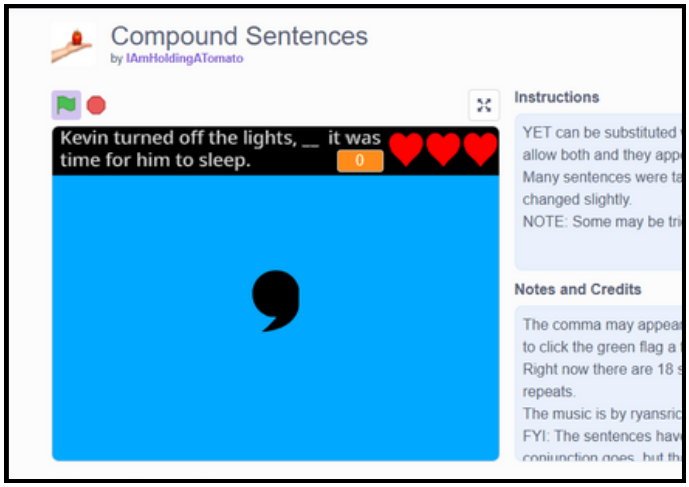
STEM Academy Student Spotlight Alexander Romeo English STEM Cross Curricular Collaboration



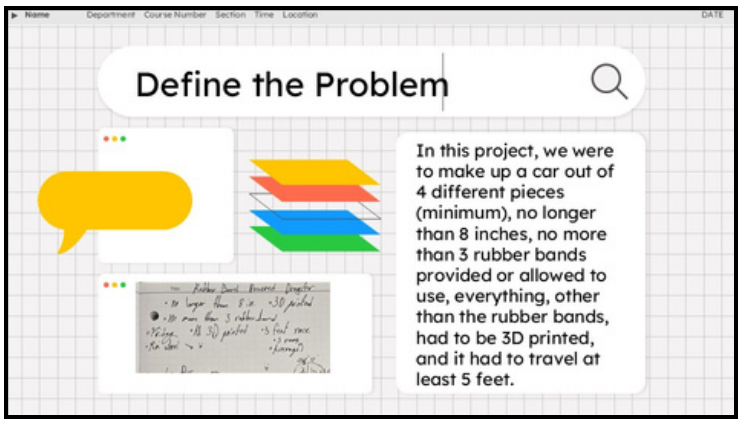
This month, we proudly feature Alexander Romeo, a creative and dedicated freshman in our STEM Academy. As part of a cross-curricular project in English 1, students were challenged to teach a specific grammar concept to their classmates using an engaging and interactive presentation format. The project encouraged students to explore innovative ways to explain complex ideas, incorporating technology and creativity.

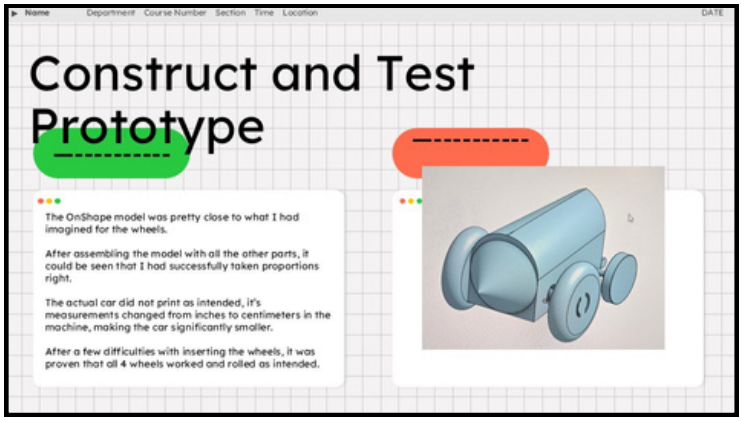
Alexander's chosen topic was compound sentences, and he designed an interactive learning experience using Scratch, a visual programming platform. His project, available here, guides users through the fundamentals of compound sentences with dynamic visuals, user choices, and creative coding. Alexander's work showcases his ability to merge technical and linguistic skills, making grammar lessons both fun and accessible. His project is a testament to the power of combining STEM with the humanities and serves as an inspiration to his peers. Great job, Alexander!

