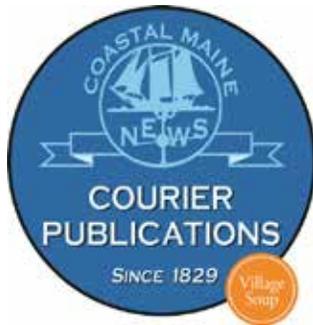




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**Midcoast Mini  
Maker Faire®**

**Camden  
Public  
Library**



**MAKE • CONNECT • DISCOVER**

**MAKE • CONNECT • DISCOVER**

**Saturday, September 10  
11 am to 3 pm**

**Camden Public Library**





## Makers 2016 continued

**SLIME** – The teachers at Sweet Tree Arts in Hope believe you are never too old to play. Mixing glue, paint, borax and friction -- and slime is born. Warning: getting messy is highly likely!

**VIRTUAL REALITY BUILDER** – Lisa Elichaa shows you how to make your own custom Virtual Reality Headset with the VR Builder kit. Open the box and let the building begin!

**YARN MAKING** – Lori Schafer of WalkingWoolStudio will take you through the fascinating steps of making your own natural yarn, from sheep fleece to finished fiber art. Tools, supplies, and finished works will be presented to observe up close, and for hands-on experiences.

## G.P.I Custom Picture Framing & Art Studio

Greg Pinto - Owner/Artist

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Greg's Artwork can also be seen at  
Michael Good Gallery 499 Main St. Rockland



## Makers 2016 continued

**SLINGSHOTS** – Charley Lind and his sons have been inspired by Joerg Sprave’s YouTube videos on “The Slingshot Channel” to make their own rubber powered arsenal of slingshots. They will display their creations built from wood, 3D-printed plastic, metal and Insta-Morph. Participants can shoot mini- marshmallows at an array of shooting gallery targets.

**STAR WARS ROBOTICS** – Nick Murray combined his love for Star Wars and his mechanical inclination when he joined a group of makers in 1999 who were working together to make an exact replica of R2-D2. Each part is custom fabricated using multiple techniques such as laser cutting, welding, hydro-forming, CNC machining, etc. Come meet R2-D2, based on the character in the original Star Wars series, and BB-8, from the new Star Wars: The Force Awakens.

**STOP MOTION ANIMATION** – Jesse Bifulco Jr. demonstrates how to make a stop motion animation video using a LEGO scene. The animation business is growing, and many people are interested in learning how to do it themselves.

**TATTED LACE** – Elaine O’Donal, of Tattedwebs demonstrates how to make tatted lace. Tatted lace is made up of knots, which is different from woven laces. Elaine shares her knowledge of a variety of methods: shuttle, needle tatting, bobbin lace, and tambour lace.

**TIN-TYPES** – Photographer Cole Caswell makes tintype portraits, a popular form of photography during the Civil War. The process involves wetplate collodion chemistry and forms an image on a sheet of blackened metal.



# WELCOME

## Camden Public Library’s **Midcoast Mini Maker Faire**

We hope that you have a great time with our Makers today. There are all sorts of fun things happening, **from hands on to high tech.**

We encourage you to explore the creative possibilities and have fun!

Thank you to our event sponsors --



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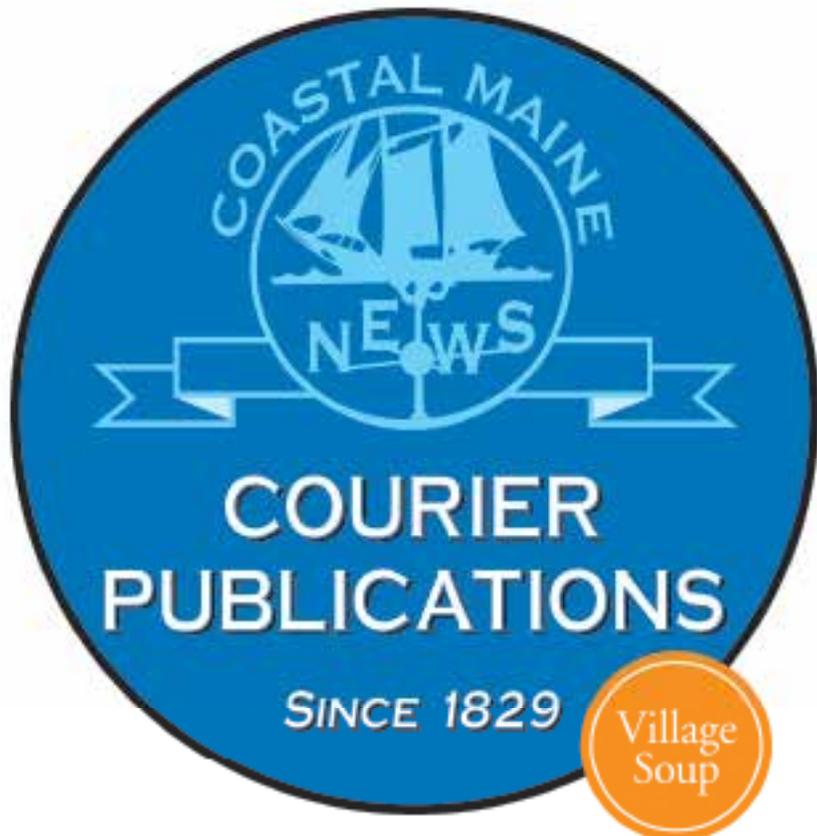
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A photograph of a residential roof being worked on. A worker in a red shirt and red hard hat is in the foreground, looking towards the roof. Another worker is visible on the roof. The background shows a house with white siding and a window. A red banner at the top contains the text "HORCH ROOFING IS PROUD TO BE A SPONSOR OF THE 2016 MIDCOAST MAKER FAIRE!". The Horch Roofing logo is overlaid on the image. A red banner at the bottom contains the text "OUR PROFESSIONALISM IS UNMATCHED • HORCHROOFING.COM • (207) 273-1111".

