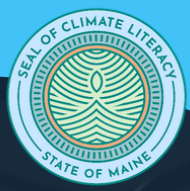


EXAMPLES OF PROJECTS

2025-2026 Pilot Program



Student Representative of the Bar Harbor Climate Task Force

- **Mission:** Improve Bar Harbor's carbon footprint and make the town more sustainable.
- Every month, the student would meet with other members of the task force to address different issues around the town
- They would collaborate with the Town Council and other towns to work on solutions

Evaluating the Trees: Examining the Effects of Prism Factor and Averages on Predicted Basal Area

- **Mission:** Find the most accurate way of predicting basal area so foresters can make accurate tree harvesting plans. This helps foresters stay within state regulations and keep the forests healthy.
- The student hand-measured over 1,000 trees to determine the actual basal area of an acre and calculated the predicted basal area using the prisms
- The student compared the average and individual basal areas measured by the prisms with the actual basal area to examine the differences in trends

Addressing the Impacts of Fast Fashion

- **Mission:** Bring awareness to fast fashion. Encourage others to build better clothing habits and choose more sustainable options when possible.
- Physical poster, which included topics of: work conditions, pollution, recycling, fast fashion companies, and what you can do to make a change

Traditional Ecological Knowledge and Fisheries

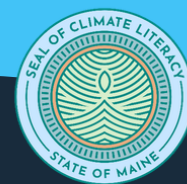
- **Mission:** Examined how Indigenous and local ecological knowledge can inform sustainable fisheries management and strengthen community resilience.

Green Crab Monitoring

- **Mission:** Monitor invasive European green crabs and investigate their impacts on coastal ecosystems and shellfish populations.
- Students partnered with Wolfe's Neck Center for Agriculture & the Environment to monitor green crabs

EXAMPLES OF PROJECTS

Sample Projects



Create a Guidebook

- Research and document all of the local flora and fauna around your school
- Create a guidebook with images and information about the flora and fauna
- Publish the book and work with your school's library department to display for students to check-out and use!

Sustainability Plan

- Research a sustainability plan for your school
- Work with your School Administrative Unit to find ways your school can be more sustainable
- Partner with the DOE's Green Schools Climate Network to brainstorm possible solutions

Join a Working Group

- Join the Nature Based Education Consortium (NBEC) working group called Stories for Change
- Attend their meetings
- Write a piece about gender, sexuality, and the outdoors
- Create art for a zine about environmental justice in Maine

Clam Research

- Partner with the Downeast Institute
- Deploy and monitor clam recruitment boxes to better understand juvenile clam survival and support shellfish restoration efforts
- Create an infographic about your research for middle school students

Update Climate Justice Crash Course

- Work with Maine Climate Action Now (MCAN) to update their Climate Justice Crash Course
- Research current climate issues, like data centers and ICE
- Turn your research into a digestible crash course for the public