

Afterschool Programs and Directed Labs WINTER 2022- 2023					
Name	Description	Fall, Winter, Spring, or All Year	Days	Location	Advisor
Aquarium Maintenance	The Program will involve increasing levels of training and participation student directed group of officers. Through maintaining the small aquariums across campus, the program is designed to train student's lifelong skills and expose students to various associated careers. The Directed Lab is designed to allow student's hands on time learning the skills required to successfully set up, maintain, and enjoy the art of working with hobby fish and Aquariums. The Directed Lab will support student, teacher, and school aquariums. ALL GRADES WELCOMED!	<u>Winter &amp; Spring</u>	Monday & Thursday ** We are starting after winter break**	Foot 718	Lauren Whitelaw & Alysa Mullen
Dive Club	Ready to experience life underwater? Learn how to scuba dive! Through our partnership with the nonprofit CT Scuba Academy we are able to provide our students with professional training to earn industry scuba certifications. The directed lab provides after school swimming instruction, dive training, and students explore dive sites throughout the Northeast and beyond!	<u>All year</u>	<a href="#">Dive Club Google Calendar</a>	<u>Thomas Dive Shop and Foot 761</u>	Nicole Bouve, Kim Patnaude
Environmental Justice Project	Want to learn more about the ocean and environment in new and exciting ways? Do you have an interest in learning through research or designing your own study? Are you competitive in your academics or want to be... Students will get a chance to explore the surrounding environments, hear from guest speakers, discuss potential yearlong opportunities, and practice various competition formats built around oceanic and environmental categories in preparation for the chance to compete on both the state and regional level in the spring.	All Year	Monday (as announced) and every Thursday	Foot 728	Chuck Mulligan, Nicole Bouve
FFA	Students will participate in a variety of leadership activities at a local, state and national level and provide support to Admissions, Recruitment, and other school community/public events.	All Year	Varies	Lib classroom and online	Pebbles Lacross
Fly Tying	This program will teach the basics of fly fishing for fresh and salt waters. We will learn the equipment and techniques for fly tying, casting and fishing for many local species. This will also be used to teach about many local organisms including insects, non-insect invertebrates, forage and predatory fishes. We will also explore career opportunities through fly fishing including equipment manufacture and sales, and guiding/casting instruction.	Winter	Tuesdays	Foot 715	George Baldwin
Programming / Robotics	Make stuff go, with no outside control! The purpose of this directed lab is to expose students to introductory programming through a process which builds from fundamental logic and planning to the final programming and execution of an independent set of tasks by a working autonomous robot. Students develop the necessary skills and facility with the programming language for successful completion of a project which satisfies the requirements of a set of tasks. Although students will work in groups of two or three, this lab will require independent work on the various aspects of the project. Students will use Scratch software and the LEGO Mindstorms curriculum to learn basic programming, as well as being exposed to various aspects of the construction process in the completion of their vehicle.	All Year	Wednesdays	Emerson 203	Dave Low
Sailing and Seamanship - FJ's	This is the Sound School Sailing Team. This program is for those students who would like to sail high performance dinghies (FJs) in a competitive environment. As this program requires a higher level of commitment, members are expected to attend all three days per week if at all possible with a requirement of two days. No experience is necessary. Those that commit to the team will learn boat handling, sail trim, racing rules and tactics. There will be a schedule of races against other schools and all members are expected to take part. Race days will involve time outside the regular extended day hours. There is also a two week summer program associated with developing skills for the team.	All year. Fall/Spring 3 days/week, Winter 1 day/week	Tuesday Wednesday , Thursday 2:45 - 5:00 (later on race days)	Thomas 425	John Buell, Joel Zackin
Underwater Technology / ROV	The purpose of this group is to expose students to the engineering process by involving them in the design, construction and testing of a Remotely-Operated Underwater Vehicle (ROV) for competition in the Ranger Class of the Marine Advanced Technology Education (MATE) Center's International ROV Competition. The goal is the completion of a working vehicle by the end of April for entry in the New England Regional ROV Competition, which is the qualifier for the World Championships in the summer. Meetings involve some instruction in basic ROV components and their function, team management, planning and organizational skills/strategies, task delegation and independent work on the various aspects of the project. This activity is open to all interested freshmen, sophomores and juniors.	All Year	Fridays	Emerson 203	Dave Low
Waterfront Maintenance	Help maintain our boats and waterfront facilities while learning valuable skills such as project planning and scheduling; workmanship, use of chop saws, electric drills and hand tools.	Winter	Winter	Foot 725	Phil Brencher
Sound School Red Cross Club	We are new at Sound - Focus on group is disaster preparedness, volunteering for blood drives and initiating other community projects like reach out to vets, the pillow project and researching opportunities to get more involved in international communities.	All Year	to be announced	Online and in Library	Nick -lead DD
Small Boat Maintenance and Boat Modelling	Students will have the chance to continue the seasonal restoration work on our Dories and Sharpies. Also, students will have a chance to construct boat models.	Winter	TBD	Thomas 434 Boat Shop	Jack Cardello
Collaboration Through Music	Students will be communicating and collaborating with both each other and Kenny to create arrangements of musical compositions.	Winter	Tuesdays and Thursdays	Thomas 506	Kenny Donovan
Sexuality and Gender Alliance (SAGA)	Our mission is to provide a safe, secure, and welcoming environment for everyone regardless of race, age, gender, sexuality, religion, or disability and to strengthen our community through education and student advocacy.	All Year	1st and 3rd Fridays of the month	Foot 761	Shane Emery/Pete Solomon

Model Congress	Model Congress is a simulation of the actual work the US Congress participates in where students are able to create, write, and debate their own bills, which have the potential to pass and become "laws." Conferences for Model Congress are held at Ivy League schools throughout the Eastern portion of the US. Students will have the opportunity to participate in a few of these conferences throughout the year.	All Year	TBD	Anderson 604	Shane Emery
Beekeeping Club	This program teaches about apiculture; the maintenance of honey bees and hives. Using the colonies that we have on campus, students will learn the following: how to prepare equipment for honey bee hives, evaluate and maintain the health of bees, harvest honey and bee wax, and prepare colonies to successfully survive the winters of New England.	All Year	TBD	Anderson 610	Kevin Daley
Community Service @ Desk	MAXIMUM of 5 students will volunteer for the dinner service on the first and third tuesday of each month. Tasks include: preparing dinner & snack bags, serving dinner, Sign ups are REQUIRED! Transportation is not provided	All Year	First and Third Tuesday	311 Temple Street	Pebbles Lacross
Rowing and Seamanship	Rowing and Seamanship / Winter Session The Rowing and Seamanship program challenges our participants to become better rowers, leaders and mariners. All rowers become familiar with the parts of the rowing equipment, both Concept 2 rowing machines and boats. Performance measures will be used to track the growth of each rower and their progression in skill development, students will keep their own record, include this information in their portfolio and may use it for completing their SAE Goals. Tuesday Wednesday , Thursday 2:45 - 4:15 Foote 756 Dee Dee Hamilton, Kenny Donovan, Neil Geist, Andy Hull gabriel.geist@new-haven.k12.ct.us andrew.hull@new-haven.k12.ct.us deirdre.hamilton@new-haven.k12.ct.us kenneth.donovanjr@new-haven.k12.ct.us	All year, on the water Fall and Spring, indoors as needed and during the winter months and a summer boat maintenance program.	Tuesday Wednesday , Thursday 2:45 - 4:15 during winter session	Foote 756	DD Hamilton, Kenny Donovan, Neil Geist, Andy Hull