A photograph of a modern house at dusk. The house has white siding and a large window. The sky is a mix of purple and blue. The 2A architects logo is overlaid on the image. The text "Residential &amp; Commercial Architecture For Client and Community" is written in a serif font. Below that, the phone number "207.236.6545" and the website "www.2Aarch.com" are listed.



## Makers 2016 continued

**MAKEY MAKEY** – Our own Children’s librarians Miss Amy and Miss Katie will set up the library’s Makey Makey Discovery Kit to create a water piano that you can play. Come try it out. You won’t believe it, and you can borrow this kit and do it at home yourself!

**MANDALA STONES** – Elizabeth Lally makes mandala stones using stones collected from area beaches. Participants can create three-dimensional texture by applying layers of acrylic paint with tiny brushes. Mandala stones are beautiful and one of a kind. There is something about holding a stone in your hand that connects you with the Earth and all of its beauty.

**MARINE SENSORS** – Learn why sensors are important and how scientists use them to understand the environment. Lili Pugh, UMaine’s Darling Marine Center, will introduce you to programming a custom marine sensor, an important tool for today’s marine scientists. Play with code and wiring of Arduino sensors. UMaine Graduate Student, Nick DelPrete, will demonstrate his turbidity meter.

**MARITIME CRAFTS** -- The Penobscot Marine Museum invites you to create a maritime shadow box, add imaginative backgrounds to historic photo postcards, and learn to tie a maritime knot.

**MULITO BICYCLE TRAILER** – Joel Cooke shows you how to turn your bike into a workhorse. A Mulito, a single-wheel bicycle trailer, is powered with a tiny 35cc Honda motor. Come look at the prototype and think about building a Mulito to turn your bike into a stout load-carrying rig.



## The Makers 2016

**ARCADE STYLE CLAW** – Jeff Bragg has made an arcade-style “claw” and he invites you to play. Sketches and code will be available to take home to make your own at home.

