



NOCCS Rocks Summer Camp Information

General Information

NOCCS Rocks Camp is a summer camp that provides kids with many options for a fun and engaging summer. At camp, kids will have opportunities to participate in inquiry-based projects while also spending time outdoors playing games and participating in hands-on activities. Kids will work in grade level cohorts on play-based activities and academic explorations that integrate art, science, math, cooking and more. NOCCS Rocks Camp is a great opportunity to build and develop relationships with NOCCS teachers and students. NOCCS Rocks Camp was designed for students entering kindergarten through 9th grade. All profits from the camp will benefit our wonderful school!

Why NOCCS Rocks Camp?

Taught by experienced, credentialed teachers
Inquiry-based curriculum
Outdoor games and hands-on projects
Wide variety of engaging classes, including Hogwarts Academy, Legos, Edible Science, Painting & Puppets and much more!
Helps keep your child connected with school over the summer
Introduces pre-kindergartners to the school environment and norms.
Proceeds benefit NOCCS!

Curriculum

The NOCCS Rocks Camp staff has designed a variety of engaging and exciting classes for this summer! Please consult the camp session descriptions on the following pages for more information about each class. Note that the grade ranges refer to the grade your child will be entering in fall 2011.

Staff

Lily Jones (NOCCS Lead K/1 teacher) founded NOCCS Rocks Camp in the summer of 2009. Lily Jones' previous camp experiences include teaching art and writing curriculum for Camp Galileo and creating a math summer session for UC Berkeley's Academic Talent and Development Program. She is very excited about directing and teaching at NOCCS Rocks Camp for the 3rd summer in a row!

Jasmine Sheldon (NOCCS K/1 Teaching Assistant) came to NOCCS with 7 years of experience running outdoor education programs for youth with an array of organizations in Washington, Oregon, and California. She is currently in the Bay Area

Teacher Training Institute for her K-8 credential. She loves to cook, rock climb, play in the sunshine whenever she can, and is positively giddy about all of the exciting sessions planned for this summer!

Tatum Champlin (1st grade teacher) teaches first grade at Cragmont School in Berkeley and student taught in Lily Jones' K/1 class last year. She is excited to have the opportunity to share her love of poetry and ceramics with NOCCS campers!

Iliana Phirippidis (NOCCS 4/5 Teaching Assistant) is excited to be teaching at NOCCS Rocks Camp for the third year in a row! She is currently in a teaching credential program through SF State. She loves summer camp because it allows for a great balance of creative play and experiential learning, and it's tons of fun!

Natalie Roman (NOCCS Math & Science Teacher) has been teaching middle school math and science for 4 years. She has taught summer camp at Galileo Summer Quest for 2 years and has worked in many after school programs in Brooklyn, NY. Her first gardening, cooking, and crafting teacher was her mom, Asya! She started studying theatre in the first grade (as the wicked witch of the west in her school production of The Wizard of Oz) and kept it up all the way through college. She is looking forward to having fun while learning with NOCCS kids this summer!

Play-Well staff will teach all Play-Well Lego classes. For more information visit <http://www.play-well.org>.

