



 **Hurricane Island**
 Center for Science and Leadership

Hands-on Aquaculture Education with the North Haven Community School



SEA Maine
SEAFOOD ECONOMIC ACCELERATOR



Curriculum Development

**Working with North Haven Community
School Students in School**

5 Day Program on Hurricane Island

11 lesson plans published



Educator Resources

Our experiential learning opportunities dissolve the traditional boundaries between the classroom and the real world. We create immersive programs that empower students to take ownership of their own learning as they meet, and exceed, state and national standards through their work.

Kelp Lesson Plans



Water Quality Lesson Plans



Other Lesson Plans



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Kelp Lesson Plans

[Seaweed Identification and Pressing](#)

[Releasing Kelp Spores](#)

[Physiology of Kelp](#)

[Creating Box Plots with Kelp Data](#)

[Measuring and Analyzing Kelp Data](#)



Next Steps:
Full year of kelp related curriculum for
high schoolers

Program delivery in the North Haven Community School

WORK IN THE SCHOOLS

Coast Guard visit



Gulf of Maine coastal currents



Water sampling at the town dock



Field trip to North Haven Oyster Co



Sorting spat bags in Stonington





Lessons Learned and Next Steps:
Consistency is Key!

Trip to Hurricane Island

June 12th - June 16th



8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
Various Travel to Hurricane				Move in, get settled, tone setting	Perimeter Hike			Lunch & cleanup	Rec Time	AQ Timeline	AQ in Maine/Leasing Process	Species Intro	Water Quality	Farmers of Kelp	Dinner						
Breakfast & cleanup	Sunny trip to Rockland (Food Run)		Bus to DMC	Darling Marine Center Field Trip							Bus back to Rockland, get to ferry terminal		Ferry to Vinalhaven, Shuttle to Hurricane		Dinner & cleanup						
Breakfast	Morning Meeting/Tank Time	Plankton and Biotoxins (Lucy)		Farm Cleaning and Intro to Gear			Lunch & cleanup	Rec Time	Knot Boards		Intro to Biological Data Collection	Scallop v Mussel Dissection	Spat Bag	Dinner & cleanup							
Breakfast & cleanup	Morning Meeting/Tank Time	Setting up a Kelp Tank and Sporing Kelp		snack break	Marketing and Messaging around Aquaculture and Its Ecosystem Services			Lunch & cleanup	Maine Oyster Trail, history, and tips and tricks of tourism		Marine Debris Hike (Deb and Claire)		Guest Speaker (Annie Fagan)		Dinner & cleanup						
Breakfast & cleanup	Morning Meeting/Tank Time	Aquaculture Fabrication with Silas	Sustainability hike	Clean Up; Surveys		Lunch/Departure															



