

What's Happening This Session in the Art Lab?

Sessions 1 and 3	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	City Planning	Transportation	Electricity!		Earthquake proofing your neighborhood buildings.
AM 9:15-11:15	Lab rules and GGNRA welcome City Mapping Life Map and Printing Press, Begin to Bind your Journal	Walk to School Map Bridge Build Challenge • Story: "If the Earth were a few feet in diameter" by Joe Miller	• Electricity production line challenge (discussion renewable and non-renewable) • Build wind turbines, hydroelectric dams and solar panels where you can use renewable energy in your neighborhood. Cardboard Neighborhood #1.	F i e l d t r i p d a y	Living Building Challenge (LEED photos and tour). Learn how to stabilize buildings against movement and weight using simple triangle designs. Build homes, apartments, stores, and a school in your neighborhood. Find a Penny Competition Bedroom Map, Cardboard City Day #2.
	Seaside Sleuth Costume Making	Community Garden	Bird Watching		Planting and Gardening
PM 1:00-3:00	Art: Make Sleuth Hats/Caps, "Gear" Backyard Photo Scavenger Hunt *GARDEN	Art: community garden visit. Focus on local food. Edible flowers salad recycled paper recipe journal	Art: Bird Watching Marsh Adaptations Hike Marsh to go in a box with Habitat		Art: Terra cotta planter painting. Do a planting. Carbon dioxide *GARDEN Painting Terra Cotta Pots and Seed Labels Outdoor drawing-watercolor placemats Plant seedlings in terra cotta pots

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 2	Neighborhood	Trash in our environment	Take Action!		Game time! Fun Time!
AM 9:15-11:15	• Story: "A Day in the Salt Marsh" by Kevin Kurtz • Why are natural environments important in every city? • Learn about parks and roof top gardens/vertical city gardens • Plan your park area and add gardens to your roof tops. (Ex: Science Academy green roof). Marble Race?	• Learn about how trash in the environment affects natural habitats. • Learn the history of CFC trash timeline (Ohlone, Spanish, American Eras) • Discuss an Environmental Hero- plastic bottle boat! Ways to decrease our trash? • Add trash, compost, and recycling bins to your neighborhood • Story: "Water Dance" by Thomas Locker. Sail Boat Inventions and Race	• Discuss other "Do Good" actions an individual can take to make a better world... • Decide three individual actions that are important to you and choose where they will be played in your neighborhood. (Ex: You notice a lot of trash in your neighborhood and decide to make a clean up date with your friends, earn a point). Build Towns Day 1!	F i e l d t r i p d a y	Finish Building Watershed models and play against each other to earn "Eco-Points" with team challenges
	Garden	Printint Press	Animal Yoga		Journals and Magnets
PM 1:00-3:00	Art: Soil creatures, Garden Songs *GARDEN Outdoor painting- Create a place mat.	Art: Session 3 (Kayaking in the Bay) Sess 1: Printing Press Journal and Magnets	Art: Animal Yoga, Basket Weave Paper journals with botany stamps		Art: Session 1: PresidiGo Pasados Session 3: Printing Press Journal and Magnets
KEY	Architechies	Seaside Sleuths	Environmaniacs		

**All Programs are subject to change based on weather conditions and extenuating circumstances*

What's Happening This Session in the Ecology Lab?

Sessions 1 and 3		Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	What is a Sleuth?	What Bird am I?	What is a Habitat?			What else uses the Marsh as a Habitat?
AM 9:15-11:15	9:40-11:15 There's a mystery to be solved on Crissy Field! Are you up for the job! Learn what a Sleuth does and go on fun hike to do a plant investigation	A precious gem has gone missing in the Eco Lab and bird tracks have been found in the lab! Take a Magnificent Hike around the marsh to look for clues to the mystery bird.	What are the components of Habitat? Go birding around Crissy Field, play a fun bird feeding game, and decide if the Crissy Field area is a good habitat for its feathered inhabitants.		F i e l d t r i p d a y	What other animals besides birds call Crissy Field/Marsh home? Look for crabs in hide in the shadow of the rocks and discover the tiny critters that lurk in marsh mud!
	Walking the Watershed	Animal Architecture	Watt's Up?			Session 1-June18: Mud Crabbers / Session 3-July 16: Intern Instruction Lesson TBA
PM 1:00-3:00	What is a watershed? How is it similar to the tub in your bathroom? Why is it so important that we keep it clean and in good health. Find out with a fun community building activity and a hike up our local watershed!	Meet one of Nature's most prominent architects: Birds. Look at and investigate different bird nests and make one out of recycled materials to take home!	Watt's Up, Doc? Where does our energy come from and how is our consumption directly related to climate change? Find out as we trace our applications back to their energy source.			Session 1-June18: Look for exoskeletal creatures that hide in the rocks and through the microscope at the magnified bodies of the tiny critters that lurk in the marsh mud. Session 3-July 16: Intern developed lesson