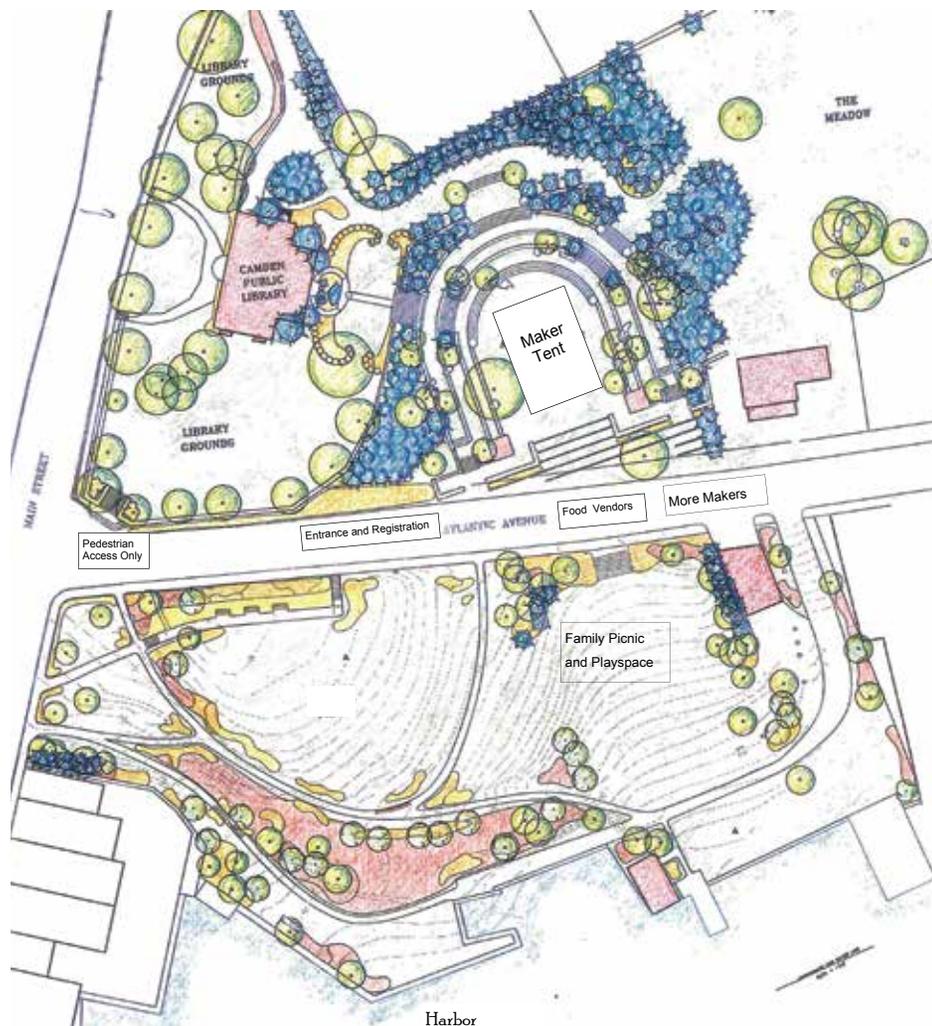
**ART LOFT** – The Art Loft instructors will demonstrate felting, jewelry making, and painting. The Art Loft is a non-profit community art center in Rockland. They aim to inspire everyone finished works will be presented for viewers to observe up close, and for select, hands-on experiences. Fiber supplies, finished fiber art and related photography will be available for purchase.

**CODING** -- Learn to code with students from the Lincoln Academy Innovation and Technology team. Different activities will be available for all ages and interests - coding is a part of design, art, engineering, fashion, technology and gaming. We hope that participants will see that coding is a language that anyone can learn!

**DIY DESIGN** – Samantha deGroff makes Efex moldings, flexible latex designs taken from hand-carved embellishments on 17th and 18th century furniture. Add these decorative designs to upcycle your furniture or almost any other object you are beautifying in your home. After application they can be painted, stained, gilded, or crackled.

**DRONE PHOTOGRAPHY** – Josh Gerritsen lets you get up close to drones for a hands-on experience as he shares a variety of useful applications and dispels misconceptions. There will be flying demonstrations every 30 minutes.

Midcoast Mini Maker Faire  
Layout of Amphitheatre and Park



Fueling your Maker Faire fun -

**Coffeeman is making fresh coffee to keep you energized and**

**Sugar Spell has delicious treats at their dessert cart for you!**

Thank you to our hard working 2016 committee:

<b>Amanda Austin</b>	<b>Nate Davis</b>	<b>Amy Hand</b>	<b>Penney Read</b>
<b>Chelsea Avirett</b>	<b>Kathleen Gass</b>	<b>Dave Jackson</b>	<b>Sandy Weisman</b>
<b>Maggi Blue</b>	<b>Kathy Goldner</b>	<b>Nikki Maounis</b>	<b>Hilary Woodard</b>
<b>Amber Cosby</b>	<b>Ken Gross</b>	<b>Elphie Owen</b>	<b>Olga Zimmerman</b>



**Makers 2016** continued

**FOUND OBJECT SCULPTURE** – The Farnsworth invites you to get inspired by artists like Rockland-born Louise Nevelson, whose work is in the Farnsworth Art Museum’s collection. Participants will have the option of creating their own piece or contributing to a group creation. Think about form and space as you create a three-dimensional, abstract sculpture. You’ll be surprised by what’s possible with only wood and hot glue!

**GIANT PINHOLE CAMERA** – The Penobscot Marine Museum invites you to walk inside Maine’s largest pinhole camera and experience how the first photographic images were made – as far back as 2,400 years in China – and also how today’s digital cameras still employ the same ideas. Belmont Boatworks has graciously delivered the museum’s camera from Searsport to Camden for the Maker Faire.

**GIANT TAPE SCULPTURE** - The Farnsworth invites you to contribute to a large piece of sculpture with simply plain masking tape. Through improvisation, the piece will grow and take shape through our collective efforts!

**MAKER VOX POP** – Robbie Trowbridge will be interviewing people and asking, “What makes you a Maker?” Robbie says, “I feel that we are all Makers in some way, even if we don’t build drones or hack talking Chewbacca masks.” He will edit the audio recordings using audio editing software to make a Vox Pop (voice of the people), which will tell the story of the many Makers at the Faire today.

**MAKEY MAKEY** – Our own Children’s librarians Miss Amy and