Farmers of Kelp

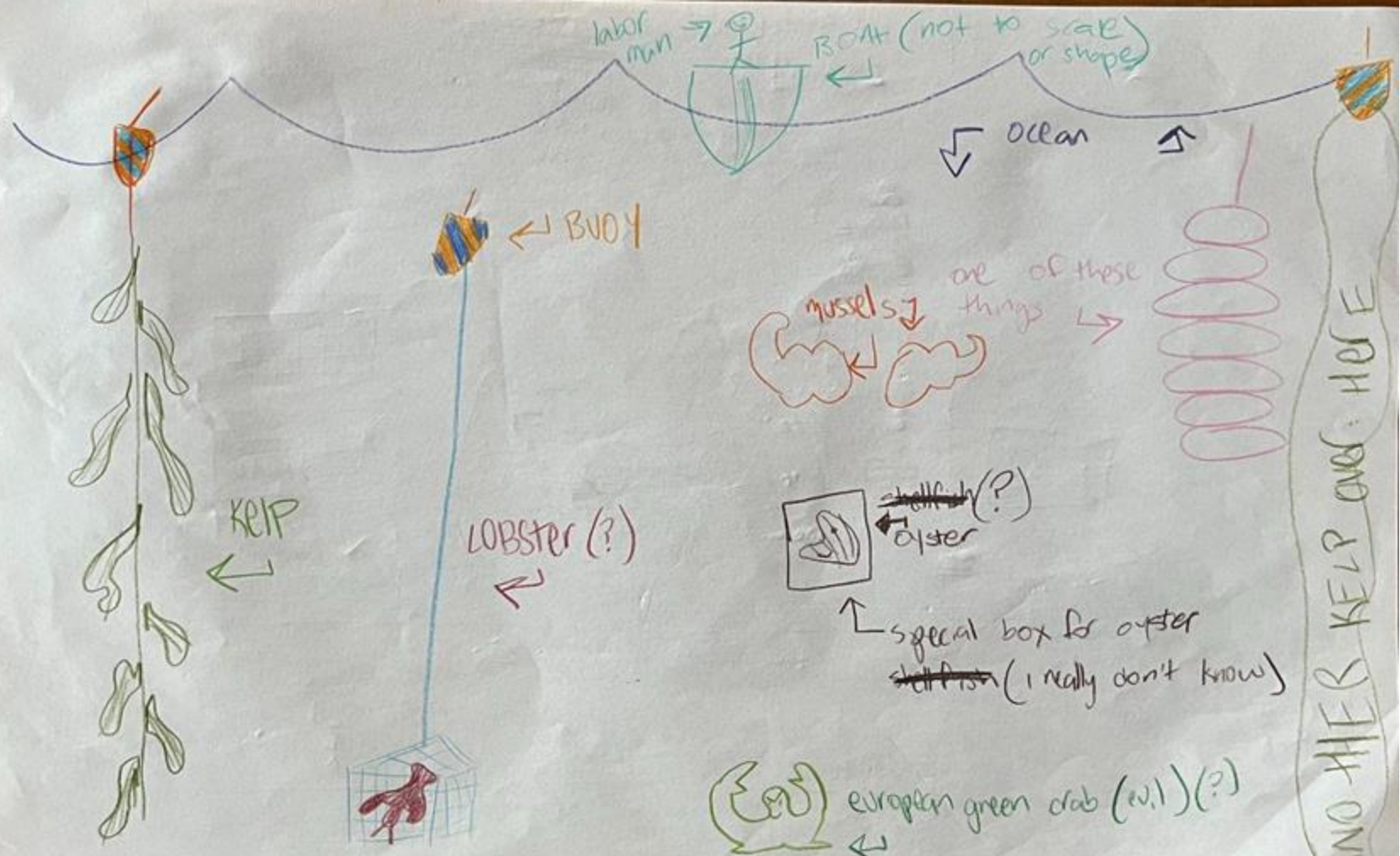




Biological Data Collection

Farm Time





labor man →

BOAT (not to scale or shape)

ocean

BUOY

LOBSTER (?)

KEIP

mussels

oysters

all of these things

special box for oyster shells (i really don't know)

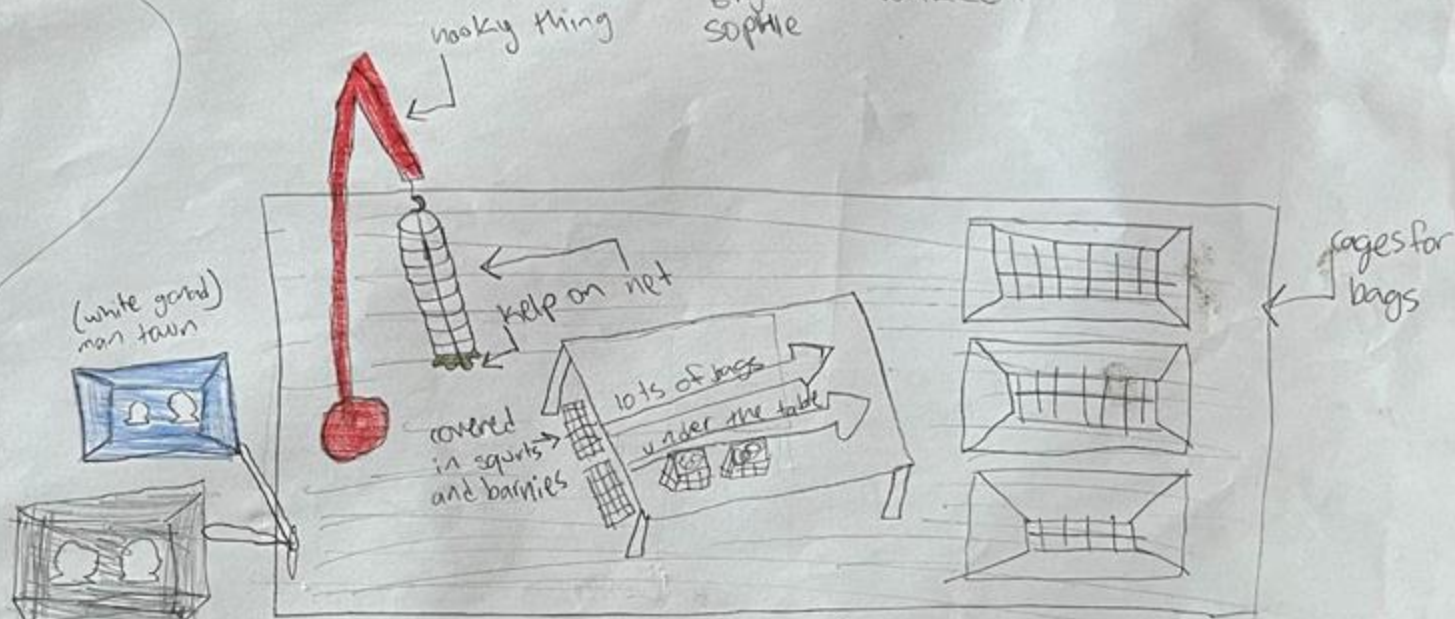
European green crab (evl) (?)