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Week 2	What does a Plant need to Grow?	Who used to call Crissy Field Home?	Who protects the Park?			Who owns the National Parks?
AM 9:15-11:15	How can you touch a rainbow? Go to the garden! Use your five senses to make discoveries of what lives above and below the dirt. Afterward, relax and have fun with a fun garden party!	Who used to call Crissy Field Home? Perform an archaeological dig to discover the remnants of the parts and recreate the history of the Presidio	Who protects the Park? Who keeps it safe? Meet and greet the Park Police and their horses on duty! Do a beach/marsh trash cleanup to do your part in keeping the Golden Gate National Recreation Area and your environment a safe and clean place		F i e l d t r i p d a y	Who are the owners of this beautiful National Park and all the other ones around the United States? Interview staff to get clues and, literally, piece the puzzle together.
	Scientific Inquiry	Walking the Watershed	Mud Crabbers			Session 1-June25: Pasados del Presidio Session 3-July 16: Mud Crabbers
PM 1:00-3:00	Observe. Hypothesize. Test. And analyze. Learn the scientific method while getting those nagging questions you've had about Skittles, answered. Apply the new knowledge in an experiment with carbon dioxide!	What is a watershed? How is it similar to the tub in your bathroom? Why is it so important that we keep it clean and in good health. Find out with a fun community building activity and a hike up our local watershed!	Suit up in a pair of waders and explore the mouth of the marsh while searching for rock crabs. Then, look through the microscope for a close up look at the tiny critters that call the marsh water and mud their home!			Session 1-June25: Enjoy adobe brick making, pottery, tortilla making, and other crafts as you explore the life, ways, and music of Early California. Session 3-July 16: Look for exoskeletal creatures that hide in the rocks and through the microscope at the magnified bodies of the tiny critters that lurk in the marsh mud!
KEY	Architechies	Seaside Sleuths	Environmaniacs			

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What's Happening This Session in the Media Lab?

Sessions 1 and 3		Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	Are You Environmental?	Earth Explorations	Electric Connections			The Environmaniacs Go Postal
AM 9:15-11:15	Word of the Day: Environmentalism. Teambuilders and footprint calculator.	Word of the Day: Food Miles. Scavenge the earth for food-farms. Mix up a smoothy that is healthy for people and the planet. Earth friendly food tips	Word of the Day: Renewable. Follow electricity from the power plant to the plug. Watch a film about electricity production. Play Electricity. Get experimental with a wacky 16mm film project.	F i e l d t r i p d a y		Word of the Day: Carbon Dioxide. Fotographic marsh scavenger hunt for elements of the Carbon Cycle. Snail mail postcards home from camp.
	Pollution Solutions	Bird Nerds	Electric Eliminators			Cool Creature Creation
PM 1:00-3:00	Play desi's splash to learn about sources of pollution. Explore the marsh with a photo scavenger hunt.	Identify birds by their call. Hike to Thompsons Reach on a bird nerd safari. Make a beautiful bird music theme song.	Watt meter measurements. Electricity pipeline activity. Electricity mega-watt challenge!			Sculpt an original marsh macro-invertebrate. Scientifically catalouge the creatures and share them with the class.

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Week 2	Pass Gass	Earth Action Art Hour	Geo-Party			Welcome to the Future
AM 9:15-11:15	Word of the Day: Atmosphere. Solar heat vs. co2 tag game. Create computer animations of the green house gas effect. Or create a camp theme song.	Session 3: Kayak in the bay!!!! Session 1: Earth Action Art Hour . Word of the Day: Geenwashing. 2 truths and a lie. Co2 commercial. Use photoshop to create a personalized button and keychain with a unique environmental message.	Word of the Day: Sea Level Rise Listen to the relaxing music of the bay at the wave organ. Team up for the Geo-Party earth trivia showdown.	F i e l d t r i p d a y		Word of the Day: Future. Time travel to the year 2100.
	National Park Pandemonium	Yak about Yarrow	Food Miles Fanfare			Follow the footprints
PM 1:00-3:00	Follow the GPS to a geo-cache of historical information.	Get to know our resident herbal remedy. Draw and color yarrow using yarrow. Smell yarrow, Drink yarrow, think YARROW!	Get to know your planet with a global scavenger hunt. Find the farms where your food grows. Mix up a carbon-friendly fruity beverage.			Use a map and compass to find and follow animal tracks. Learn all about the great and gross lifestyles of furry and feathered friends.

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