Instructor: Sarah Watanabe
surprising ways chemistry gives rise to the protein matrices that make up Jell reactions happening just underneath and in turn brown after being cooked? In

The Chemistry of Cooking
Afternoon:

Instructor: Suzanne Halka
Adventures in Theater
Have a blast learning theater with improve games, exercises and classic theater warm-ups. Sharpen your minds making rapid-fire decisions. Kick those unique, fabulous imaginations into gear by trying your hand at playwriting. Work together to write and perform an original short play.
Instructor: Amy Graham

Do you love animals? Come in all sizes, shapes and colors. Do you like to figure out how things work? Do you enjoy building things? Do you like to make things?

Morning:

Daisy Maunupau
Creative Woodworking
Make cool things out of wood! Build toys, tool boxes or a small piece of furniture like a bench, a chest or a stool. You'll learn how to safely use power drills, hand saws, bench planes, the drill press, bandsaws, files & rasps and more! Creativity, craft skills, teamwork, safety and lots of fun are encouraged.
Instructor: Twiggy Chen

Afternoon:

Olive Maunupau
Exploring Clay
Using the basic techniques of hand building with ceramic clay, we’ll practice pinching, coiling and slab building cups, bowls and boxes with lids and handles, as well as exploring sculptural techniques. The animals and sea creatures that live in the museum and the plants, rocks and trees outdoors will be our models and inspiration. Let’s let our imaginations guide our hands as we create sculptural and functional objects of beauty.
Instructor: Sonja Hinrichsen

Session 1: June 13–June 24 (2 weeks), cost $720 (no class 6/20)

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Morning:

Critter Crafts
Do you love animals? Let’s make art inspired by animals! We’ll visit the animals that live in the Randall Museum and look closely at specimens from the museum’s taxidermy collection. Fur, feathers, scales, toes and tails—animals come in all sizes, shapes and colors. We’ll bring what we observe into art. Explore printing, stitching, sculpting and painting animal-inspired art.
Instructor: Amy Graham

Morning:

Adventures in Theater
Have a blast learning theater with improve games, exercises and classic theater warm-ups. Sharpen your minds making rapid-fire decisions. Kick those unique, fabulous imaginations into gear by trying your hand at playwriting. Work together to write and perform an original short play.
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Morning:

The Chemistry of Cooking
Why does a piece of bread turn a nice golden brown when you put it into the toaster? Why do egg whites firm up if you leave them out? In

Morning:

Tennis Clinic
Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, foot work exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level— and have tons of fun along the way.
Instructor: Daisy Maunupau

Morning:

3D Printed Robots: Design, Build, Drive
Build the epic robot only you can imagine! Using 3D design software TinkerCAD, you’ll develop your unique Robot design, and then 3D print your robot’s body parts using our 3D printers. You’ll learn about motors and circuitry and soldering as you build your robot and remote control from scratch. Get hands-on with the build out—soldering circuits & parts, drilling, gluing and whatever else it takes to build your robot. At the end of camp, students will keep their fantastic, one-of-a-kind robots.
Instructor: Joel Dream

Afternoon:

Creative Woodworking
Make cool things out of wood! Build toys, tool boxes or a small piece of furniture like a bench, a chest or a stool. You’ll learn how to safely use power drills, hand saws, bench planes, the drill press, bandsaws, files & rasps and more! Creativity, craft skills, teamwork, safety and lots of fun are encouraged.
Instructor: Twiggy Chen

Afternoon:

Inventing Robots
Do you enjoy building things? Do you like to figure out how things work? Design and build your own robot from scratch! We’ll use scrap parts, motors and common circuit components. You’ll learn about gears, motors, sensors, LEDs, how electricity works and much more. Creativity, invention, imaginative problem-solving and teamwork are emphasized.
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Instructor: Olivia Maunupau

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**Morning: All Hands On Art**

Anything goes in the Art Room! Use your creative license and get your hands busy in a world of materials. Wood, paper, cardboard, cloth, clay, sand and more—we'll build, mold, paint, splash, rip, smooch, smear, mix and make masterpieces—just for the fun of it! Be prepared to get messy, use your imagination and flex your creative side.

