SEANET TOOLKITS

Bringing SEANET Research to Students
SEANET = Sustainable Ecological Aquaculture Network
SEANET Toolkits

Toolkits are created by UMaine Cooperative Extension & 4-H and ME EPSCoR with input from SEANET research faculty and students
First two kits completed

- Introduction to Ocean Sciences for grades K-2
- Sea Vegetables: The Science of Seaweeds for grades 3-5
Two more kits in development
• Innovations: Aquaculture Engineering for grades 6-8
• Diving into Data: Data Literacy for grades 9-12
Using the Toolkits

• Piloted in afterschool programs by STEM Ambassadors

• Hosting focus groups, workshops, and presenting at national conferences and meetings.

• Toolkits piloted with ME afterschool and summer programs
Summer of Science

- A summer program for 31 high school students accompanied by 6 preservice education college students
- Taught over 11,000 elementary students the Sea Vegetable toolkit curriculum
- Hosted lessons at federally subsidize drop-in food sites and YMCA summer camps in Southern Maine
Curriculum toolkits are being used to reinforce exhibit concepts

- New permanent aquaculture exhibit at the Maine Discovery Museum
- Opens Feb. 3, 2017
- Visitors can experience swimming in salmon pens using virtual reality
- Children can harvest oysters and mussels and weigh them
- Guests can play in the Kelp Café
- Toolkit curriculum used to create sea vegetable exhibit content
Students have been involved throughout the process.
For more information:

• Contact Laurie Bragg, ME EPSCoR at laurie.bragg@maine.edu for SEANET Information

• Contact Sarah Sparks, UMaine Cooperative Extension at (207)353-5550

• To receive copies of the curriculum: https://umaine.edu/epsccor/teacher-resources/