



February 20th - February 23rd  
Family Newsletter

# IRON EAGLE PRESS:



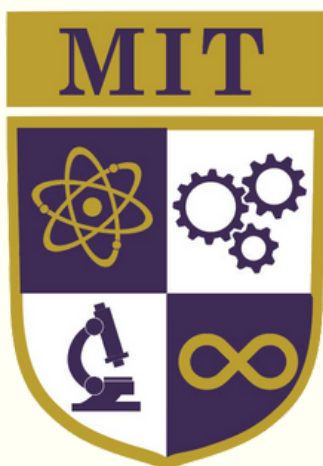
Hello Iron Eagle Families, Happy Friday...!!

It has been a great week with students finishing up their science projects and getting ready for the Science Fair. Some of the projects and experiments have been selected for the showcase during the Family Night.

Please join us on this Tuesday, February 27th from 5:00 to 7:00 pm and participate in the Science Fair Family Night Event. You will have the opportunity to see some of the fine work in the Science and Engineering subjects. The Flyer has been sent out and is also available here for you to RSVP for the event.

Thank you for your continued partnership with us for the academic success of our scholars. See you on Tuesday evening.

Have a great weekend, Iron Eagles...!!  
Mr. Gandhi, Headmaster.





# SCIENCE AND ENGINEERING PROJECTS ON DISPLAY

## Mr. Tharp – Physics and Engineering

### **Project 1: Legbrace Kickstand (Physics 2nd period)**

Moises R., Tapia L., Victor S., Andrew E.

### **Project 2: Marketing Social Experiment (Physics 2nd period)**

Christian J., Michael H.

### **Project 3: Transparent Balsa Wood (Physics 2nd period)**

Brad B., Jayden B., Ethan E., Hiram S.

### **Project 4: Water Wheel Generator (Physics 2nd period)**

Julio D., Michael H.

### **Project 5: Stop-Motion Video Experiment (Physics 2nd period)**

Enrique E.

### **Project 6: Solar Panel Project (Physics 2nd period)**

Adrian V., Charles-K.

### **Project 7: Radio Telescope (Physics 3rd period)**

Anthony Q., Kevin H.

### **Project 8: Music and Memory Experiment (Physics 3rd period)**

Davian A., Julia M.

### **Project 9: Cognitive Bias in the Healthcare Industry (Physics 3rd period)**

Liliana C., Hector H.

### **Project 10: Ultracharge Portable Charger (Physics 3rd period)**

Aniyah R., Kiara F.



# SCIENCE AND ENGINEERING PROJECTS ON DISPLAY

## Dr. Hojreh – Anatomy and Physiology – AP Biology

### #1 DNA purity in Fruits

B Martinez, J Robles, S Oluwatobiloba and A Tutstone

### #2 Hojreh: Blind Shrimp

E Garcia, R Barraz, Suzan V., Elia Z.

### #3 Hojreh: Soil and Electro culture

Emily G., S Esquivel and Leylani H.

### #4 Hojreh: DNA Purity

A Corona, E Macias

### #5 Hojreh: Bio Plastics

Sofia L. and Alona G.

### #6 Hojreh: Art interpretation

J Hernandez

### #7 Hojreh: Sound of MIT

Annette M., Trinity B. and Y Martinez

## Mr. Gilla – Biology

### Effect of Different colors on Photosynthesis

Vikor C., Michael R., Jonathan H., Arhianna E.

### Microbial Fuel Cells

Chidera N.

### AI

Jacob K and Thayer O

### How Temperature Affects Luminol.

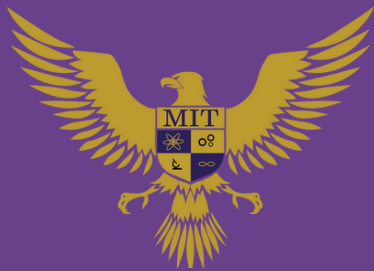
Aaliyah R., Amayah R., Victor L., and Sanaa B.

### How Personality affects Reaction time

Holden H, Jose F., Alejandro H., Alexander A.

### What 3D printing plastic is strongest

Elias J., Evan M., Aiden S., Edward D.



# SCIENCE AND ENGINEERING PROJECTS ON DISPLAY

## Ms. Coleman – Chemistry and AP Chemistry

### **Wing Stop**

Kaleb M., Uzziel R., Yaretzi, Deborah M.

### **Eco-Friendly Container House**

Alex R., Dmitri P., Hanna D., Crisfany V.

### **Taste Perception Based Off of Color**

Gyselle J., Matthew M., Ghazi B.

### **The Walking Bread**

Hugo G., Rogelio S., Leilani R.

### **Apple Browning Factor**

Alex, London D.

### **All On Dreams**

Ethan G., Mario H.

### **Saltwater Battery**

Mai T., Maryem A.

### **Triple A's Edge Control**

Aniya R., Areli R., Ah'Nyra E.

