



MYRA LONG SCHOLARSHIP FUND

MLSF Classroom STEM Grants Report

During the 2022-2023 year, MLSF continued the STEM Classroom Grant project that was started in lieu of holding the Math Science Conference during the pandemic. STEM teachers at the participating schools were invited to submit a request for materials, speakers, field trips, or other projects to enrich their classrooms. Teachers submitted itemized costs of their request along with a statement of the learning objectives to be met.

The impact of this year's selected projects is best described by the grant recipients. This special report includes letters and photos direct from teachers and students. The following schools received grants:

<u>School</u>	<u>Project</u>	
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Telesis Academy of Science & Math Rowland Unified School District	Disney Imagineer Workshop	Page 5

MLSF Classroom STEM Grants

Sierra Vista Middle School Robotics Kits

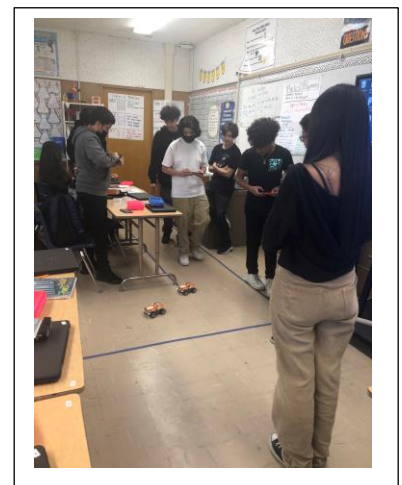
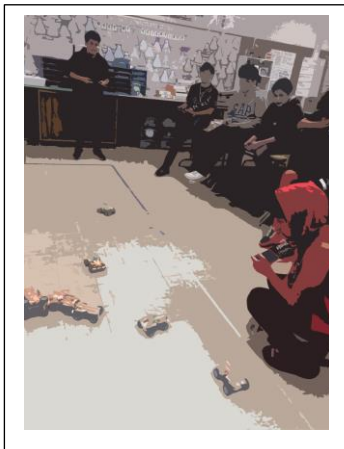
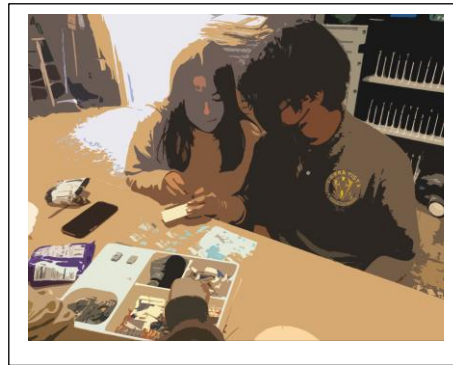
MLSF Classroom Grant
Hacienda La Puente Unified School District
Robotic Kits

Hello Mrs. Dudley,

I have attached a few pictures of the robots your organization has so graciously donated to my class. These robots have been used in both my afterschool girl's robotics club and also in my regular 7th and 8th grade robotics elective. With your help, students have been able to work collaboratively in building, engineering, coding, and applying STEAM concepts to our everyday learning. You have helped open doors to students who would have never been exposed to robotics and the fields that use them.

Thank you for your generosity we will forever be grateful.

Best Regards,
Alma Zavala-Orejuel
Sierra Vista MS- HLPUSD



MLSF Classroom STEM Grants

Stanley G. Oswald Academy Planetarium Tickets

MLSF Classroom Grant
Rowland Unified School District
Planetarium Tickets

Thank you for the opportunity to take the Oswald Academy 8th grade class to the Mt. SAC Planetarium. Students were able to listen and identify bright objects such as Venus, the North Star, and various constellations. This was followed by an amazing planetary show called Wonders of the Universe which covered the 8th grade science content standards.

After the planetary show students listened to a presentation about how the fins on a rocket can change the trajectory of the rocket taking off and coming back down due to shapes. Lastly, students made and launched a personal rocket using compressed air. The students had an amazing time as they watched their rocket fly into the air, some as high as almost three stories high!

Below are the photos when students worked on the aerodynamics of creating a rocket and then launching outdoors. We do not have photos of the planetary show as it is indoors and they require all lights off. Again, thank you for the tremendous opportunity.