AND THE KEIP AND HERE

MAN TOWN AND GIRL CITY : let's GET GRIMY!

STARRING
MADISON
CHLOE
JARED
BRYN
SOPHIE
HAMMAH
LUCY K
LUCY W
WARREN

Big Rock



girl city
(pink gorals)

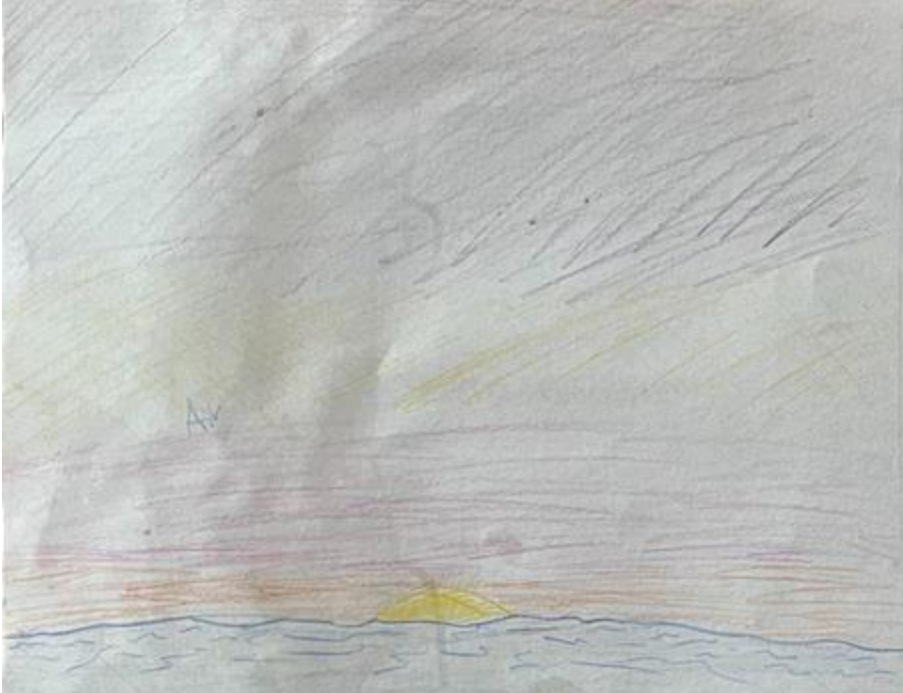
the floating farm ↗

water temp ~ 50°

f^o diving for missing nets

I know nothing about this

Jared
