



5178 Moorpark Ave, San Jose, CA 95129

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Phone: 408.753.9597 / 510.579.8756

[Summer Camps 2018 – Program Details](#)

Basketball (Ages - 5 to 14 Years)

Basketball camp is designed to introduce young athletes to basketball in one setting. Athletes will learn the rules and essentials through skill-based games and scrimmages. By the end of the week, your child will walk away with knowledge along with vital life lessons such as respect, teamwork, and self-discipline. Groups: At each camp we place campers into groups based on age and ability.

Camp Sessions

Jun 11 – Jun 15

Jun 25 – Jun 29

Swimming (Ages - 5 to 14 Years)

Welcome Summer with week filled with water splash, play while swimming with friends; a great way to keep cool and active. This camp is for swimmers who can swim a minimum of 3 feet to and from the swimming pool wall. The program provides an opportunity for all campers to improve, learn new techniques, and have FUN while developing vital lifelong skill. Our staff of educators and coaches insure your swimmer has a great time while learning proper stroke techniques and developing their aquatic skills. Coaches perform a swim test at the beginning of the camp to get to know each student's swim ability to form the groups for the week. Kids enjoy daily swim lesson and open swim time and make tons of friends.

Camp Session

Jun 11 – Jun 15

Creative Art (Ages - 5 to 12 Years)

Creativity at its best!! Kids get exposed to build foundation to create any piece of art by credible artists. Special emphasis on expanding horizon of kid's imagination. Learn a unique art of Acrylic Painting, Drawing, Air brush art, Beautiful mosaics, Tile art and much more in store for our art camp.

Camp Session

Jun 11 – Jun 15

Jul 02 – Jul 06 (July 04 – off)



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Creative Writing (Ages - 5 to12 Years)

Kids will learn the art of writing essays. Depending on their grade level they will write three and five-paragraph essays as required by most schools. In addition to planning and outlining their essays, students will learn how to write appropriate topic sentences and powerful thesis statements will be discussed. Older students will write their essays using Modern Language Association (MLA) format.

Camp Session

Jun 18 – Jun 22

Ice Skating (Ages - 5 to14 Years)

This camp will be held in part at the Cupertino Ice Center (Vallco Mall). Ice skating is an exciting, invigorating and enjoyable activity. At this camp, children will learn the basic skills of Ice Skating and practice and enhance their balance, speed and control on the ice. Step-by-step instructions in pleasant, supervised surroundings make learning safe and easy. Transportation and Rental are included in the camp price. Additional waiver required.

Camp Sessions

Jun 11 – Jun 15

Jun18 – Jun 22

Jul 16 – Jul 20

Chess (Ages - 5 to 14 Years)

Chess has long been regarded as a game that can have beneficial effects on learning on development, especially when it is played from a young age. At this camp your child will be introduced to chess and will play for fun or start playing in official chess tournaments! Here is your chance to develop your child's skills in one of the world's oldest board games, logic and reasoning, patience and persistence, organizational and decision making, analytical thinking, etc.

Camp Sessions

Jun 18 – Jun 22

Jul 23 – Jul 27

Lego Robotics (Ages - 8 to 14 Years)

At our Lego Robotics camp, students will learn a variety of real world engineering concepts that are simplified through the use of LEGO. Some of the topics covered include rack and pinion steering, differentials, building strong, and more. By utilizing the simplicity of LEGO and the motorized components of LEGO Power Functions, students will be able to build complicated robots without having and previous technical knowledge.