Respectfully,

Lisa Anne Buckmier, Ed.D.
626-810-4109 x4836
lbuckmier@rowlandschools.org

Stanley G. Oswald Academy
19501 Shadow Oak Drive
Walnut, CA 91750



MLSF Classroom STEM Grants

Katherine Edwards Middle School STEAM & Dual Immersion Academy Trays and chargers

MLSF Classroom Grant
Whittier City School District
Plastic Trays
Safety Goggles
Charging Hub
Charge Cable
Portable Charger

Dear Ms. Dudley,

I'd like to thank you ladies kindly for your support of my classroom and students. It is amazing what can happen with this kind of support from the community, and I appreciate it very much.

So, here you see my kiddos having the reliable baking soda vs. vinegar experience. The great thing about the trays I purchased is that I could overfill both cups to be sure that the reaction (both the chemical one and that of the students) was EPIC (without making a mess on the tables)! And they were so good about wearing this type of goggle--they don't steam up and obscure their vision or squish their cheeks and foreheads, leaving telltale crevices on their embarrassed little faces for the rest of the day!

They also love the fact that they can charge their iPad on the batteries I purchased. It took a little extra money to get the right connection cords, but boy is it worth it! All five chargers are snapped up at the beginning of class, and the kids are good about returning them early so someone else can use them. In these (arguably, still early) days of "paperless" classrooms, I just feel that, for some of them at least, if they don't charge their iPad, they don't get to learn. So I think these were a very good investment. And if they don't have their school ID, they have to give me a shoe! It is perhaps the most effective way to make sure I get the chargers back!

I thank you and the AAUW Whittier chapter for considering and funding my proposal for these vital resources. I appreciate it, and I know the kids do even more.

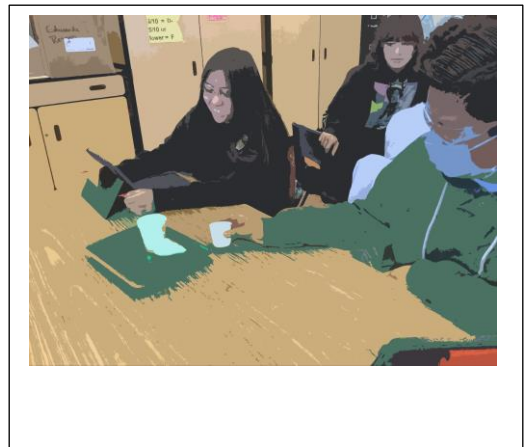
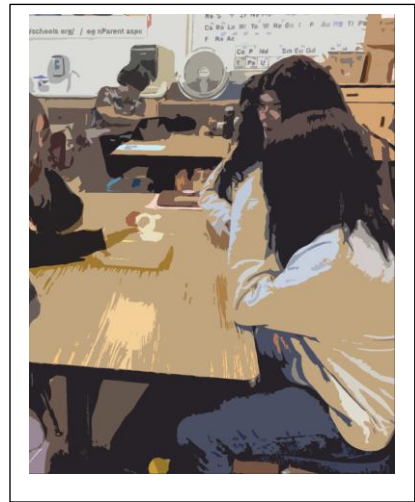
My thank-you-best thanks indeed!

Reagan

Mrs. Reagan R.W. Mikhail

8th Grade Physical Science
Whittier City School District

Katherine Edwards STEAM and Dual Immersion Academy



MLSF Classroom STEM Grants

Telesis Academy of Science and Math Disney Imagineer Workshop

- Interventions
- Data Management
- Assessment



A No Excuses University School

Dear GWA AAUW,

Thank you so much for awarding our math & STEM classes this grant opportunity. With your help our students were able to participate in the Technical-gy of Disney Parks at Disney Imagineer campus. We appreciate your continued support & commitment to our schools & communities

@teletitan 

*With gratitude,
STEM & Geometry Students
2022-2023*

- Collaboration
- Standards Alignment



MLSF Classroom Grant
Rowland Unified School District
Disney Imagineer Workshop
(Grants given to 2 teachers)