



DC Sail incorporates the US Sailing Curriculum in our Youth Programs. The following areas illustrate the benefits of learning to sail, boating safety and also exploring our fragile waterway systems.

Our Youth Sailing Programs are rich environments for STEM learning. Every time a student steps into a boat, pulls the tiller, or trims a sail they are experiencing powerful lessons. The weather above, the water below, and everything on the boat in-between can provide daily, real-world science lessons. Connecting these hands-on, experiential learning experiences to educational objectives can open up a whole new world of learning and opportunity to both sailors and sailing programs.

Above the Boat Atmosphere	Wind, Weather Patterns and Systems, Air Flow, Cloud Structures, Celestial Navigation, Sail Design, Speed Calculations, GPS Navigation, Radio Communications, Apparent Wind vs. True Wind, Fluid Dynamics.	Earth Science, Environmental Science, Physics, Engineering, Technology, Geometry, Mathematics.
In the Boat	Simple Machines, Buoyancy, Sail Trim, Boat Design, Hull Shape, Materials, Navigation Chart Reading, Communication, Sailing Angles.	Physical Science, Chemistry, Engineering, Trigonometry, Technology.
Below the Boat	Tide, Current, Water Quality Testing, Life Cycles, Watersheds, Underwater Topography, Invasive Species, Marine Debris, Hydrodynamics, Underwater Exploration.	Chemistry, Life Science, Geology, Ocean Science, Environmental Science, Engineering, Technology

DC Sail is the community sailing program of the National Maritime Heritage Foundation.

Our mission is to promote and sustain affordable educational, recreational and competitive sailing programs for all ages in a fun and safe environment. DC Sail empowers its participants to develop self-respect and sportsmanship, foster teamwork, and cultivate sailing skills and an appreciation for maritime-related activities. In addition, DC Sail enhances the DC community by using sailing to bolster community spirit and volunteerism.

Our active programs, located in both Southeast and Southwest Washington, D.C., are re-connecting people of the metropolitan region to the water. Sailing opportunities are available for adults and youth aboard small boats as well as our 65-foot schooner, “American Spirit.” Proceeds from our programs and year-around fundraising initiatives go toward offering under-served youth the opportunity to learn to sail through our [Youth Scholarship Program](#).

DC Sail is the gateway to community sailing in Washington, DC!

DC Sail is a US Sailing Sanctioned Community Sailing Center, one of only 30 in the country out of hundreds of sailing centers nationwide. We are recognized with this high level of accreditation due to our excellent safety record, superior curriculum, and deep outreach to the community to provide unique sailing experiences to youth and adults. As the National Governing Body for the sport of sailing, US Sailing’s mission is to provide leadership for the sport of sailing in the United States. The organization works to achieve this mission through a wide range of programs and events. US Sailing sets the course enabling sailors to enjoy the sport for a lifetime.