B116

CINEMA SOCIETY, E115

PERFORMANCE CHOIR, B111

EPICS ENGINEERING, B205

THURSDAY 3:30-4:30 PM

ESPORTS, B222

MHP NEWSPAPER, B220

EPICS ENGINEERING, B205

CHESS CLUB, B216

FRIDAY 2:30-3:30 PM

VEX ROBOTICS, B117

BOARD GAME CLUB, B206

GSA, B208

STUDENT COUNCIL, E114

DUNGEONS & DRAGONS, B116

FRIDAY 3:30-4:30 PM

GARDENING CLUB, B205

SPANISH CLUB, B114

PING PONG CLUB, B211

STEM DIGEST

DESIGNING & TESTING SHOE PROTOTYPES

In our Principles of Engineering class, students are taking their learning to the next level by designing and testing their own shoe prototypes. This exciting project challenges our young engineers to apply engineering principles to real-world problems, design and develop innovative solutions, and test and refine their prototypes. As they iterate and improve their designs, our students are testing different properties such as the shoe's flexibility, traction, and comfortability.



BUILDING MODEL HOUSES

Our Civil Engineering students are bringing their architectural dreams to life by building model houses that showcase their chosen styles. From modern minimalism to Victorian elegance, our students are researching and applying fundamental principles, designing and constructing models with precision, and incorporating structural elements and materials. After finishing their model houses, Mr. Rainbolt will be grading them on how well they noted at least three architectural principles and elements, their craftsmanship, and the overall creativity.

3D PRINTED BRIDGE

Our students have successfully 3D printed a bridge using one of our state-of-the-art 3D printers in Mr. Rainbolt's classroom. This impressive bridge showcases the potential of additive manufacturing in engineering classes, allowing for students to get hands-on experience with computer aided design and modeling, 3D printing technologies and processes, and prototyping and problem solving.



TEACHER SPOTLIGHTS OF THE MONTH



MS. HUNT

Ms. Hunt is in her fourth year of teaching at Madison Highland Prep. She teaches AP Statistics, Pre-Calculus, and Algebra 2. She serves as the faculty advisor for Ping-Pong and art club. Before

coming to MHP, Ms. Hunt was a teaching assistant for calculus at Northern Arizona University for 3 years where she got her Bachelor of Science in pure mathematics. She has original research in algebraic number theory and has presented that research across the western part of the United States. In her free time, she takes weekend trips to the forest to hike the entire day as far away from the heat as possible and sometimes even camps there! Ms. Hunt loves math and will always try and bring fun to the classroom.

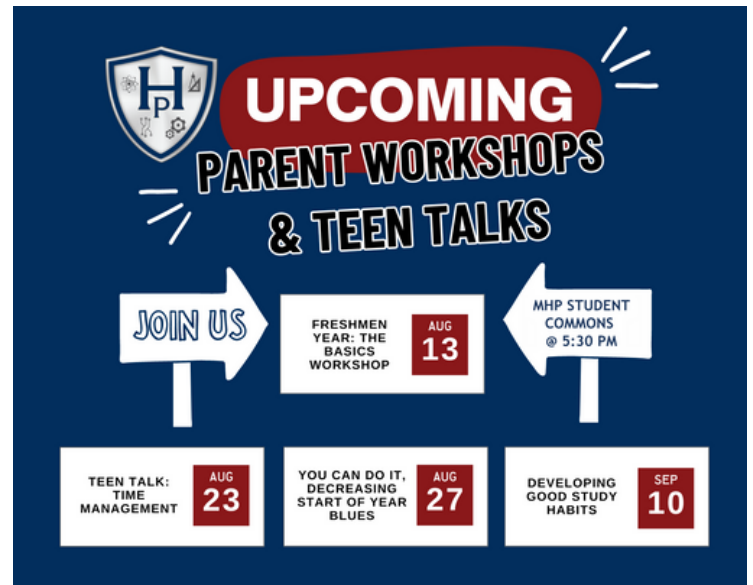


MS. PAYNE

Ms. Payne is in her fifth year of teaching at Madison Highland Prep. She teaches AP English Language, AP English Literature, and AP Psychology and is the faculty advisor for yearbook, Esports

and anime club. Ms. Payne has been an instructor and in English Language Arts since 2017. She has experience as a Content Writer and Publishing Assistant in Flagstaff for various publications. She holds a Bachelor of Arts in English from Northern Arizona University, an MFA in Creative Writing from NAU, and a Master of Arts degree in Creative Writing for Games from Full Sail University. She also holds her teaching certificate in secondary ELA with the state of Arizona.

CLASSROOM CONNECTIONS



UPCOMING COLLEGE VISITS



8/19	GRAND CANYON UNIV. @ 12PM
8/21	NORTHWESTERN @ 9:45AM
8/27	VILLANOVA UNIV. @ 10AM
8/29	WAKE FOREST UNIV. @ 8:15AM

ATHLETICS

FALL SPORTS ARE OFFICIALLY IN SESSION

The wait is over, and fall sports are officially in session. Our athletes have been training hard this past week with fall tryouts, and we can't wait to see them in action. Starting this new academic year, Madison Highland Prep is going digital for admission into MHP athletic games. Spectators who would like to attend an MHP home athletic game will now purchase tickets through Go Fans. Tickets can be purchased by visiting gofan.co and searching for Madison Highland Prep. Tickets cost

\$5 for adults and \$3 for students. Tickets are required for entry and must be shown at the admission table. With our digital ticketing system, spectators can now purchase tickets online in advance, access tickets directly on your mobile device, and enjoy a seamless and convenient experience when going to school games. To follow our MHP teams and stay up-to-date on schedules, scores, and news, visit <https://azpreps365.com/schools/2237>.