6-12-22

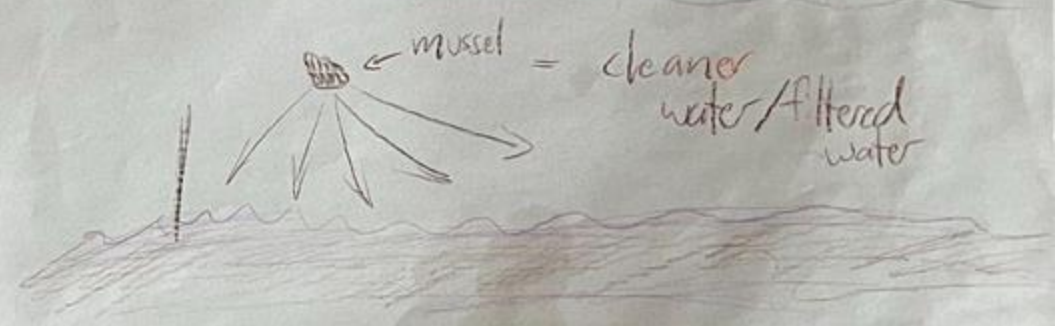


Water

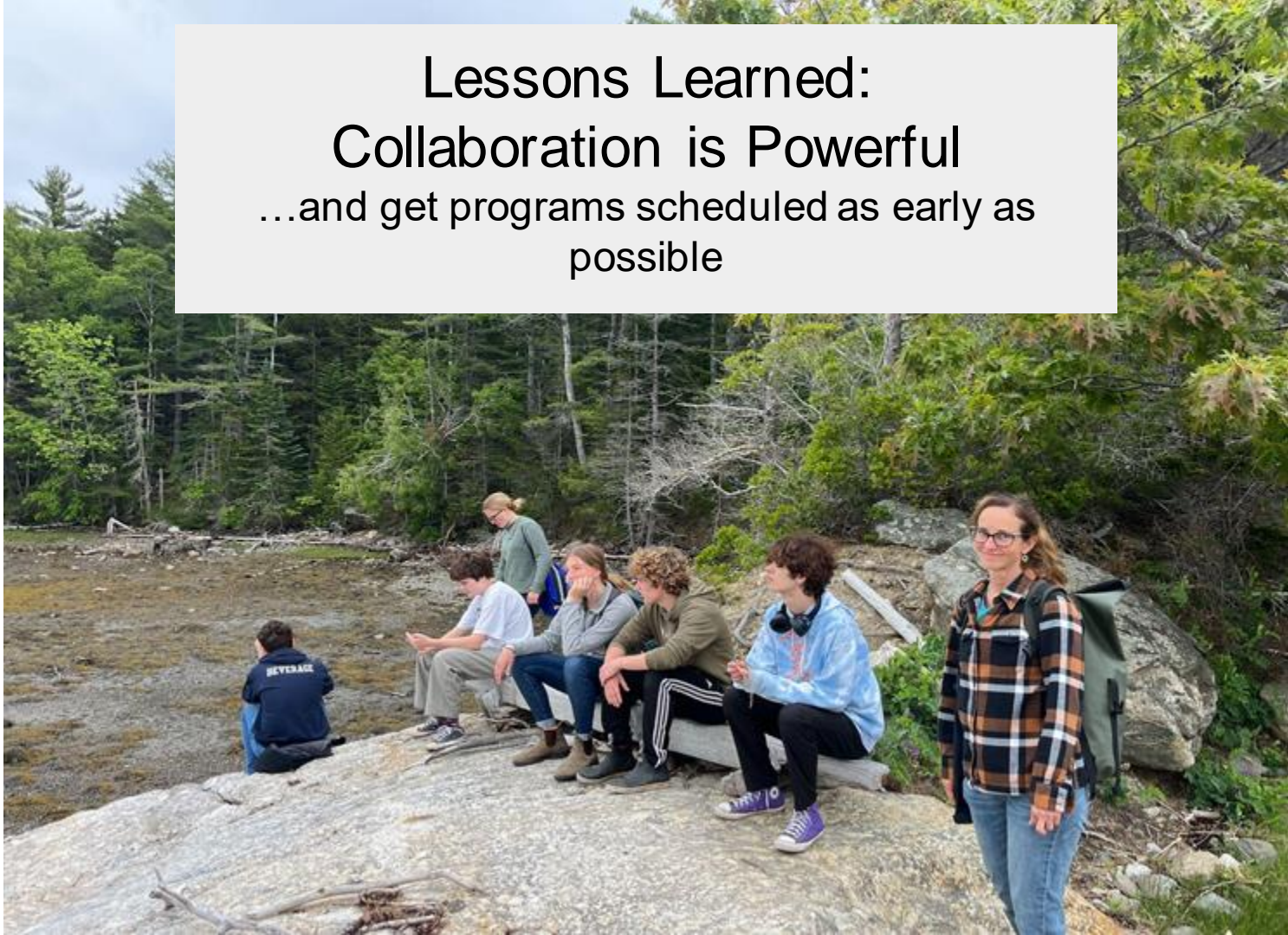
= Food (?)



David



Lessons Learned:
Collaboration is Powerful
...and get programs scheduled as early as
possible





Next Steps:
August Aquaculture Program in
collaboration with 4-H



Thank you for your support!