



JCAS Summer Camp Schedule 2020
June 15th-Aug7th

All camps are offered **Full-Day (9:00am - 3:30pm)** and **Half-Day (9:00am - 12:00pm)**

WEEK	THEME	DESCRIPTION	AGES
June 8-12	Creative Coding	Create your own video game! This week we will learn to code their own game or recreate one of their favorites using visual blocks. Campers will learn fundamental programming concepts and put these into practice developing their very own game. All levels welcome.	11-13
June 15-19	Digital Arts	A photo tells a thousand stories! The focus of this camp is photography and mixed media. Campers will explore elements of mixed media, digital photography and design thinking. Using inquiry-led discussion, students will learn about modern photographers and use them as inspiration to create original works of art. Over the course of the program, they will document the in-class creative process through photo and video.	5-7
June 15-19	Crazy Chemistry	"MmmmMmm Molecules" Join us for a week of molecular exploration - Campers will tempt their taste buds with some food exploration, from homemade ice cream to solar cooking. Campers will also learn about synthetic compounds - like industrial slime and snow.	8-10
(2 weeks) June 22 -26 June 29- Jul 3	Carpentry 1	If you can imagine it, you can build it! Campers will learn to use a complement of hand tools in a course that stresses respect for others, respect for tools, safe tool use, practical problem-solving and creative development. Projects increase in difficulty as experience grows, beginning with toy boats and working up to full-sized furniture and functional skateboards.	6-13
June 22 - 26	Creative Creatures	Embark on an epic adventure exploring the creatures and critters all around us and in our imaginations. Artists will use their findings to invent fantastic beasts and mythical animals and tell their tales!. Using recycled materials, paper mache, puppetry and sewing, inventors will sculpt their creatures and build their very own habitats.	5-7



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June 29- July 3	Comics/Zines	Create your own comics! Tell your own tale! In this camp, we will explore the world of visual storytelling. Students will be introduced to fundamental principles of visual storytelling, layout and cover design, while also getting creative with printmaking techniques, paper folding, and book making.	7-10
July 6-10	Circuits! Can I get a Watt Watt...	Light it up and make it move! Explore the world of Electricity with LEDs, paper circuits, motors and solar powered robots.	8-10
July 6-10	Mix it up	Let's mix it up with wild patterns, crazy concoctions, and loads of art supplies! In this camp we will try a myriad of different techniques and styles by making art with found objects, cardboard, paint and wire. Artists will explore unconventional materials and think "off the wall" as they make installations, sculptures, and other multi-media creations that can stand on their own. Celebrate at the end of the week with a homemade local feast and an art show for the whole family.	5-7
July 13-17 July 20-24	Carpentry 2	If you can imagine it, you can build it! Campers will learn to use a complement of hand tools in a course that stresses respect for others, respect for tools, safe tool use, practical problem-solving and creative development. Projects increase in difficulty as experience grows, beginning with toy boats and working up to full-sized furniture and functional skateboards.	
July 13-17	Art Adventurers	In this fun filled camp young artists will take part in an adventure. From observational drawing to creating sculptures with natural materials, this Art Adventure will focus on showcasing the rich history and cultural aspects of Lake Merritt while providing ample opportunities to create art. Students will be encouraged to stretch their minds, bodies, and imaginations in this sensory-rich art exploration!	5-7
(2 weeks) July 20-24 July 27-31	Carpentry 2	If you can imagine it, you can build it! Campers will learn to use a complement of hand tools in a course that stresses respect for others, respect for tools, safe tool use, practical problem-solving and creative development. Projects increase in difficulty as experience grows, beginning with toy boats and working up to full-sized furniture and functional skateboards.	



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July 20-24	Stop Motion Animation	Tap into the incredible practice of stop-motion film production and technique using play doh and clay. Animation camp contains everything students need to create their own, individual movies, including top-quality clay, fun-to-use software, adorable cameras and amazing curriculum that turns anyone into a filmmaker.	8-10
(2 weeks) July 27-31 Aug 3-7	MakerSpace	Make, create, and innovate- this 2 week camp is an interactive hands-on makerspace camp where campers will engage in small and large scale individual and collaborative projects while exploring science and engineering concepts. Spend your days Using design software like scratch and Tinkercad develop cardboard prototypes, play music on a banana and explore 3D printers. Mornings are devoted to digital design & fabrication. Afternoons you'll get down and dirty with assembly: soldering circuit & parts, drilling, gluing and whatever else it takes to build your model.	8-11
(2 weeks) July 27-31 Aug 3-7	Carpentry 3	If you can imagine it, you can build it! Campers will learn to use a complement of hand tools in a course that stresses respect for others, respect for tools, safe tool use, practical problem-solving and creative development. Projects increase in difficulty as experience grows, beginning with toy boats and working up to full-sized furniture and functional skateboards.	6-14