WOMEN'S VOLLEYBALL TEAM



CHEER TEAM



FOOTBALL TEAM



CROSS COUNTRY TEAM

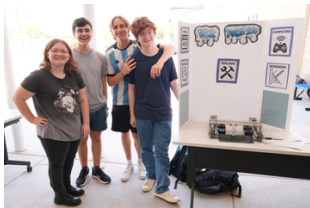


MEN'S SOCCER TEAM

HAPPENINGS @ MHP

SENIOR SUNRISE

Our Senior Sunrise event was a resounding success, marking a memorable milestone for our graduating class. As the sun rose, our seniors gathered to enjoy from donuts, celebrate their accomplishments and friendships, and look forward to the bright future ahead. Senior Sunrise is a tradition that symbolizes the dawn of a new era for our graduates, as they prepare to embark on their next adventure. We're incredibly proud of our seniors, here's to an unforgettable final year.



MHP CLUB FAIR

Our Club Fair was an energetic event, showcasing the diverse range of clubs and activities available to our students. Our students had the opportunity to discover new interests and hobbies, meet like-minded peers and make connections, and learn about unique leadership opportunities. From robotics to art, student council to mathletes, and cultural organizations to video games, our Club Fair had something for everyone. We're thrilled to see our students get involved and make their marks.



2024 SUMMER CAMPS

We would like to extend a heartfelt thank you to our Summer Camp participants this year. Our campers' energy, enthusiasm, and eagerness to learn made every day an unforgettable experience. Summer camps were a special time for growth, exploration, and connection and whether it was sports or extracurriculars you did, we are thrilled to have been a part of your summer adventures.



Madison Highland Prep
2024-2025 Academic Calendar

July 0	August 20	September 20	October 4 14
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	4 5 6 7 8 9 10	1 2 3 4 5 6 7	6 7 8 9 10 11 12
7 8 9 10 11 12 13	11 12 13 14 15 16 17	8 9 10 11 12 13 14	13 14 15 16 17 18 19
14 15 16 17 18 19 20	18 19 20 21 22 23 24	15 16 17 18 19 20 21	20 21 22 23 24 25 26
21 22 23 24 25 26 27	25 26 27 28 29 30 31	22 23 24 25 26 27 28	27 28 29 30 31
28 29 30 31		29 30	
November 17	December 15	January 19	February 19
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4 5 6 7	1 2 3 4	1
8 9 10 11 12 13 14	8 9 10 11 12 13 14	5 6 7 8 9 10 11	2 3 4 5 6 7 8
15 16 17 18 19 20 21	15 16 17 18 19 20 21	12 13 14 15 16 17 18	9 10 11 12 13 14 15
17 18 19 20 21 22 23	22 23 24 25 26 27 28	19 20 21 22 23 24 25	16 17 18 19 20 21 22
24 25 26 27 28 29 30	29 30 31	26 27 28 29 30 31	23 24 25 26 27 28
March 5 11	April 21	May 17	June
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1	1 2 3 4 5	1 2 3	1 2 3 4 5 6 7
2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14
9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21
16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28
23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31	29 30
30 31			

First Day of Quarter	Finals/Last Day of Quarter	Holiday/Break	Graduation
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First Quarter		Days 44
August	05	First Day - First Quarter
September	02	Labor Day
October	04	Last Day - First Quarter
October	07-11	Fall Break

Second Quarter		Days 46
October	14	First Day - Second Quarter
November	11	Veterans Day
November	27-29	Thanksgiving
December	20	Last Day - Second Quarter
Dec / Jan	23-03	Winter Break

Third Quarter		Days 43
January	06	First Day - Third Quarter
January	20	Martin Luther King Day
February	17	Presidents Day
March	07	Last Day - Third Quarter
March	10-14	Spring Break

Fourth Quarter		Days 49
March	17	First Day - Fourth Quarter
April	18	Spring Holiday
May	22	Graduation
May	23	Last Day - Fourth Quarter
		Instructional Days 182

School Events	
August	Parent Academy
September	Fall Open House
February	Spring Open House

Teacher Start/End Dates	
July	29 Teachers Start Date
May	30 Teachers End Date

In-service - No Students	Days
All Staff In-service	5

Early Release Days - 1:30 pm	Days
Professional Learning Community (PLC)	26
Teacher In-service/Work/Grades	4

Student Coursework Testing Days	Days
Midterms	4
Progress Reports	4
*Finals	4
*Finals/Last Day of Quarter	4

Blackout/Mandatory Attendance Dates	
Sep/Oct 30-04	March 03-07
December 16-20	May 19-23
See Student Handbook	

State Testing Dates	
Please see Assessment Calendar available on Canvas.	
MHP School Calendar will be modified to accommodate State Testing Calendar.	

Special Dates	
40th Student Day -	September 30 2024
100th Student Day -	January 17 2025