**ADVENTURE TOURS**

Students will experience first-hand some of the more exciting aspects of life on the high seas. Learning to row our Museum longboat gives students an appreciation for the power of both the sea and the sailors who rowed upon it. Wringing a black powder deck gun demonstration gives students insights into naval military history and a tour of the Museum's ships puts their newly learned skills into historical context. Stepping aboard the historic 1914 Pilot boat, participants will enjoy a 45-minute narrated trip around San Diego Bay. An overnight option allows participants to continue with the experience and sleep onboard a Museum vessel.

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**CALIFORNIA CHALLENGE**

This is the most intense of the education programs offered at the Maritime Museum of San Diego. The California Challenge can be up to a week long or groups can come down for a day. During the program, participants will be presented with challenges designed to test teamwork skills and self-discipline. Activities include: rowing in one of the Museum's longboats, a race through the harbor of the barque San Diego; and a climb up on the fore rig of the topsail schooner Californian. The culmination of the out-day program is a 3-hour sail on Californian. The multi-day California Challenge programs allow staff the opportunity to take students aboard the topsail schooner away from the dock and to sea for a week. This adventure includes time to sail to the Channel Islands and for participants to learn what it takes to sail as sailors from the 19th century.

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**OCEANOGRAPHY MERIT BADGE**

This program will allow Scouts to complete the Oceanography Merit Badge. A certified Merit Badge counselor will assist the Scout as they perform plankton tows and water analysis during a 3.5-hour boat ride on the historic 1914 Pilot boat. They will also be checking the trans Ferryboat Berkeley and visit the USS Daphne research submarine.

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**Living History Programs That Are Forever Memorable**

**EDUCATIONAL**

**COMMUNITY**

**LIBRARY**

**IMMERSIVE**

**HANSD-ON**

**ADVENTURE**

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For more information contact
Maritime Museum of San Diego
Education Department
Tel: 619-234-9153 ext.132
schoolprograms@sdmaritime.org
sdmaritime.org
Maritime Museum of San Diego has for more than 20 years delivered award-winning Living History programs for educators nationwide. Programs are designed as a hands-on exploration of history, literature, and group problem solving. Through role-playing and cooperative learning techniques, students are immersed intellectually, physically, and emotionally in shipboard activities and their surrounding historical periods. These include hoisting barrels and sails, riding a boatwright’s chair, singing sea chanteys, standing night watch, cooking and cleaning and dealing with the demanding, yet mostly fair Captain.

**Living History Programs**

**Voyage of Hope (1824)**

On the cusp of the Industrial Revolution, 19th-century Great Britain offered a Mecca for many. With the onset of technological advancements, many workers were nostalgic for the “old days” and eager to emigrate to find a better life. The program’s storyline follows the actual immigration voyage of the steamship (originally Europa), the world’s oldest active sailing ship. This program challenges young people during an 18-hour imaginary voyage from Great Britain to the West Coast of New Zealand. Students relive the days of 1870s emigrants who have signed aboard as sailors “before the mast” in exchange for passage.

**Gold Diggers (1851)**

The adventure begins in 1851 in San Diego Bay, California. Students have heard the news of the discovery of gold and decide to try their “luck” in the diggings of Northern California. Participants must negotiate with a ship’s agent, for passage to San Francisco. Once aboard, students prepare the vessel by moving cargo and setting sail. They may, however, be surprised by the precarious voyage of this 1850s sailing ship. This program challenges young people to analyze and adopt the life they have come to know as sailors, or to jump ship to face the uncertainty of the gold fields.

**Prelude to the Revolutionary War (1774)**

Set sail on the eve of the American Revolution. Students relive the turbulent year of 1774 experiencing the struggles of merchant mariners sailing the treacherous trade routes between New England and the Caribbean. Embarking on a voyage of the imagination, they will role-play with maritime instructors, raising sails, loading cargo and piloting the vessel from stern to stern. Navigating their way through the political storms of the era, students will face the same frustrations that inspired American colonists to revolt. Ultimately, they will choose their own destiny and find out what role they play in the war for America’s freedom.

**MECHANICS OF SEAFARING**

Since humans first navigated the waters of the world on simple logs and rafts, we have adapted and improved ship technology. However, for all the advancements, there are certain fundamental realities to wind, waves, and weather on the high seas that remain unchanged. Exactly how humanity has met the challenges raised by these realities is on full display during this program. Students will learn through hands-on activities how sail position, mechanical advantage, hull shape, and many other aspects of maritime life have been used to move goods and people across the seas both in centuries past and in the modern world.

**Day Program**
- Length: 2 hours
- Grades: 4-6
- Time: By reservation only
- Group Size: 20-35

**STEM Programs**

**ECONOMY AND ECOLOGY**

Students will spend the day “diving deep” into the natural history of San Diego Bay as well as the local human impact on the land and sea. Blending lessons on marine biology and ecology with explanations of economics and responsible conservation, this program seeks to instill understanding of the natural forces of San Diego Bay and how humans have attempted to harness those forces for better or worse. The goal of the program is to give students an appreciation of their environment and inspire them to imagine ways of preserving its resources for the future.

**Day Program**
- Length: 3 hours
- Grades: 4-5
- Time: By reservation only
- Group Size: 20-40

**EXPLORER TOUR**

Travel through five centuries of maritime history, guided by a team of knowledgeable instructors and tour specialists. Students of all ages will set sail on both historic vessels and historically accurate replicas, including schooners, steam boats, and sailing ships as they learn about maritime history and individual stories of the ships themselves. Topics range from sailing technology to naval exploration to humanity’s connection to the sea. Students will experience not only a greater appreciation of each vessel’s history, but also the spirit of exploration and human innovation that they represent.

**Day Program**
- Length: 1.5 hours
- Grades: K-12
- Time: By reservation only
- Group Size: 10-100

**EDUCATION OR SCOUT SAIL**

All aboard for a day of raising sails, maritime homework, and the teamwork of a sailing crew onboard a historically accurate replica of a 19th century sailing ship. Students will spend several hours in San Diego Bay onboard one of the Museum’s replica sailing ships. During their voyage, they will directly experience many of the realities of physically sailing a ship that generations of sailors before them grappled with every day. Hoisting sails, understanding the physics of a ship moving through the water, and working together as a crew are just some of the lessons that the students will be taught during their adventure.

**Day Program**
- Length: 3 hours
- Grades: Minimum of 6 years old
- Time: By reservation only
- Group Size: 20-40

**Tours and Adventure**

**STEM Programs**

**LIVE HISTORY PROGRAMS**

**Mechanics of Seafaring**

Since humans first navigated the waters of the world on simple logs and rafts, we have adapted and improved ship technology. However, for all the advancements, there are certain fundamental realities to wind, waves, and weather on the high seas that remain unchanged. Exactly how humanity has met the challenges raised by these realities is on full display during this program. Students will learn through hands-on activities how sail position, mechanical advantage, hull shape, and many other aspects of maritime life have been used to move goods and people across the seas both in centuries past and in the modern world.

**Day Program**
- Length: 2 hours
- Grades: 4-6
- Time: By reservation only
- Group Size: 20-35