**Instructor:** Sarah Watanabe

**Session 2: June 27 - July 1 (1 week), cost $400**

**Afternoon: Creative Woodworking**

Use your imagination and discover the joys of hands-on drama! Play games, explore as an ensemble, build confidence and theater skills. Develop characters and environments as you work collaboratively to bring a beloved tale to life.

**Instructor:** Suzanne Halka

**Afternoon: Makey Makey Inventor Lab**

Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, footwork exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level—and have tons of fun along the way.

**Instructor:** Daisy Maunupau

**Morning: The Chemistry of Cooking**

Why does a piece of bread turn a nice golden brown when you put it into the toaster? Why do egg whites firm up after being cooked? Why do cut apples turn brown if you leave them out? In each of these common culinary treats and in every bite of food you’ve ever eaten, there are complex chemical reactions happening just underneath the surface. From the microorganisms that produce yogurt and sourdough, to the protein matrices that make up gelatin, we will examine the myriad and surprising ways chemistry gives rise to the everyday foods we eat.

**Instructor:** Jonathan Sit

**Afternoon: Creative Woodworking**

Make cool things out of wood! Build toys, tool boxes or a small piece of furniture like a bench, a chest or a stool. You’ll learn how to safely use power drills, handsaws, bench planes, the drill press, bandsaws, files & rasps and more! Creativity, craft skills, teamwork, safety and lots of fun are encouraged.

**Instructor:** Twiggie Chen

**Afternoon: Inventing Robots**

Do you enjoy building things? Do you like to figure out how things work? Design and build your own robot from scratch! We’ll use scrap parts, motors and common circuitry components. You’ll learn about gears, motors, sensors, LEDs, how electricity works and much more. Creativity, invention, imaginative problem-solving and teamwork are emphasized.

**Instructor:** Joel Dream

**Afternoon: Tennis Clinic**

Do you enjoy building things? Do you like to figure out how things work? Design and build your own robot from scratch! We’ll use scrap parts, motors and common circuitry components. You’ll learn about gears, motors, sensors, LEDs, how electricity works and much more. Creativity, invention, imaginative problem-solving and teamwork are emphasized.

**Instructor:** Joel Dream

**Afternoon: Makey Makey Inventor Lab**

Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, footwork exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level—and have tons of fun along the way.

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### Morning:
**Survival in the Wilderness!**
What would you do if you were dropped on an abandoned island and had to survive? What would you bring? Would you know how to build a shelter? Could you find your way around? How would you navigate the terrain? In this class, you will learn all that and more. From the basics of tying knots to using a compass to basic first aid techniques, we will learn essential outdoor skills and practice how to survive in the wilderness with just a few basic tools. **Instructor:** Jonathan Sit

### Afternoon:
**Build the foundational skills of an actor—confidence, collaboration, creativity, and focus—through group games and skill-building exercises. Dive into the fun, freedom, and creativity of the performing arts through community and playful interaction.** **Instructor:** Matt Morgera

### Morning:
**Act Your Heart Out**
Build the foundational skills of an actor—confidence, collaboration, creativity, and focus—through group games and skill-building exercises. Dive into the fun, freedom, and creativity of the performing arts through community and playful interaction. **Instructor:** Matt Morgera

### Afternoon:
**Inventions**
Discover how levers, cranks and pulleys work. Use simple household materials, hardware and sculptural materials to create working inventions and kinetic sculpture with your own creative twist. **Instructor:** Mark Brest Van Kempen

### Morning:
**Tennis Clinic**
Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, footwork exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level—and have tons of fun along the way. **Instructor:** Daisy Maunupau

### Afternoon:
**3D Printing Extravaganza**
Explore the awesome world of 3D printing and modeling! You’ll start right in designing and building your own simple three-dimensional objects in Tinkercad, a 3D modeling program. Then you’ll export your files to our MakerBot Replicator 3D printers, and learn how to finish & refine the printed objects. Your creative, design and digital skills will expand as you refine your designs through prototypes and revisions. **Instructor:** Joel Dream

