

# The STEAM Box

## Maine Maritime Museum

### STEM + Arts Family Workshops

Select Saturdays, 10:30 – 11:30 am

Led by a Museum Educator

Content is appropriate for ages

4 – 10 years & all are welcome!

Free, preregistration required



**October 28 | Animals of the Kennebec  
& Plant Pets**

**November 18 | Solar Art Magic**

**December 9 | A Sailor's Past Time:  
Scrimshaw & Knot Tying**

**January 20 | How Do Ships Float?!**

**February 10 | Bath's Sister City & Fish Prints**

**March 16 | Lobster Anatomy**

**April 13 | Sea Chests**

# The STEAM Box

Come join us for our STEAMbox program, where you will explore maritime topics through hands-on learning in STEM + the Arts. Create, build and problem solve to figure out how large ships are able to float, or how Bath's sister city would practice the Japanese art of fish printing.

## **October 28 | Animals of the Kennebec & Plant Pets**

The Kennebec River Estuary is home to some remarkable animals. Come acquaint yourself with these creatures such as the bald eagle, short-nosed sturgeon, harbor seal, and osprey. Then, let your creative juices flow as you create your own recycled planter inspired by an animal of the Kennebec to take home with you and to grow a new plant in.

## **November 18 | Solar Art!**

When sunlight interacts with us, it warms us. When it interacts with light sensitive paper and ultra-violet reactive beads, it creates magical art. Come explore the effects the sunlight has on these objects, while creating your own solar prints and UV jewelry.

## **December 9 | A Sailor's Pastime: Scrimshaw/Knot Tying**

Being a sailor involved living at sea for years at a time. While it was adventurous and exciting, there could also be times of stillness. Whalers might have gone months without seeing a whale or port. What would a sailor do with all of that downtime? Come learn about a sailor's life on the boats that sailed the world. Try your hand at carving scrimshaw or learning to tie knots.

## **January 20 | How do Ships Float?!**

Ever wonder how the 6 mast, 450ft Wyoming boat kept afloat while carrying 6,000 tons of coal? Join us as we learn about and experiment with concepts such as density, buoyancy and displacement. Then, test your knowledge as you create a boat and see how much weight it can carry and still float!

## **February 10 | Maine Fish and Gyotaku Prints**

Did you know that the city of Bath has a sister city in Japan? Come hear the story of adventure, shipwrecks and bravery that has connected Bath, ME to Tsugaru, Japan for over 100 years. Take part in the traditional fish printing artform of Gyotaku and learn how it was used as a record for fish caught.

## **March 16 | Lobster Anatomy- Build a Lobster!**

Join us as we explore the anatomy of Maine's favorite crustacean! Many humans find lobsters tasty but terrifying. Take part in an interactive activity that takes fear out of the equation dives deeper into lobster anatomy and their functions. Then, you will build your own lobster to take home!

## **April 13 | Mini Sea Chest**

Ships are cramped spaces and sailors had little room to store their personal things, usually no bigger than a suitcase. This hands-on learning workshop will sharpen your critical thinking and creative skills. Together, families will learn about what sailors took on their long journeys and how they personalized their chests to reflect their adventures. Then, families will work together to construct and decorate their own mini sea chests.