



SciVibes Newsletter

Science HAPPENINGS and HIGHLIGHTS!

February Issue
Milwaukee Marshall High School



SciVibes Newsletter encourages the following core elements in practice:

Capability, Connection, and Contribution

to self, school, and environment.





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Guest Speakers

Meet Anita and Minnie

These latin ladies joined the Biomed students to discuss the busy yet fulfilling life of nursing. As traveling nurses, these ladies not only service Wisconsin but also provide services in any state in the nation! Their current assignments have them stationed in Milwaukee at very own Children's of Wisconsin. Both Anita and Minnie shared their journeys and stressed the importance of having a work-life balance.

We were so grateful for the opportunity to speak with these two professionals.



Milusko
"Minnie"
Abonto
Registered
Nurse



Anita Herrera
Anderson
Traveling
Registered
Nurse



Field Trip 7

Metropolitan Milwaukee Association of Commerce (MMAC)

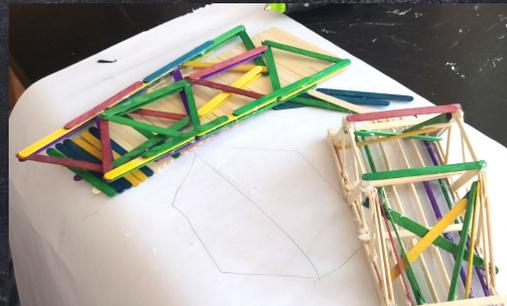
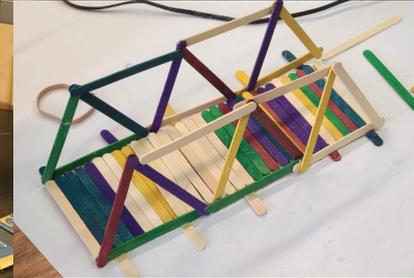
As part of the MPS "Be The Spark" initiative, our Health Sciences students took part in collaborative conversations with healthcare professionals from the Greater Milwaukee area. In conjunction with Riverside, students engaged in active dialogue with nurses, doctors and physical therapists representing minority populations in the field of medicine. So many students spoke of how inspired they were and how much they learned about their current career interests. We are so proud of how immersed they were in preparing for their futures.



Projects

The Bridge Challenge

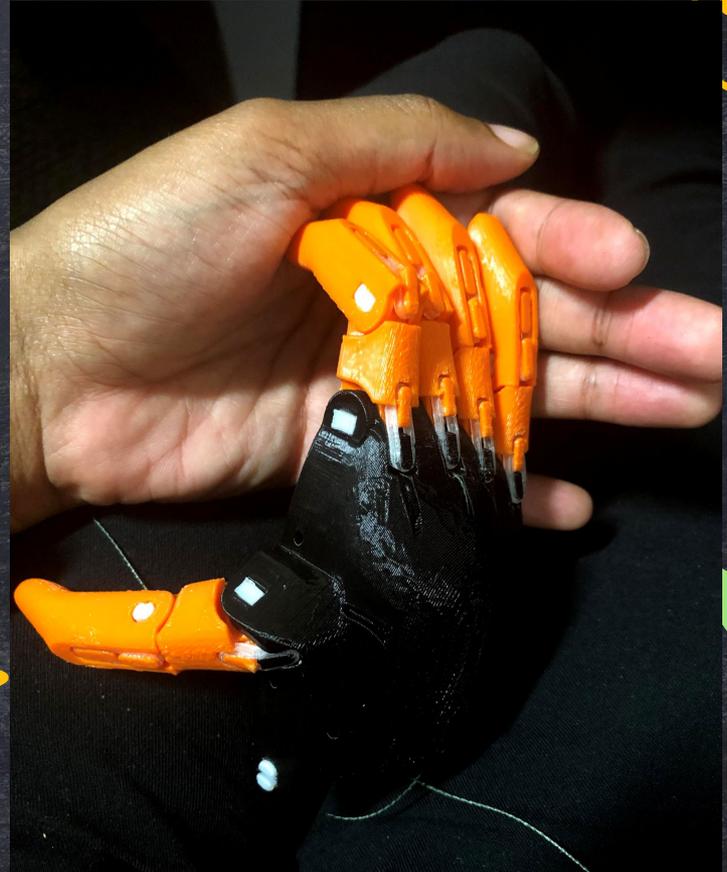
Our Engineering students participated in a design challenge of building a bridge. Using only popsicle sticks and hot glue, the bridge had to withstand the weight of 10kg. There were so many different designs and students took pride in testing out their prototypes. Well done future engineers!



Projects

Personalized Medicine

We are continuing our study on cancer in the Biology classes. Students were introduced to "personalized medicine" - designing healthcare solutions that are patient specific. In small groups, we analyzed case studies of patient's in need of prosthetic limbs and brainstormed materials to design it based on patient needs. Our next step is to build prototype cure/treatment solutions for our cancer patients. Stay tuned for our designs.



Projects

AQUAPONICS is well underway!

Aquaponics is a mutually beneficial system allowing for the growth of plants and cultivation of fish in the same environment. Students will begin learning about the science behind it in order to build their own aquaponics system. Check back next month to see our progress and how well our plants and fish are doing!



Featured Photos



Health Academy students collaborating with healthcare professionals at the MMAC.



Daniyah Smith-10th engaging with a ASMR wall at 3rd Street Market Hall.



Summer- 11th building a bridge to take part in a engineering design challenge.

Positive SciVibes



A Positive #SciVibes
goes out to:
Rihanna McCullum
for successful completion of her CNA classes!
This training includes 60 hours of rigorous
classroom instruction and 16 hours of
practical/clinical experience in a specialized care
facility.

We are so proud to call her one of our medical
students ❤️

Her next task is to study for the
Certified Nursing Assistant State Exam
to become fully certified as a CNA. Keep it up
Ri Ri, we are behind you the whole way!



Our teachers



MS. Russell

Biomedical Science
Science Department Chair



Mrs.

Lefer-Johnson

Engineering, Chemistry,
AP Biology and Earth Science



Mr. Gayle

Engineering, Physics,
Computer Science

Thanks
from
#SciVibes