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Students will learn:

- The importance of major engineering concepts, such as gear ratios, rack and pinion, differentials
- The difference between two-wheel and four-wheel drive engineering
- How to build complex robots using Lego power functions

Students will create:

- Realistic cars that use rack and pinion steering
- Robust drivetrain that uses a differential
- Sumo" robots
- Battle Bot robots to compete in a friendly tournament

Camp Sessions

Jun 18 – Jun 22

Jul 30 – Aug 03

Motorized Lego (Ages - 5 to 14 Years)

Motorized LEGO Curriculum is designed to have a lot of fun and education for your LEGO enthusiast who enjoys building LEGO sets by stacking different bricks. Kids will get a head start by exploring the foundations of designing and building real life powered machines and mechanisms with motors. They will create advanced models with complex technical functions using gears, axles, motors and battery packs. They will start with simple motorized creations and move up to creating complex machines like high-powered race cars featuring working steering and a detailed V8 engine with moving pistons. Kids will also build High-speed Passenger train, featuring a motorized locomotive with 8-channel, 7-speed infrared remote control, removable roofs on locomotive and cars, and more. The hands on building will enable them to visualize how form and function come together in great design. We will work to improve our projects by observing their performance and experimenting with incremental changes.

Camp Sessions

Jun 25– Jun 29

Jul 02 – Jul 06 (July 04 – off)

Jul 30 – Aug 03

Engineering FUNdamentals (Ages 7 – 11 Years)

Students will get to explore the world of engineering fundamentals by building a variety of different fun projects. Through challenges like model bridges, marble roller coasters, spaghetti towers and more, students will get to see how physics and engineering concepts such as kinetic energy and buoyancy can be used in real life, all while having tons of fun!



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Students will learn:

- The logic of creative thinking involved in engineering
- How to apply basic physics to the engineering and design process
- How to work as a team to accomplish a common goal

Students will Create:

- Soaring skyscrapers through the use of spaghetti, tape and string
- Heavy-duty bridges using paper, glue, and string
- Speedy marble roller coasters using foam tubes, tape, and other tools

Camp Session

Jun 25 – Jun 29

Math Olympiad (Ages 9 – 14 Years)

Math Olympiad summer camp is designed to stimulate enthusiasm and love for Mathematics. The program introduces important Math concepts and teaches creative strategies for problem solving. The week-long program gives students confidence and the skills to tackle any type of problem; academic or otherwise. Problem solving is what Math is all about. As one discovers how to solve problems one previously thought were impossible, child would apply the same calm thought process to the real-life problems. Overall, your child will strengthen Mathematical intuition and foster Mathematical creativity. Parents and Kids love our approach to Math!

Camp Session

Jul 02 – Jul 06 (July 04 – off)

Mad Science (Ages - 5 to 14 Years)

Jet Cadets - Explore the basic principles of flight, ride a hovercraft, build airplanes, and construct balloon copters! This hands-on Mad Science program teaches you all about aerodynamics and the world above us! Discover the mysteries of the galaxy, learn about celestial navigation, and take home a rocket that you build yourself!

Reactions in Actions - Junior Mad Scientists dive into the realms of the Chemical and Physical world in this crazy week of non-stop action – and Reaction! Kids explore our wonder lab and find eggs that don't break, ice that doesn't melt, and discover how to freeze time! Our young chemists perform spectacular hands on experiments and continue the fun at home with the gadgets they've designed in the lab!

Camp Sessions

Jul 07 – Jul 13 (Jet Cadets)

Aug 06 – Aug 10 (Reactions in Actions)



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Tennis (Ages - 5 to 14 Years)

Grab your tennis racket and get ready to play! Whether you're a beginning, an intermediate or an advanced player, this program will improve your game and help you get more enjoyment from tennis. Our tennis programs focus on skill refinement as well as practice and match play to develop consistent, well-rounded tennis players. Each player is given personal attention and taught through repetition in an enjoyable, lively atmosphere. The training breaks down the fundamental skills of tennis through easily understood games and exercises to help improve the athlete's overall coordination and technique. Players learn proper grips, footwork, strokes, volleys and serves during a series of drills designed to teach skills in a fun and dynamic way. In addition to developing a love for tennis, athletes will learn the rules and etiquette that make tennis such an exciting game to play.

Camp Sessions

Jul 09 – Jul 13

Aug 06 – Aug 10

Code FUNdamentals – Scratch Programming (Ages - 7 to 11 Years)

Learning how to program can be daunting, but Scratch makes it fun! Scratch is an online programming tool that teaches students the basic logic and reasoning of programming, helping students get a grasp on coding fundamentals. By combining exciting graphics, sounds, and movements, students will have the capability to make games, animations and more. Our Code FUNdamentals class is great for students of all skill levels!