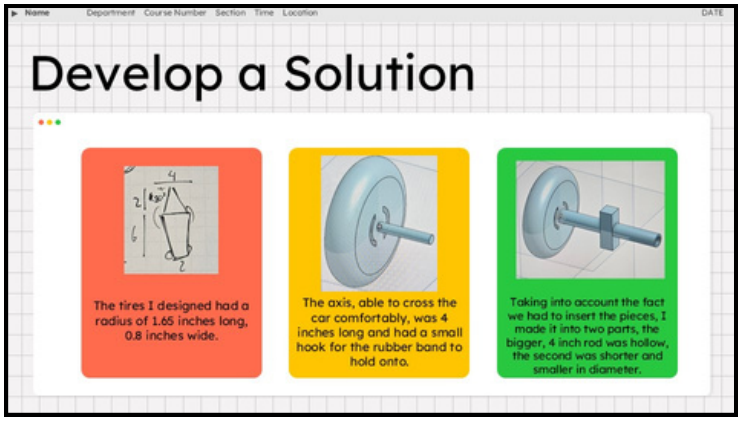
Rubber Band Powered Dragsters with Mr. Richards Class

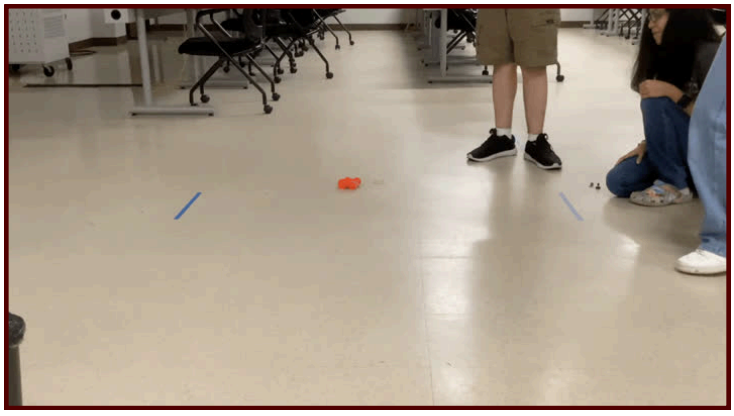
In Mr. Richards' Introduction to Engineering Design class, students put their creativity and problem-solving skills to the test by designing and building rubber band-powered dragsters. Using 3D-printed materials and rubber bands, student teams collaborated to construct innovative vehicles capable of racing across the classroom. The project not only challenged students to engineer functional designs but also introduced them to key elements of the design process, including brainstorming, prototyping, testing, and refining their creations.

The project culminated in a thrilling drag race competition, where students had the opportunity to see their hard work in action. Each group applied principles of physics and engineering to optimize their designs for speed and efficiency, learning valuable lessons about teamwork, iteration, and real-world problem-solving along the way. Mr. Richards praised his students for their ingenuity and determination, saying, "The kids did great - some of the cars exceeded my expectations going as far as 5 feet!"









Upcoming Events

December

Sun	Mon	Tues	Wed	Thur	Fri	Sat	Notes
1	2	3	4	5	6	7	
		ELA1 STAAR Retest	Alg 1 US His STAAR Retest	ELA 2 Bio STAAR Retest	PR 4 Ends STAAR Retest	Cosmetology: Princess Spa Day Fundraiser (Ages 3-11)	Dec 7 - Robotics II VEX Robotics Competition at Pasadena ISD
8	9	10	11	12	13	14	
	STEM Academy, CSME, Maritime, Logistics Class of 2029 Parent Meeting		Cardboard Canoe Races; Lee College	PR 4 Grades in Portal			Dec 12 - Maritime, Sam Houston Boat Tour
15	16	17	18	19	20	21	
				MP 2 Ends	Early Release		Final Exam Week
22	23	24	25	26	27	28	
			Christmas Holiday				
29	30	31					
			Christmas Holiday				

STEM | Cosmetology | Maritime

Academy Handbook

Academy Administration Team

COSMETOLOGY PROGRAM ROBERT E. LEE HS

MARITIME PROGRAM ROBERT E. LEE HS

LOGISTICS PROGRAM ROBERT E. LEE HS

THE CAREER ACADEMIES OF GOOSE CREEK CISD
ROBERT E. LEE HS STEM CAREER ACADEMY
NCAC MODEL ACADEMY P-TECH DESIGNATION

https://schools.gccisd.net/page/cte.Academy.STEM

https://schools.gccisd.net/page/cte.Academy.Maritime

https://schools.gccisd.net/page/cte.CosmetologyProgram