

# DIY Club at the Sea Base

5875 Appian Way, Long Beach

**Boys & Girls** are Invited to Participate in all activities

Join us in the summer for some DIY fun!

Sign up for DIY Summer Club and/or DIY Classes and/or DIY All Day Create



## **DIY Classes Grades 4+ Each class is \$25.00 (Club members \$20)**

July and August Wednesdays, 4:30-6:30 PM.

A DIY Class precedes each club session and provides an extended experience for the club topic.

Class members who do not already belong to the club are invited to attend the club meeting on the class date.  
All Materials Included.

## **DIY Summer Club - \$40.00 for all summer DIY club meetings Grades 4+**

July and August Wednesdays, 6:30-7:30 PM. \$5. discount on each DIY Class for club members.

Learn about various topics from experts and community members.

Scouts who are working on merit badges are encouraged to ask our invited experts the questions needed for their merit badges

Attend informational and fun field trips (parent or guardian participation required for most field trips) Some tours cost admission fees (Aquarium).

## **DIY All Day Create . See schedule for ages and prices.**

Wear your swimsuit & bring your towel for optional afternoons on the Beach Monday and Tuesday  
Lifeguard on duty noon – 3:00 PM.

## **Schedule of Activities**

### **DIY Classes (4:30-6:30 PM Summer Wednesdays)**

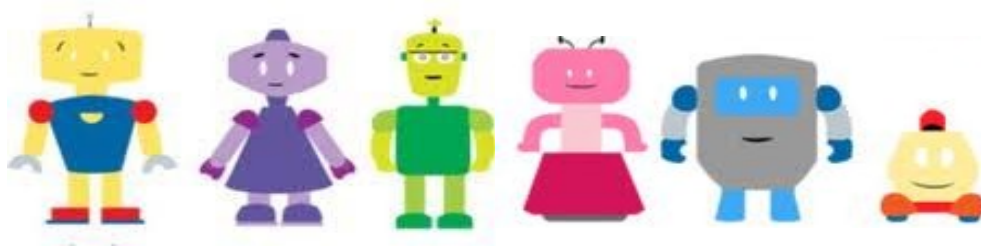
<b>Date</b>	<b>Activity</b>
07/03/13	Aviation. Extended time/projects with private pilot Max Kostanza.
07/10/13	Robotics Hands on. A Demonstration of robotics platforms.
07/17/13	Electronics. Trish Tsoiasue Timed circuit. Make a timed circuit with resistors, capacitors and a 555 timer. Circuits will be used in the following club activity.
07/24/13	Caprice Rothe and Trish Tsoiasue Bring your plain T-Shirt or purchase one at the class! Penguin T-Shirt with cutout stencils
07/31/13	Geocaching making and recording a cache with Sarah Martel
08/07/13	Karakuri Caprice Rothe and Trish Tsoiasue Explore the art of Japanese paper folding with gears to create moving toys.
08/14/13	LEGO Fun and Games. Extended LEGO Game play with Jackie Taylor
08/21/13	Campfire Cooking. Cook around the campfire then eat your dinner! With Blake Whitney.

**DIY Summer Club and tours Club meetings Wednesdays, 6:30-7:30 PM. Tour times vary.**

<b>Date</b>	<b>Activity</b>
07/03/13	Aviation Private pilot Max Kostanza will provide his view of being a professional pilot.
07/10/13	Robotics CSULB Professor Walter Martinez will provide some insight into robotics, types of robots and more.
07/13/13 Tour	Long Beach Airport Tour -Free to DIY club members. Booked for , 2:00 PM. 30 kids max, 1 adult per 6 kids. Parking validated.
07/17/13	Moving displays with Trish Tsoiasue. Club members will create moving displays using circuitry provided to them.
07/24/13	Penguins. Learn about types of penguins, habitat, what they eat.
7/27/13 Tour	Visit the Long Beach Aquarium for an up close look at Penguins.
07/31/13	Geocacheing with Sarah Martel. Find caches hidden around the Sea Base.just for you!
08/07/13	Karakuri movements with Caprice Rothe and Trish Tsoiasue. Assemble and decorate a bobbing paper sculpture.
08/10/13 Tour	Robotics Society Meeting Tour guests may compete in the monthly robotics challenge. 11:00 AM to 3:00 PM
08/14/13	LEGO Challenge. Create a brick response to a LEGO Challenge
08/16/13 Tour (FRI)	Visit Proplas Technologies (Plastics factory) to see how injection molding is done. Scott and Jackie Taylor.
08/17/13 Tour	OC Mini Maker Faire Join with other groups to support the Long Beach Adult Fans of LEGO. Help to run LEGO contests, bring your work to share and more. Volunteers will get free entry to the faire. The number of volunteers may be limited, so sign up early!
08/21/13	Campfire Desserts. Campfire Chef Blake Whitney will share his dessert recipes.

**DIY All Day Create (Last 2 weeks of Summer)**

8/19-8/22 Mon-Th 9:15 – noon.	Minecraft LEGO Style Grades 1-5 \$130. – Shared Science Constructors will explore the Earth from caves to oceans to cities. What does a Minecraft world look like in LEGO? This is a LEGO-Plus class, featuring LEGO as well as other fun construction activities.
8/26-8/29 Mon-Th 9:15 – noon	Mindstorms Robotics Summer Grades 4-8 \$115. – Shared Science Radical Robots Robo Enthusiasts learn programming basics with NXT Robots.
8/19 and 8/20 Mon/Tues 9-noon. PM beach or continue w/ projects.	Making Things w/Caprice, Sarah, Trish \$40 each day. Grades 4+ Mark making on fabric. Includes use of popular image editing software tools, stencil cutting with a 2D cutter, stamp making and fabric patterning. Bring T-Shirts and fabric to mark and a sewing machine if you want to sew it into something. (we will have two available).
8/26 and 8/27 Mon/Tues 9-noon. PM Beach or continue w/projects.	Making Things Move w/Caprice, Sarah, Trish. \$40 each day. Grades 4+ Learn about motors, gears and simple machines. Take home creations that use simple machines and motors. 8/26 Karakuri Learn the art of paper automata. Make and decorate your own Karakuri. 8/27 Start with a device that was used in the Jurassic Park movie posters. Create a movement display of your own. Bring a shoebox or two to work with!



Parent Name:	Phone:
Child's Name:	
Email address:	
Address:	
Please circle the session(s) you are registering for:	
DIY Summer Club \$40	
DIY Classes (\$25 per class date)	
7/3 Aviation,      7/10 Robotics,      7/17 Electronics,      7/24 Penguin stenciling,	
7/31 Geocaching,   8/7 Karakuri,      8/14 Extended LEGO Game Play,	
8/21 Campfire Cooking	
DIY All Day Create	
Minecraft LEGO style 8/19-8/23 \$130 (4 days)   Mindstorms Robotics 8/26-8/29 \$115 (4 days)	
Making Things 8/19, 8/20 \$40 per date      Making Things Move 8/26, 8/27 \$40 per date	

Photos of my child may be use for media & promotional purposes. (circle one) Yes No

Checks should be made payable to Long Beach BSA for A/C 1680134420 and mailed or hand delivered to: **401 E. 37<sup>th</sup> Street, Long Beach, CA 90807. If you are planning on sending a check on the first date, please notify Trish Tsoiasue 562-225-9589 or email [handmadepenguin@yahoo.com](mailto:handmadepenguin@yahoo.com).**

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 Distribution Authorized: *C. Tsoiasue* 8.10.11