

2025 STEM Camp Weekly Activities

Monday-Friday 1pm-4pm

June 2--Aug 1

Samira's Private Tutoring
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Week	Activities
June 2-6	<u>Life Science Explorations</u> Strawberry DNA Extraction Yeast Fermentation How to Make Homemade Yogurt Growing Mold on Bread Simple Plant Cloning
June 9-13	<u>Environmental Science and Ecology</u> DIY Hydroponics System Testing Soil pH Germinating Seeds in Different Conditions Plant Tropisms Water Filtration

June 16-20 *Closed June 19th for Juneteenth	<u>Chemistry in Action</u> Chromatography of Pigments Acid-Base Cabbage Indicator Making Plastic from Milk Starch Testing in Food Homemade Hand Warmer
June 23-27	<u>Food Science Experiments</u> Butter Making Gluten Formation in Bread Vitamin C Testing Say Cheese! Antioxidant Effectiveness
June 30-July 3 *Closed July 4	<u>Physics and Forces</u> Balloon Powered Car Rubber Band Helicopter Egg Drop Contraption Model Bridge Building Static Electricity with Amber
July 7-11	<u>Space Science Adventures</u> Sunspot Observation Crater Creation Galaxy Slime

	Rocket Launch Simulation Build a Comet Model
July 14-18	<u>Ancient Engineering and Innovations</u> Building Archimedes Screw Construct A Catapult Greek Water Clock Greek Water Clock Heron's Fountain Egyptian Pulley
July 21-25	<u>Renewable Energy and Sustainability</u> Wind Turbines Biodegradable Packaging Soda Can Engine Artificial Lung Model Hydraulic Lift
July 27- Aug 1	<u>Anatomy and Health Sciences</u> Make Your Own Stethoscope Observing Osmosis Respiration in Yeast Enzyme Activity in Fruit Ripening Observing Mitosis in Onion Roots

Week	Class	Description	
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	Masterpiece Makers! Elementary	Unleash your imagination! Get ready to explore painting, drawing, sculpting, and mixed media while discovering your unique artistic style!	Ms. Kayla
July 14-18	Maker Space Elementary	Do you love creating things made from everyday household items? Use your creativity to make creations from objects like cardboard, paper towel rolls, bottle caps, string, and more!	Ms. Jessica
July 14-18	Book Club and Creative Writing/ Life Skills Middle- Junior High	Engage in fun reading challenges, discussions, themed based activities, blackout poetry, and creative writing activities. Life skills activities will include activities like creating a budget, goal setting, job readiness, career exploration, and more!	Ms. Gracie
	Next Gen Entrepreneurs 5th-9th	Through interactive workshops, team challenges, and real-world simulations, students will learn the essentials of starting and growing a business -- from developing a business idea and creating a marketing strategy to managing finances and pitching the vision.	Mrs. Samira

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July 21-25	Masterpiece Makers! Elementary	Unleash your imagination! Get ready to explore painting, drawing, sculpting, and mixed media while discovering your unique artistic style!	Ms. Kayla
July 21-25	Gaming Arena Elementary, Middle	Game on! Enjoy a week of classic board games and interest based (parent approved) computer games.	Ms. Jessica
	Book Club and Creative Writing/ Life Skills Middle- Junior High	Engage in fun reading challenges, discussions, themed based activities, blackout poetry, and creative writing activities. Life skills activities will include activities like creating a budget, goal setting, job readiness, career exploration, and more!	Ms. Gracie
July 21-25	Next Gen Entrepreneurs 5th-9th	Through interactive workshops, team challenges, and real-world simulations, students will learn the essentials of starting and growing a business -- from developing a business idea and creating a marketing strategy to managing finances and pitching the vision.	Mrs. Samira

Week	Class	Description	Teacher
July 27- Aug 1	Masterpiece Makers! Elementary	Unleash your imagination! Get ready to explore painting, drawing, sculpting, and mixed media while discovering your unique artistic style!	Ms. Kayla
July 27- Aug 1	H2 Whooooa! Elementary	This week will be filled with fun filled water experiments that will blow your mind!	Ms. Jessica
	Book Club and Creative Writing/ Life Skills Middle- Junior High	Engage in fun reading challenges, discussions, themed based activities, blackout poetry, and creative writing activities. Life skills activities will include activities like creating a budget, goal setting, job readiness, career exploration, and more!	Ms. Gracie
July 217-Aug 1	Next Gen Entrepreneurs 5th-9th	Through interactive workshops, team challenges, and real-world simulations, students will learn the essentials of starting and growing a business -- from developing a business idea and creating a marketing strategy to managing finances and pitching the vision.	Mrs. Samira