Week One: July 11th - July 15th

<i>AM Session 9 AM - 12 PM</i>	<i>PM Session 1 PM - 4 PM</i>
<p>Brilliant Books (K-3) What do words, paint, plants, and sewing have in common? We'll kick off the week by learning how to make our own paper from plants, fibers, and other materials and create our very own hand-made sketchbooks! Campers will spend the week writing (or dictating and drawing depending upon ability level) their own collection of poetry, short stories, comic books, and/or drawings to publish in their own hand-bound books! (Taught by Lily Jones, Jasmine Sheldon and Tatum Champlin)</p>	<p>Edible Science (K-3) Conduct delicious experiments while learning how measurement, chemistry, and baking work together! Students will have the chance to cook up exciting treats each day that will explode, bubble, and change colors! At the end of the week students will come home with their very own edible science recipe book. (Taught by Lily Jones, Jasmine Sheldon and Tatum Champlin)</p>
<p>Mad Science (4-6) This week, campers will become mad scientists as they use everyday household items to make scientific discoveries and create cool gadgets for a mysterious evil genius... We'll have to employ the laws of physics, the concoctions of chemistry and of course, the undeniable power of slime! Muahaha!! (Taught by Iliana Phirippidis)</p>	<p>Hogwarts Academy (4-6) At Hogwarts Academy, campers will get to take classes like Potions, Charms, and Herbology. We'll design and create our own wands (since we can't make it to Diagon Alley to buy them!), and put them into good use. Through theater games and inventive play, we will bring the world of Harry Potter to life. In addition, campers will learn about the genre of fantasy and write their own fantasy stories. (Taught by Iliana Phirippidis)</p>
<p>That's Mathtastic! (6-8) This class is designed to prepare students for 6-8 grade math. It is all about strengthening foundational math in preparation for algebra! We will work on the basics (+, -, x, /) as well as operations with fractions and decimals. This class is for any student entering 6th through 8th grade, or for any student who needs extra work on the building blocks of math. (Taught by Natalie Roman)</p>	<p>Craftacular Urban Renewal (6-9) Campers will be crafting, beading and sewing! We will be making crafts from craft magazine, making jewelery, and taking trips to thrift stores to buy clothes we will sew into new designs! Be ready to use your creativity and imagination! (Taught by Natalie Roman)</p>
<p>Play-Well Legos: Pre-Engineering (K-1) Have your child become a Play-Well Engineer! Students will build cities, bridges, and motorized cars/planes and explore the many creative possibilities of engineering with the LEGO® system. With access to over 100,000 pieces of LEGO, your child will have the opportunity to build what they have only dreamed of with the support of an experienced Play-Well Engineering instructor to guide them.</p>	<p>Play-Well Legos: Junkyard Challenge (2-6) Campers work collaboratively to design and build the fastest, strongest machines and structures possible to solve real world engineering challenges. In this camp, success comes from creative thinking and resourceful use of "The Junkyard" – home to more than 100,000 LEGO pieces! Students will build elevators, bulldozers, conveyor belts, and other motorized and alternatively powered contraptions to complete this challenging course.</p>

Week Two: July 18th - July 22nd

<i>AM Session 9 AM - 12 PM</i>	<i>PM Session 1 PM - 4 PM</i>
<p>Sculpture & Poetry (K-3) Creativity runs wild this week! Campers will learn basic ceramic hand building techniques and decorative techniques, bringing home pottery masterpieces that can be enjoyed everyday! We will also use our art as inspiration for reading and writing poems of our very own. Pre-literate campers will dictate their poems. Poets will be invited to perform in the end of the week poetry slam at the NOCCS café! (Taught by Lily Jones, Jasmine Sheldon and Tatum Champlin)</p>	<p>Bubbles & Potions (K-3) Come learn about chemistry while making colorful and dynamic potions! Get ready for bubbling cauldrons and explosive reactions! We will watch mixtures as they change color, shape and temperature. Campers will learn about bubbleology by playing with touchable bubbles, making bubble paintings and learning how to make extremely large bubbles! (Taught by Lily Jones, Jasmine Sheldon and Tatum Champlin)</p>
<p>Detective Camp (4-6) This will be a week full of brain-teasers, whodunnits and sleuthing! Students will solve an array of mysteries using everything from math skills to code-cracking. We will also be reading classic mystery books and writing our very own mysteries. It's elementary, my dear Watson! (Taught by Iliana Phirippidis)</p>	<p>Greek Hero Training Camp (4-6) Campers will get the chance to become part of the world of the Greek gods and goddesses at Hero Training Camp! Modeled after "Camp Halfblood" from the Percy Jackson & the Olympians series, campers will find out what demigod skills they have through activities like mythology, archery, and capture the flag-- all while deepening their understanding of ancient history! (Taught by Iliana Phirippidis)</p>
<p>Algebra Readiness (7-9) This class is designed to give students going into 9th grade extra practice with algebra fundamentals, and students going into 7th or 8th grade a strong base for entering into algebra one. It is created for the student who has taken algebra but needs an extra review of the basics and for the student who wants a head start on algebra one. (Taught by Natalie Roman)</p>	<p>Guerrilla Gardening (6-9) Campers will be armed with native plants and trowels and will plant bomb the community! Every afternoon we will pick a new spot in the community in dire need and beautify it with native plants! Look forward to fresh air, sunshine, plants, and adventure! We will learn about native, drought resistant plants and how to plant them! (Taught by Natalie Roman)</p>
<p>Play-Well Legos: Pre-Engineering (K-1) Have your child become a Play-Well Engineer! Students will build cities, bridges, and motorized cars/planes and explore the many creative possibilities of engineering with the LEGO® system. With access to over 100,000 pieces of LEGO, your child will have the opportunity to build what they have only dreamed of with the support of an experienced Play-Well Engineering instructor to guide them. Curriculum will be different each week.</p>	<p>Play-Well Legos: Junkyard Challenge (2-6) Campers work collaboratively to design and build the fastest, strongest machines and structures possible to solve real world engineering challenges. In this camp, success comes from creative thinking and resourceful use of "The Junkyard" – home to more than 100,000 LEGO pieces! Students will build elevators, bulldozers, conveyor belts, and other motorized and alternatively powered contraptions to complete this challenging course. Curriculum will be different each week.</p>