Students will learn:

- The logic and creative thinking behind the art of programming
- How to apply analytical and problem-solving skills to solve real life complex problems
- Thought process involved in designing a world class user experience

Students will create:

- Animations using custom images and scratch programming
- A custom game of the student's design using scratch programming

Camp Session

Jun 25 – Jun 29

Web Development (Ages - 7 to 11 Years)

Students will learn how to create their own styled and dynamic websites, using HTML, CSS, and JavaScript. They will be able to publish their live site online and gain the skills necessary to build websites combining compelling content with the aesthetic styling for a masterpiece beyond imagination. Students will enjoy being able to create their own



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personal websites at the end of the session, and this knowledge will traverse with them in the future.

Students will learn:

- HTML5 and advanced syntax, as well as how to create, local, simple web pages.
- Cascading Style Sheets (CSS), which is used to allow greater control over the design of their webpage.
- UI/ UX design and various prototyping concepts
- Networking— behind the scenes of how domains, servers, and the world wide web works

Students will Create:

- A full-fledged website with their own domain accessible by anyone on the world wide web
- Fully designed pages using Cascading Style Sheets (CSS)
- Personal portfolio website with multiple pages and links to other websites

Camp Session

Jul 16 – Jul 20

Cricket (Ages – 7 to 14 Years)

The summer cricket camp introduces a wide range of skills throughout the week including bowling, fielding and batting. Each day ends with small-sided games where the coaches encourage good sportsmanship and teamwork. Participants will develop an understanding of batting and fielding skills and be encouraged to implement these skills into realistic scrimmages and game-play situations. Cricket summer camp is appropriate for players ranging from beginners, to those already well versed in the sport of cricket. Groups are separated by age and ability to ensure all players flourish in a positive learning environment while having a great time!

Camp Session

Jul 23 – Jul 27

IOT with Raspberry Pi (Ages - 11 to 14 Years)

Demystify the Internet Of Things...

Dive into electrical engineering with our Internet of Things camp. Students will create many exciting projects such as a pixel art frame, a motion security alarm and LED light strip all controllable on mobile devices. By learning the basics of electrical engineering utilizing circuitry and the Python programming language using a Raspberry Pi, students will gain a cohesive understanding of Internet of Things to create even more projects outside of class.



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Students will learn:

- Basic understanding of circuitry and electrical engineering on the Raspberry Pi platform
- Dive into coding with a foundation of the Python programming language

Students will use Raspberry Pi, and Python platform to:

- Create a system which displays a pixel art frame
- Create a LED light strip controllable by a mobile device
- Produce a motion security alarm which can be monitored and controlled over the internet

Camp Session

Jul 23 – Jul 27

Martial Art (Ages – 5 and up)

In this camp students will practice both Kung Fu techniques and Kung Fu theory to build body strength. It not only helps students capture the essence of Kung Fu, but enhances the students' self-confidence, improves their social behavior, practice restraint and discipline, develops good habits and educates them to be respectful with teachers and others. Additional waivers required.

Camp Session

Jul 30 – Aug 03

Fun Camp (Ages – 5 and up)

Innovative 5 days camp designed for kids to learn fun filled activities; Salsa Dance, Sports, Motorized Lego, Art and Metal Math (Yes, Math can be fun).

On Salsa day, our little champ's dancers will learn the basic steps of the Ballroom/Latin dances with emphasis on body awareness, timing, rhythm and coordination. Emphasis is on ballroom.

Art day showcases creativity at its best. Kids get exposed to build foundation to create any piece of art by credible artists. A real effort on expanding horizon of kid's imagination.

Sports Day filled with exciting sports like Basketball, Soccer and Cricket

Lego day drives engineering and creativity to design and build motorized complex projects

Mental Math infuses renewed excitement and enable kids to solve problems without the guidance of pencil and paper. All of a sudden, kids fall in love with Math and they want more of it.....

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Aug 13 – Aug 17