

Teacher Biographies

Ms. Steinmetz was born/raised in Santa Monica, CA where she fell in love with the sciences and in particular with the ocean environment. She has a Bachelor of Science in Biological Sciences from the University of Southern California where she also played water polo. In addition, she holds a secondary education credential in Biological Sciences with a CLAD emphasis. She taught at John Adams Middle School from 2000-2007 and currently spends her winters in Mammoth Lakes, CA teaching children how to ski as well as tutoring students in math/science. The rest of the year she works for the Los Angeles County Fire Department as an ocean lifeguard, leads outdoor trips for National Outdoor Leadership School, and continues to offer tutoring services.

Mr. Avedian was born and raised in Glendale, CA. After graduating high school he attended the University of California Los Angeles and earned a bachelor degree in Philosophy. After finishing the undergraduate program he decided to obtain a Master's degree in Education and did so from the University of Southern California. He began teaching at John Adams Middle School in 1999 and started out as a 7th grade science teacher. After a year of teaching 7th grade he changed his teaching assignment to 8th grade for a few years. He left John Adams in 2003 to teach at the high school level. Upon realizing how he missed the JAMS community he returned in 2006 and is currently teaching 6th grade science.

General Information

- **Seminar Credits:**
Earn up to 2 seminar credits each week totaling 4. 6th graders need 4 to apply to the 7th grade magnet program. 7th graders need 6 to apply to the 8th grade magnet program. Why not take care of those requirements early?
- **Dates Offered:**
June 29-July 2, 2009 (Marine), July 7-10, 2009 (Physical), July 14-17, 2009 (Marine), July 21-24, 2009 (Physical), July 28-31, 2009 (Marine), August 4-7, 2009 (Physical)
** June 29-July 2 is Mon-Thurs due to the holiday. All other dates are Tues-Fri.
** **Location:** John Adams Middle School (Room 52)
- **Daily Schedule (9am-2:30pm):**
Morning Session: 9-11:30am
Lunch: 11:30am-12pm
Afternoon Session: 12-2:30pm
- **Enrollment Fee/Due Dates:**
Fee = \$225 (checks made payable to "Brigitte Steinmetz")
May 1st: \$50 non-refundable deposit (except if camp is cancelled due to low enrollment (< 10 students))
June 1st: \$175 payment
** Spots are given on a first come first serve basis (based on full payment!)
** **Min./Max. # Students = 10/25**

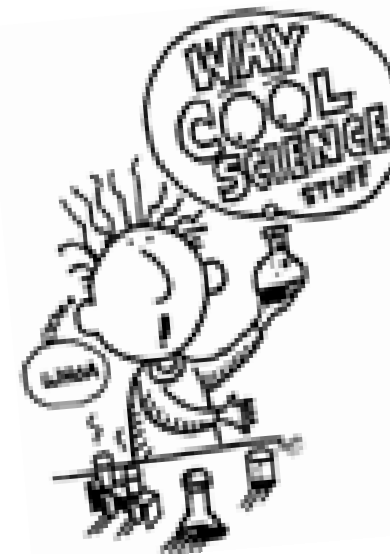


Contact Information:

Brigitte Steinmetz
(310) 452-2326 ext. 152
tutoring@waterkid.net
<http://waterkid.net>

Ray Avedian
(310) 452-2326 ext. 152
avedian@smmusd.org

Science is Cool!



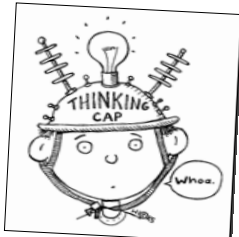
Marine & Electrical Explorations Science Enrichment Camp

"Exploring our backyard!"

Tel: (310) 452-2326 ext. 152

► Marine & Electrical Explorations Science Enrichment Camp

Mr. Avedian (current 6th grade JAMS science teacher) and Ms. Steinmetz (former 7th grade JAMS science teacher) have put together a unique opportunity for students grades 5-



Join us for some science fun and learn about your backyard!

8. Join us this summer for 4 days of marine science, 4 days of electricity/magnetism science, or 8 days of just pure science fun. Students that attend can earn up to 2 seminar credits each week for the following school year. Also, these camps will help fundraise money for the Santa Monica Science Magnet program. 25%-33% (dependent upon enrollment numbers and overhead costs) of the enrollment fee will be donated to the SMSM scholarship fund, which provides financial assistance to students in need so they can attend the great trips offered during the school year (Catalina Island Marine Science Institute, Yosemite Institute, and Astrocamp).