### Morning:
**Exploring Clay**
Using the basic techniques of hand building with ceramic clay, we’ll practice pinching, coiling and slab building cups, bowls and boxes with lids and handles, as well as exploring sculptural techniques of building with ceramic clay. We’ll create sculptural and functional objects of beauty. **Instructor:** Sonja Hinrichsen

### Afternoon:
**Tennis Clinic**
Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, foot work exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level—and have tons of fun along the way. **Instructor:** Daisy Maunupau
**Session 4: July 25-August 5 (2 weeks), cost $800**

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**Morning:**
**Art Scavengers**
Do you love to play outside? Do you love to explore? Do you love to make things? Then this is the class for you! We’ll wander the hillside around us, gathering materials from nature. We’ll gather up found & recycled materials. And we’ll use all of these to craft awesome bird feeders, leaf monsters, dream catchers and more! Instructor: Dorothy Phillips

**Afternoon:**
**Survival in the Wilderness!**
What would you do if you were dropped on an abandoned island and had to survive? What would you bring? Would you know how to build a shelter? Could you find your way around? How would you navigate the terrain? In this class, you will learn all that and more. From the basics of tying knots to using a compass to basic first aid techniques, we will learn essential outdoor skills and practice how to survive in the wilderness with just a few basic tools. Instructor: Jonathan Sit

**Morning:**
**Inventions**
Discover how levers, cranks and pulleys work. Use simple household materials, hardware and sculptural materials to create working inventions and kinetic sculpture with your own creative twist. Instructor: Mark Brest Van Kempen

**Afternoon:**
**Eco Artists**
Want to make the world more beautiful while also saving the planet? Love to play outside? Then Eco Artists is the class for you! Let your inner artist & your inner scientist come together to create beautiful and functional objects from sunlight, plants, wind, rocks, recycled and found materials. Dream catchers? Bird feeders? Solar ovens? Wind chimes? Who knows what we’ll discover and make. Instructor: Dorothy Phillips

**Morning:**
**Tennis Clinic**
Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, footwork exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level—and have tons of fun along the way. Instructor: Daisy Maunupau

**Afternoon:**
**Inventing Robots**
Do you enjoy building things? Do you like to figure out how things work? Design and build your own robot from scratch! We’ll use scrap parts, motors and common circuitry components. You’ll learn about gears, motors, sensors, LEDs, how electricity works and much more. Creativity, invention, imaginative problem-solving and teamwork are emphasized. Instructor: Joel Dream

**Morning:**
**Clay Monsters**
Learn all the basic techniques of hand building in ceramics while making monsters. Monster faces! Monster hands! Monster figures! All monsters all the time! Instructor: Crystal Kamoroff

**Afternoon:**
**Tennis Clinic**
Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, footwork exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level—and have tons of fun along the way. Instructor: Daisy Maunupau

**Afternoon:**
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Want to play tennis this summer? Whatever your level—beginner or experienced player—you will enjoy this camp and improve your tennis skills. From solid foundation strokes, footwork exercises, and improved hand-eye coordination, to more advanced techniques and stroke consistency, we’ll help you push towards your very best and step up to the next level—and have tons of fun along the way. Instructor: Olive Maunupau
The Randall Museum collaborates with the Greater Farallones and Cordell Bank National Marine Sanctuaries to provide one week Marine Explorers Field Trip Day Camps. Campers visit local marine environments such as tide pools, the bay and even go kayaking! This year, we are offering 4 weeks of Marine Explorers Field Trip Day Camp.

Please note:
Drop off and pick up campers in San Francisco’s Presidio at the Visitor’s Center of the Greater Farallones Marine Sanctuary at 991 Marine Drive, across the way from the House of Air at Crissy Field. We will travel in vans to nearby sites along the coast. There is no extended care available for this camp.

**Dates:**
- Monday, July 11- Friday, July 15 (Code 32758)
  - or
- Monday, July 18- Friday, July 22 (Code 32759)
  - or
- Monday, July 25- Friday, July 29 (Code 32760)
  - or
- Monday, August 1- Friday, August 5 (Code 32761)

**Ages:** 8 – 12 years
**Times:** 9:00 AM – 4:00 PM
**Fees:** $550