

Week One: June 24th through June 28th



Plan a City: Structures What does it take to make a city like San Diego or San Francisco? Learn to be a city planner from ground breaking suburban community development to sky rise city centers. Students will study large engineering structures that make California the great state it is today! From our California Aqueduct to amazing bridges like the Coronado Bridge and San Francisco Golden Gate Bridge, that make our state work. Starting with the big city, to the farms, and on great highways to our small communities, students will explore in our Maker's Space to understand how to plan a city.

Restaurant Week From farm to the table, students will meal plan, prep, cook and serve their peers! Students will work through the process of how a restaurant functions from start to finish. They will develop menus, advertise their place of business, develop a recipe, experiment, taste-test and ultimately make and serve a 3 course meal, including the special sauce so to speak. This week will also focus on nutrition, food etiquette and proper table manners while enjoying a meal together.



Week Two: July 1st through July 5th (closed July 4th)



Reader's/Writer's Workshop Our Reader's / Writer's Workshop, will help students understand a variety of literary topics. Students will be encouraged to read, listen to, and share their thoughts on subjects and topics of their interest. Stories will motivate and interest our students and they will be taught to understand an author's style, diction and the message being conveyed. Children will write their own book as their creativity and imagination will help the BE the author themselves.

Sports and Fitness Camp Focusing on comradery and teamwork in our electronically social world. The children balancing both mental and physical strength through games such as kickball, baseball, soccer and Frisbee golf. They will develop strategies during teambuilding activities designed to promote personal fitness growth, with examples like relay races and obstacle courses that will be fun for all.



Week 3: July 8th through July 12th



Coding & Robotics: Engineering of Structures How do engineers build very large structures like The Golden Gate Bridge and The California Aqueduct? Focusing on scientifically minded young people, we will teach collaboration and teamwork to design, build and program robots. Students will study how robots help engineers to build very large structures, utilizing our Sony KOOV and Lego EV3 Robots. Coding with SCRATCH and our open source Arduino platform, we will use KOOV and Lego blocks to build, implement and execute a creative and challenging week filled with activities.

Week 3 & 4 – July 8th through July 19th

Theater and Performing Arts Camp

Week 3: MBMA invites children, to a 2 week camp, to enjoy performing as actors, to become the characters in this summer's creative musical production. Those who like to dance, sing and create dramatic art will be introduced to script reading, blocking, choreography, singing, performance artistry and set design. There will be a casting call and set designing in preparation for this summer's production. So please sign up to be a cast member today!



Week 4: Continuing from week 3, it's production time! This week will be filled with rehearsals, designing costumes and preparing for the actual show. Characters will come to life, as all the skills that have been developed in acting, singing, choreography, set design and staging come together as our actors put on a musical sure to please the Academy! The "A" in MBMA that is. This summer's performance will be held on the last Friday of Week 4, so come and join our cast and crew and you are sure to enjoy the show!

Week 4: July 15th through July 19th

STEAM Camp: Big Cats Big Cats and how they survive! Students will explore the world of Earth's 7 Big Cat species, family Felidae. Our focus this week is to create hands-on projects utilizing STEAM (Science, Technology, Engineering, Art and Math) in our very own Maker's Space Studio. Get ready to explore, collaborate your ideas, all while learning about Earth's 7 Big Cats. The children will explore CAD printing, create original works of art, learn about real-world science, collaborate using critical thinking to solve problems and create together!



Week 5: July 22nd through July 26th



Plan a City: Transportation How does transportation work in the development plan of a city? Learn to be a city planner from ground breaking community development showing movement of a product for import and export. Can we deliver a product from manufacturing facilities to sell at the market place. Students will delve into the movement of merchandise with all types of transportation which creates our booming economy. Students will work in our Maker's Space Studio, utilizing design software, 3D printers to develop their source for commerce to develop our large cities and small communities.

Art Studio – MBMA invites children to our Art Studio, especially those who are interest in designing their own creative piece of artwork. This week we will focus on **acrylics on canvas** and be inspired by the outside with visits all over campus. Our instructors will guide students to go outside, witness our environment, sketch what they observe and then bring their own creativity, utilizing our tools and materials to carefully plan a painting.



Week 6: July 29th through August 2nd



STEAM CAMP: Dinosaurs Students will explore prehistoric life compared to life on Earth today. They will research our theme, engineer on CAD design software, create their coding and design skills and finish with 3D printing and our animation production studio.

- **CAD & 3-D Printing Studio**
- **Animation Production Workshop**

Focusing on science, technology, engineering and math, lessons will be taught at junior and senior levels so that skills can build over multiple sessions.

Art Studio MBMA invites children to our Art Studio for an amazing week. This session we will focus on **watercolor**, using the outside environment as our inspiration. Our instructors will guide students to go outside, explore our environment by focusing on an animal which can be found on campus or in the local canyons. Each will sketch what they observe and bring their own creativity, utilizing our tools and materials to carefully plan a watercolor painting. Those who are interest in designing their own creative piece of artwork should come and join us.



Week 7: August 5th through August 9th



Create a Business This week-long camp will inspire students to work through the process of how a business works from start to finish. Students will develop business plans to ultimately produce a product, create marketing schemes and calculate their finances. Utilizing our Maker's Space here at MBMA, the finale will be our camp swap meet, where we focus on business etiquette and manners toward customers, and together students will create their own business.

Sports and Fitness Camp Getting physical and focusing on social interaction with a team and the comradery that goes with teamwork. The children will balance both mental and physical strength through games such as flag football, soccer, hockey and basketball. They will develop strategies during teambuilding activities designed to promote personal fitness growth, with examples like obstacle courses, and relay races to build coordination and physical activity but most of all fun!



Week 8: August 12th through August 16th



Coding & Robotics: Engineering of Structures How do engineers build very large structures like The Empire State Building and the Eifel Tower? Focusing on scientifically minded young people, we will teach collaboration and teamwork to design, build and program robots. Students will study how robots help engineers to build very large structures, utilizing our Sony KOOV and Lego EV3 Robots. Coding with SCRATCH and our open source Arduino platform, we will use KOOV and Lego blocks to build, implement and execute a creative and challenging week filled with activities.

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