Week Three: July 25th - July 29th

<i>AM Session 9 AM - 12 PM</i>	<i>PM Session 1 PM - 4 PM</i>
<p>Painting & Puppets (K-3) Put on your painting smocks and get ready for a puppet show! This week campers will experiment with a variety of painting techniques and materials. Campers will create Jackson Pollack-style splatter paintings, watercolor landscapes and even paint their own tote bags! Campers will get a glimpse into the world of puppeteering by creating finger, hand, sock and shadow puppets. The week will end with a puppet show performance on a camper-painted stage! (Taught by Lily Jones, Iliana Phirippidis and Tatum Champlin)</p>	<p>Puzzle Power (K-3) Get ready to crack the code! Campers will work together to solve mysteries and decode secret messages. Puzzling situations will surround us as we delve into Sudoku problems (for all age levels!), jigsaw puzzles, riddles and more! By the end of the week each camper will have created their own jigsaw puzzle and invented a secret code that will aid them as they solve a group mystery scavenger hunt! (Taught by Lily Jones, Iliana Phirippidis and Tatum Champlin)</p>
<p>Culinary Adventures (4-6) Prepare to be amazed by delicious concoctions that will astound you with their chemical properties! This week students will learn about chemistry, science and measurement by cooking food from around the world. We'll test our theories as we write our own recipes and experiment with new ingredients! Each day we will feast on our creations and host a "tasting" event at the end of the week! (Taught by Jasmine Sheldon)</p>	<p>Create-a-Book (4-6) Are you a comic book artist, budding poet, author of short stories, or simply love books and art? This is a session you won't want to miss! Campers will learn how to sew books together, create tiny pop-up books and create many more book creations! Throughout the week campers will read poetry, short stories, and comics while crafting their own compilation of pieces to publish at our authors' celebration at the end of the week! (Taught by Jasmine Sheldon)</p>
<p>Ess-easy! (6-9) This class gives students an easy and accessible structure to writing a 5 paragraph essay. Follow these easy steps and have no fear! Students will learn an essay formula they can use for life and try it out writing essays on topics of their choice! We will also be taking some trips to the library to choose sources on student topics. (Taught by Natalie Roman)</p>	<p>Improv! (6-9) This class will have campers playing improv and theatre games that will not only amuse, but also build performance and public speaking skills! Through these games campers will learn about voice, projection, self confidence in front of an audience, how to think and act on your toes and feeling comfortable making mistakes! (Taught by Natalie Roman)</p>
<p>Play-Well Legos: Pre-Engineering (K-1) Have your child become a Play-Well Engineer! Students will build cities, bridges, and motorized cars/planes and explore the many creative possibilities of engineering with the LEGO® system. With access to over 100,000 pieces of LEGO, your child will have the opportunity to build what they have only dreamed of with the support of an experienced Play-Well Engineering instructor to guide them. Curriculum will be different each week.</p>	<p>Play-Well Legos: Junkyard Challenge (2-6) Campers work collaboratively to design and build the fastest, strongest machines and structures possible to solve real world engineering challenges. In this camp, success comes from creative thinking and resourceful use of "The Junkyard" – home to more than 100,000 LEGO pieces! Students will build elevators, bulldozers, conveyor belts, and other motorized and alternatively powered contraptions to complete this challenging course. Curriculum will be different each week.</p>