### **Soil Supercharger**

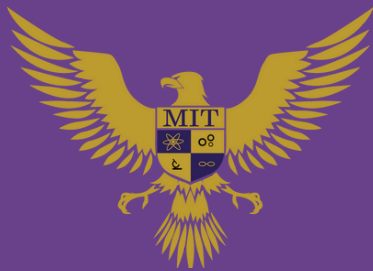
Nicholas A., Fernando M., Michael A.

### **Strawberry vs Tomato**

Angela N., Kimberly L., Jazlene H.

### **DWP**

Shelton S., Christopher M., Shan R.



# SCIENCE FAIR RSVP



**Maricopa Institute of Technology – STEM<sup>2</sup> High School**  
3900 S 55<sup>th</sup> Ave, Phoenix, AZ 85043

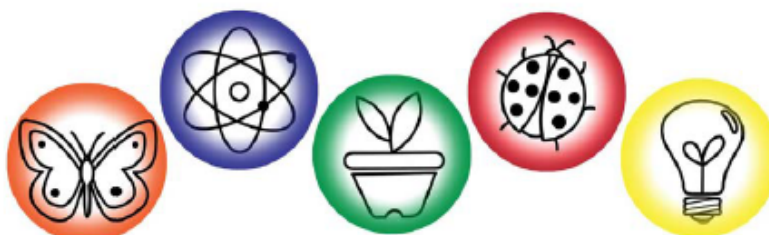
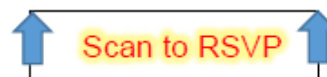


Vision: To provide a Science, Technology, Engineering, Mathematic and Medicine (STEM<sup>2</sup>) Program to students within a state-of-the-art research facility with the goal of preparing our students for collegiate and STEM<sup>2</sup> career success.

## MIT High School – The “A” Labeled School

### The Science Fair – Family Night

Dear parent and Guardian, you are cordially invited to attend the **Science Fair - Family Night** on **Tuesday, February 27th at 5:00 pm** in the **MIT Cafeteria**. Our Science Department has worked for several weeks with MIT students for their Science Fair Projects and we would love to show some of the fine work of our students to the parents and community.



