



Ocean Institute

3 PROGRAMS TO CHOOSE FROM



REGISTRATION Opens: February 5, 2016

REGISTRATION Closes: March 15, 2016 by 5:00 p.m.

► **NO late registrations or refunds will be processed after this date. NO EXCEPTIONS**

Special Guidelines: Space is limited, first serve basis. No use of memberships/ passes. Student and child guests must be within specific grade levels to attend. No small children.

Programs run simultaneously; if multiple students are registered for different programs, then a chaperon is required for each student..

- ◆ All Students must be accompanied by a registered adult through PayPal.
- ◆ **NOTE:** If you have multiple Homeschool students, each Homeschool student must be registered for all Field Trips using their own designated flex fund account. Any duplicate orders for the same field trip on one student's account will not be allowed.

Field Trip Photography Disclaimer: "Please be advised that photographs will be taken at this event for use on the SCS website, marketing materials, and all other SCS publications. If you do not want you or your child to be photographed please advise the Field Trip Coordinator.

Program Information



JUNIOR SCIENTIFIC LITERASEA: Grades 2nd, 3rd (2 hours)

Consulting the literature before conducting an investigation is a common practice among scientists. After exploring four very "kid friendly" scientific papers, students use microscopes to learn about organism lifecycles, and dissect a squid to study adaptations and anatomy. (CLASSROOM)



REVOLUTIONARY WAR: Grades 4th, 5th. (5 hours)

Participating as a new "greenhand" sailor transporting much needed supplies to General George Washington's army in 1777, students will appreciate the bravery and spirit of those who risked their lives, facing countless dangers as they pursued the American ideals of free trade. Working together, learning how to defend and maintain the ship, handle sails, navigate, provide provisions and medical care under the looming threat of British attack, students will reflect on the political, social, and economic ideas and interests that affected the colonists during the Revolutionary War. Students will experience the trials of a typical boy in a time when even mundane pursuits (like a career at sea) meant having to take bold and courageous steps for freedom and democracy. (DOES NOT LEAVE DOCK)



SEA FLOOR EXPLORER LAB/CRUISE: Grades 6th and above (4 hours)

Students study the dynamic effects of plate tectonics through the investigation of sea floor geology, sediment cores, microfossils, underwater seismology and more. Aboard the *R/V Sea Explorer*, students get a chance to take part in scientific sampling and exploration. Students will survey the sea floor using scientific equipment including a gravity corer, and side scan sonar. (THIS PROGRAM LEAVES THE DOCK FOR OPEN WATERS)

WHERE:

Ocean Institute
24200 Dana Point Harbor Drive
Dana Point, CA 92629

WHEN:

Tuesday, May 17, 2016

Program start time:

Junior Scientific LiteraSEA -

9:30 am

Revolutionary War -

9:30 am

Sea Floor Explorer Lab/Cruise -

9:30 am

~ finishing time will vary by

COST:

Three grade specific programs
in one day:

Junior Scientific LiteraSEA -
\$20.00 per person

Revolutionary War-
\$35.00 per person

Sea Floor Explorer Lab /Cruise-
\$40.00 per person

PARKING:

FREE

(Subject to Change)



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