

Quarterly Report: Spring 2021
Expanded Learning Opportunities Program @ the iLab
Susan Johnson, Traip Academy

Changemakers Class

Students have learned to use the design thinking process to examine social and environmental issues in our community. Students became passionate about solitary bees, solar energy, and bicycle powered generators to pump water. One student is designing a bee hotel to pollinate the Traip garden. The others decided to combine their projects in order to design a solar and bicycle powered charging station in the iLab. A donated solar panel has been installed on the side of the iLab which will generate electricity for the charging station and when its cloudy outside, students can ride one of the bikes and generate their own electricity! We can't wait to finish the design and installation! This has been a team effort between Ms. Johnson, Mr. Provencher and Traip Academy students.

Living in Beta Pilot Program

In partnership with One Stone Studios in Boise, ID, Ms. Johnson has been working with students to pilot a wayfinding program designed to empower high school students to explore their passions and discover their purpose. Through scaffolded activities students have reflected on their interests and are now exploring potential internships that align. It's been a great experience.

Breaking News! **The iLab@Traip Academy is partnering with Wood Island Life Saving Station and Lowell's Boat Shop** to build two 19 foot dories! Due to COVID restrictions, we have had to pivot and bring aspects of the boat building process to Traip Academy. A generous grant from the Traip Trustees will allow us to buy equipment and materials so students can do some initial design and lofting of the dories, craft the oars, 3D print the oarlocks and cleats. Graham McKay, master boat builder from Lowell's Boat Shop in Amesbury, MA will come to the iLab to work with students to do the boat building. In addition, Ms. Johnson is going to partner with Dr. Dufort and Wood Island Life Saving Station Association founder Sam Reid and other Kittery community members so students can explore the history of the WILSS.

Online Learning

15 students are completing online course work through the Virtual High School

Early College Opportunities

7 students are completing online course work through the Maine Community College and University of Maine systems. Juniors and Seniors have been notified that they are eligible to take one FREE class this summer so they can start earning college credit while at Traip!

Internships/Independent Studies

Due to COVID -19 no students have been placed in internships this quarter. I am hopeful for Q4! One student, who is already a skilled seamstress, has met virtually with a clothing designer in order to develop her design and sewing skills. She is really an independent learner who loves her work!