Examples of Activities

Marine Science Week:

- **Santa Monica Bay Game:** Pollute or not to pollute? That is the question. Make difficult decisions that society is faced with daily and see where they lead you. Will you pollute the bay, go bankrupt, or save money?
- **Fish Dissection:** Learn about the anatomy of a fish through a hands-on dissection lab.
- **Marine Mammal Fun:** Spend an entire day learning how marine mammals stay warm, find food, get entangled by human trash, dive for long periods of time, and more. Be prepared...students will be getting wet (faces/hands) during these hands-on activities.
- **Mapping the Ocean Floor:** Learn how scientists map the ocean floor and use that knowledge to make your own 3-D model of the ocean floor!
- **Crazy Plankton Race:** Get crazy and wacky by using your imagination to build the weirdest looking plankton model that is well adapted for its environment. Compete in a race for the bottom. The only catch? To win, your model must be the slowest sinker! Prizes for the slowest sinkers.

Electricity/Magnetism Week:

- **Build a Light Bulb:** Ever wonder what goes into making a light bulb or how much energy it takes to make it shine? Construct your own incandescent light bulb and discover how many batteries it takes to get it to shine brightly!
 - **Build a Motor:** Figure out what makes cars and other machines work on a much smaller scale. Students will work together to build a motor.
 - **Battery Dissection:** Ever look at a battery and think about what is inside it that makes it work? Discover what creates the juice that makes your MP3 player or cell phone tick. Students will have the opportunity to open up and check out the insides of a "green" battery (0% mercury, 0% cadmium).
 - **Build a Battery:** Now that you have discovered what is inside a battery use your knowledge to create your very own.
- ** These are just a few examples of what will be offered!**



Sign up NOW - there are a limited # of spaces available each week!

**Marine/Physical Science Enrichment Camp
Sign-Up Form**

Student Information (print clearly):

Student Last Name (please print): _____ Student First Name (please print): _____

Current Science Teacher or Elementary School: _____ Period (science only): ____

Home address: _____

Home phone: () _____ Work phone: () _____ Cell phone: () _____

E-Mail Address(es): _____

Parent name(s): _____

Week Preferred:

Please number the dates in order of preference for each camp (1 = 1st Choice, 3 = Last Choice). Please note that spots are given on a first come first serve basis (based on full payment). We will do our best to accommodate your first choice.

Marine Science Camp Dates (AM Session: 9-11:30am, Lunch: 11:30am-12pm, PM Session: 12-2:30pm):

____ June 29-July 2, 2009 (Mon-Thurs) ____ July 14-17, 2009 (Tues-Fri) ____ July 28-31, 2009 (Tues-Fri)

Physical Science Camp Dates (AM Session: 9-11:30am, Lunch: 11:30am-12pm, PM Session: 12-2:30pm)::

____ July 7-10, 2009 (Tues-Fri) ____ July 21-24, 2009 (Tues-Fri) ____ August 1-4, 2009 (Tues-Fri)

Payment:

\$50 Deposit due May 1, 2009. Balance (\$175) due no later than June 1, 2009.

Payment Totals (please circle all that apply to you):

\$225 Full Payment

\$50 Deposit (will pay \$175 balance by June 1st)

Check made payable to "Brigitte Steinmetz" (preferred) Cash

**** Please return this form/payment (IN ENVELOPE) on or before May 1, 2009 to:
John Adams Middle School (c/o Ray Avedian), 2425 16th Street, Santa Monica, CA 90405
Students will receive confirmation by June 19, 2009 via U.S. Mail!**

For office use only

Date Deposit Received: _____

Date Full Payment Received: _____

Form/Payment Processed (initial): _____

Request for Donation of Materials

Our goal is to be able to donate as much as possible to the Santa Monica Science Magnet scholarship fund. In order to do so we are asking for donations of the following supplies. Many of these materials can be found in your homes of which may be sitting in that notorious "junk drawer". Please drop off any materials to Mr. Avedian's classroom (John Adams Middle School; room 52). Thank you in advance for your support.

- Aluminum Foil
- Any type junk that can be used to build a wacky plankton model
- Cardboard (we need LOTS)
- Corks
- Duct Tape
- Empty Film Canisters
- Items to act as weight (marbles, washers, nuts, bolts, pennies, etc.)
- Masking Tape
- Nails
- Rags (for cleanup)
- Saran Wrap
- Straws
- Toothpicks
- Vegetable Oil
- Green Batteries (0% Mercury, 0% Cadmium)
- Work Gloves
- Wire Cutters
- Exacto Knives (preferably retractable)
- Modeling Clay
- Fish (please contact Ms. Steinmetz if you are interested in donating \$ for fish specimens or can provide fish specimens – we will have an estimate of how many we need by the end of June)