

## Experience Monterey bay Sanctuary Field Trip Program Details

Program	Time	Group Size	Fee
<b>K-3<sup>rd</sup> Grade: Beach Exploration</b> From large birds and mammals, to small insects and algae, the beach is home to lots of different creatures. What makes this habitat special and how can people help keep it safe for the creatures that call it home. Students will participate in a beach scavenger hunt to explore this ecosystem then investigate what they found using their senses and science tools.	2.5 hours	65 max	< 35 =\$100 36-65 =\$175
<b>4<sup>th</sup>-6<sup>th</sup> Grade: Wharf Oceanography</b> Students will use real oceanographic tools to take an "assessment" of the current conditions of Monterey Bay on the Santa Cruz Wharf. Through investigation in the field, and in the Exploration Center classroom, students will understand what physical, biological and chemical parameters affect marine life and how scientists monitor them. By monitoring these conditions over time, scientists can determine the health of the bay and how changes over time could influence the animals we see.	3.0 hours	32 max	\$150
<b>5<sup>th</sup>-12<sup>th</sup> Grade: Marine Debris</b> Become a citizen scientist while helping to protect our ocean. Using scientific protocols, your group will collect debris, record detailed records and make observations. Sanctuary naturalists will lead your group in a discussion on the causes and effects of marine debris and compare your cleanup results with data previously collected.	2.5 hours	65 max	< 35 =\$100 36-65 =\$175
<b>5<sup>th</sup>-12<sup>th</sup> Grade: Balance in the Bay</b> Learn about local fisheries while participating in a challenge simulated fishing community. In this interactive activity, students will work together to make decisions while facing a range of natural and man-made challenges. Students will analyze their decisions and recognize the difficulty associated with maintaining a healthy "balance in the bay".	2.5 hours	65 max	< 35 =\$100 36-65 =\$175
<b>7<sup>th</sup>-12<sup>th</sup> Grade: Plankton Discovery</b> Explore the tiny drifters of the ocean: Plankton! Students will learn that plankton are the basis of the marine food web, are critical for producing oxygen on earth, and can be important indicators of ocean health. Monitoring these "tiny drifters" can give scientists important clues as to the condition of the ocean. Using scientific tools, students will take a plankton "tow" off the Santa Cruz wharf. Back in the Exploration Center classroom, we will investigate the sample under microscopes to see what species of plankton is currently in Monterey Bay.	3.0 hours	32 max	\$150

### Make a Reservation:

Reservations are required for all field trips and must be made at least 30 days in advance.

Group programs may be scheduled 9am-5pm Wednesday-Friday

We require a chaperone ratio of 1:6 for K-2<sup>nd</sup> grade and 1:10 for 3<sup>rd</sup>-12<sup>th</sup> grade.

\*Chaperones do not count towards participant maximums.

For questions or to make a reservation contact: [ExplorationCenter@noaa.gov](mailto:ExplorationCenter@noaa.gov) or (831)-421-9993



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<http://montereybay.noaa.gov/vc/sec/fieldtrip>