

Looking for exciting activities during the summer months to engage and enhance your child's math and science skills and address the summer math brain drain?

Enroll your child in the

Summer STEM Enrichment Institute



Math Science @ STEM⁵⁴

www.stem54.com

Weekly sessions begin 9am - 6pm Monday - Friday

June 22nd 2020 until August 28th 2020

2717 W. 54th St. LA, CA 90043

310-467-4977

The Summer STEM Enrichment Institute (SSTEMEI) is an intensive hands-on, minds-on experience that prepares students for academic success in Science, Technology, Engineering, and Mathematics (STEM) coursework for students in grades Middle and high School only.

Parents – Drop in visit our lab with your student to see the wide variety of age appropriate hands-on Math, Science and Engineering activities we provide, and learn about our other projects designed to prevent the 2.6 months of lost math skills that occurs over the summer months.

Every Friday there will be a field trip to engineering and construction sites, architectural tours, etc., Transportation will be provided by the MTA. Thus students will become aware of the public transportation system and how to navigate it. The product of these excursions will be projects and presentations authored by the students. The projects will be technical, utilitarian, and aesthetic in nature. Students will be building practical construction and design projects. They will also be exposed to the use of simple tools and measurement instruments.

Cost is \$200 per week. Students will bring their own lunch and parents will need to purchase a TAP card for field trips that will use public transportation. The daily schedule is presented on the following page.

Hurry! Space is limited to assure small class size and room for independent study, discovery and research. The chart below presents the daily schedule of classes. Each class will consist of direct instruction, hands-on work, guided practice, cooperative group exercises, with daily assessments and practice. Mathematics will be a major focus with an emphasis on basic skills, and common core principles and techniques.

Daily Schedule

Regular Schedule					
	Monday	Tuesday	Wednesday	Thursday	Friday
0800-0915	Math	Math	Math	Math	Field Trip
0915-0930	Break	Break	Break	Break	Field Trip
0935-1115	Math	Math	Math	Math	Field Trip
1125-1215	Cleanup Prep	Cleanup Prep	Cleanup Prep	Cleanup Prep	Field Trip
1215-1300	Lunch	Lunch	Lunch	Lunch	Field Trip
1315-1430	Science	Science	Science	Science	Field Trip
1435-1545	projects	projects	projects	projects	Field Trip
1550-1700	Electivies	Electivies	Electivies	Electivies	Field Trip
1700-1800	FreeTime/Cleanup	FreeTime/Cleanup	FreeTime/Cleanup	FreeTime/Cleanup	Field Trip

Course Work

Science Lessons	Math Coursework	Projects	Electives	Trips
Scientific Method	Basic Skills Practice	Solar Ovens	Simple Tools	Field Trip 1
Truth vs. Fiction in Measurement	Fractions	CD-Sculpture	Electricity Lab	Field Trip 2
Density	Decimals	Foxhole Radio	Computer Nomenclature	Field Trip 3
Nature of Heat	Percents		Soldering	Field Trip 4
Hydrogen	Exponents		Circuits I	Field Trip 5
Senses	Problem Solving		Circuits II	Field Trip 6
Hooke's Law	Creating Exercises		Solar Cells	Field Trip 7
Trajectories (time lapse)	Creating Assessments		Microscopy	Field Trip 8
Falling Bodies	Pre Algebra			
Slope (Walking)	Algebra			
Slope (constant Velocity Cars)	Beg. Geometry			
Acceleration (Cars)	Basic Skills Comp.			
Intersection of CVCars	Common Core Math			
Volumetric models and Rulers				
Volume Contest				
Magnetic fields				
Compasses				
Creating Electricity (Magnets)				
Heat Absorption (Mtierils0				
Plate Tectonics				
Angles and Measures				

Notes

We have implemented a new structure this year in line with COVID 19 Pandemic Guidelines by California Department of Public Health, California Department of Social Services in collaboration with The California Department of Education.

- All children will be required to have a COVID 19 test.
- They will have to supply us with a negative result prior to attending.
- A Copy of the test result will have to be emailed to STEM 54 prior to starting the camp.
- All students will have their temperature taken at STEM 54 three times a day, on arrival at lunchtime and in the afternoon. If there temperature is 100.4 parents will be asked to collect them.
- Please provide your children with hand sanitizer. It will be available at STEM 54 as well but we are encouraging less social contact with all the children.

This summer because of the pandemic and social distancing we will only have SIX places available for our camp. Places will be offered on a first come, first serve basis and that all evidence and documentation has been provided in advance along with your payment. All students should also have a mask to be worn during classes. We will not expect them to use them during lunch and snack times. Our building has been thoroughly disinfected in preparation for this year's summer camp. We will continue to clean the building during the day whilst the children are present to prevent contamination.

We look forward to seeing your children at this summer's program. If you have any further questions please do not hesitate to contact us so we can answer any of your concerns. We understand that many of our students have had little or no math and science instruction during the past 4 months during the shutdown and very little online or distance learning has been very effective in these subject's.

Black and brown children are currently the lowest performing children in the state of California. Our summer intensive ensures that our children will return to school ready to hit the ground running. Below are the daily schedules including coursework.