# SCIENCE FAIR

Click on the link below to RSVP

<https://forms.gle/bA5iZZZbGUmoaRk37>

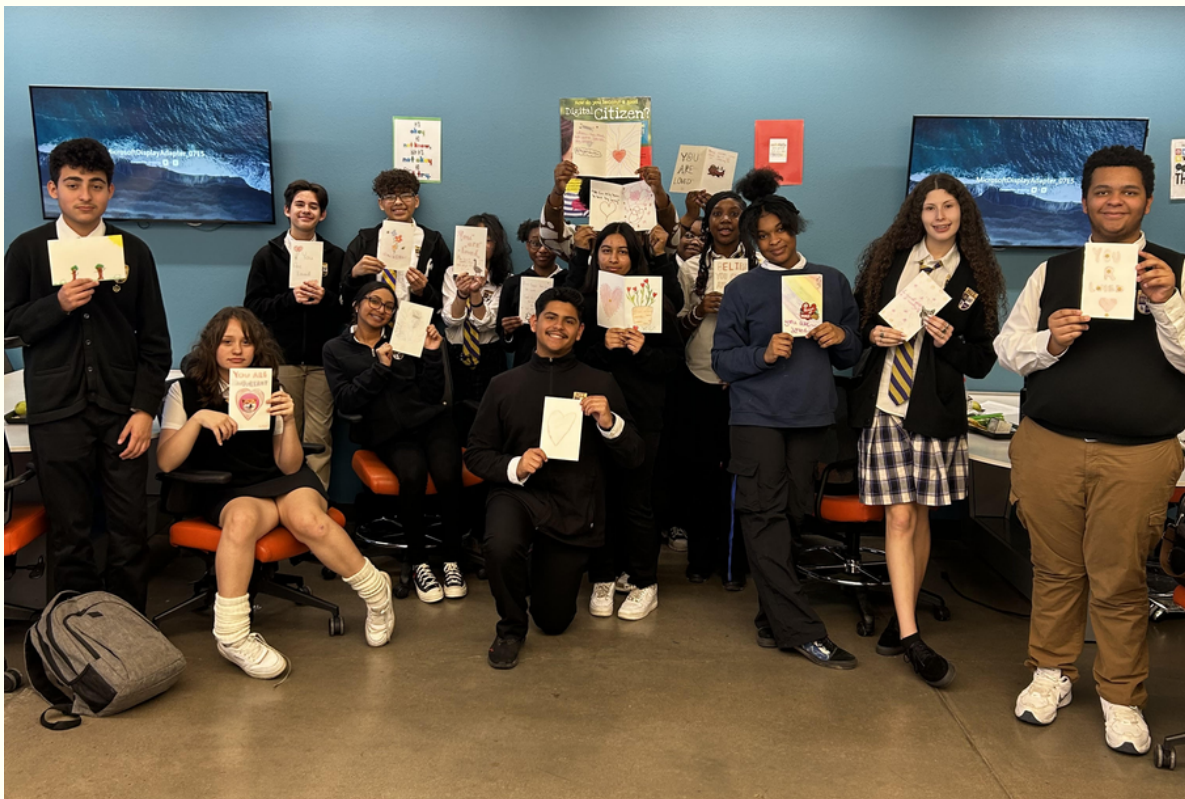


# NJHS CHAPTER

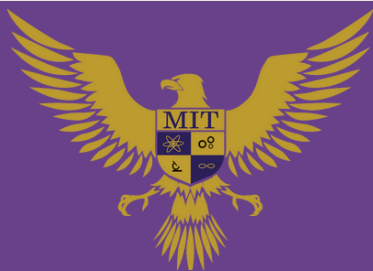
We are excited to announce that our NJHS chapter has been busy spreading kindness and positivity by creating handmade cards for Project AZ Smile's "You Are Loved" theme month. Our students have put their creativity and compassion into each card, with the hopes of bringing smiles to those who receive them.

We believe in the power of small acts of kindness to make a big impact, and we are proud to support Project AZ Smile's mission of spreading joy to individuals in need. The cards go to hospitalized patients, homeless people, Cancer patients, veterans, or anyone in need.

Thank you to all of our members who dedicated their time and effort to create these heartfelt cards.







# ADVANCE PLACEMENT (AP EXAM SCHEDULE)

Parents and Students, please see below the testing schedule for our AP Exam.

<b>Week 1</b>	<b>Morning 8:00 am MIT Lecture Hall</b>	<b>Afternoon 12:00 pm MIT Lecture Hall</b>
Monday May 6, 2024	AP US Government	AP Chemistry
Tuesday May 7, 2024	AP Human Geography AP Microeconomics	AP Statistics
Wednesday May 8, 2024	AP English Literature and Composition	
Thursday May 9, 2024		AP Psychology
<b>Week 2</b>	<b>Morning 8:00 am MIT Lecture Hall</b>	<b>Afternoon 12:00 pm MIT Lecture Hall</b>
Monday May 13, 2024	AP Calculus AB	
Tuesday May 14, 2024	AP English Language and Culture	
Thursday May 16, 2024	AP Spanish Language and Culture	AP Biology



## MIT ATHLETICS

# MIT Track & Field

**Date: 2/26/24**

**Time: 3pm to 3:30pm**

**Location: MIT Lecture Hall**

**If you do not attend this meeting, you will NOT be able to join the team.**

## Football Game



**Date: 3/18**

**Time: 7pm**



**Location: MIT Stadium**

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We are inviting the MIT community to come out and watch our Varsity Football Team and Cheer Team!  
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Kona Ice will be onsite as a vendor for the evening.







**MIT ATHLETICS**

# Sports Celebration

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We will be celebrating our fall,  
winter, & spring sports teams on  
Monday, May 13 starting at 5pm in  
the MIT Lecture Hall.

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5pm - Fall Sports  
5:45pm - Winter Sports  
6:45pm - Spring Sports

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We will be providing water  
and cookies!



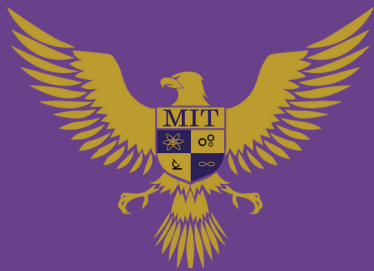
# MIT STEMM HIGH SCHOOL ENROLLMENT 2024-2025

MIT High School is accepting applications for the next school year for the 9th - 12th grade enrollment. MIT staff and students have been attending high school nights at different school districts as well as inviting the community to take a campus tour. Please, let us know if you know someone who is interested in taking a campus tour, and we will be able to schedule them.

The fillable form for the 2024-2025 enrollment is available on our school website in both English and Spanish. Please click on About Us, our school, and select APPLY TODAY. once the form is filled out it can be downloaded and sent to the MIT front office admin team via email at [jcovarrubias@mitglobalonline.org](mailto:jcovarrubias@mitglobalonline.org).



**If you refer a new student to attend our school be sure to let that family know to mention your name when they register, so your student can get a free uniform!**



# MIT MISSION AND VISION STATEMENT

Hello Iron Eagle Families, thank you for your continued support to achieve MIT's mission and vision. Our Mission and Vision are always available on our school website at <https://www.mitglobalonline.org/Our-School> and I would also like to take this opportunity to share them with you all here.

## **Vision:**

MIT will provide a science, technology, engineering, and math program to students within a state-of-the-art research facility with the goal of preparing our students for collegiate success and successful STEM<sup>2</sup> careers.

## **Mission:**

Maricopa Institute of Technology (MIT) is a college preparatory high school providing an advanced science, technology, engineering, and mathematics (STEM) education while challenging students to pursue personal excellence in character in order to serve and lead others. MIT will provide a comprehensive and rigorous (STEM) curriculum through interdisciplinary work, independent learning, projects, internships, and college credits earned by graduation through Advanced Placement (AP) or dual enrollment classes.

