



Marine Education & STEM Programs

ONE- AND TWO-WEEK PROGRAMS

NEW!

Fins, Whiskers and Claws: The Lives and Haunts of Marine Animals in Pleasant Bay

Students entering grades 4-10

Monday-Friday, Aug 7-11, 9am-4pm

All Day Adventure: Begin at the Chatham Marconi Maritime Center at 9am and End at Pleasant Bay Community Boating at 4pm

Cost: \$400 Limit 12 students

Join Center for Coastal Studies (CCS) scientists to explore the incredible diversity of marine wildlife and habitats within Pleasant Bay, the largest estuary on Cape Cod! Scientists will share their latest research findings, and increase students' awareness, understanding and appreciation of these dynamic ecosystems. The week-long program will involve both classroom and field time.



BY THE DAY

Muddy Creek Explorers

Ages 9-17 9am-12am, Fridays \$20

Explore in canoes, conduct water quality analyses, observe shellfish and plant life populations, and work with scientists to compare engineering designs for The Muddy Creek Restoration Project. Study the remarkable effects of bridge reconstruction on tidal flow, water quality, marine life and other characteristics of the beautiful Muddy Creek wetlands.



NEW!

Wild World of Wind, Waves and Water

Students entering grades 4-10

Monday-Friday, August 14 - 18, 9am - 4pm

All Day Adventure: Begin at the Chatham Marconi Maritime Center at 9am and End at Pleasant Bay Community Boating at 4pm

Cost: \$375 Limit 12 students

Explore the wild world of wind, water, and waves on land and sea during this incredible week, in classrooms, boats and the field. Your guides on this adventure are science teachers from the Chatham Marconi Maritime Center and Pleasant Bay Community Boating. Includes two fun afternoons sailing on Pleasant Bay and investigating the Chatham Marconi Center museum.

NEW!

The Art and Joy of Fly Fishing

Students entering grades 4-10

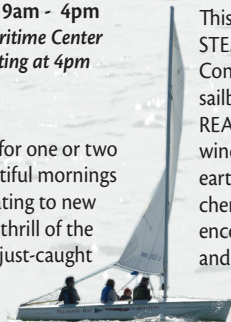
Monday-Friday, July 24 - 28 and July 31 - August 4, 9am - 4pm

All Day Adventure: Begin at the Chatham Marconi Maritime Center at 9am and End at Pleasant Bay Community Boating at 4pm

Cost: \$375 per week (\$750 for two weeks)

Limit 6 students per week

Learn all the skills you need to fish by fly rod for one or two wonderful weeks on Pleasant Bay. Enjoy beautiful mornings by the bay and afternoons sailing or motor boating to new locations. Learn to tie flies, the art of the cast, the thrill of the catch, and the excitement of the tug-a-war with the just-caught fish. Learn all about the Pleasant Bay ecosystem.



Muddy Creek Restoration Tour

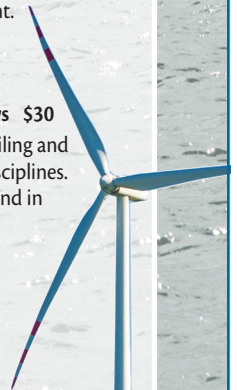
Ages 9-17 2pm-4pm, Fridays \$25

Explore the newly restored Muddy Creek by canoe or kayak. Led by experienced environmental scientists, participants will travel from Pleasant Bay into Muddy Creek to experience the effects of the multi-year bridge reconstruction and restoration project to restore tidal flow in Muddy Creek. Selected trips will have a bird specialist. CLASS MEETS AT JACKKNIFE COVE at the head of Pleasant Bay. Please arrive 15 minutes early. Tide-dependent.

STEM to Stern

Ages 9-17 9:30am-12pm, Tuesdays and Thursdays \$30

This class makes powerful connections between sailing and STEM (Science, Technology, Engineering, Math) disciplines. Conducted in the PBCB boathouse, on the beach and in sailboats, classes will be taught by U.S. Sailing REACH-trained instructors. The focus will be on wind and weather and water, learning lessons in earth science, physics, engineering, geometry, chemistry, ocean science and math. Students are encouraged to sign up for youth sailing Tuesday and Thursday afternoons.



For more information go to www.pbc cb.cc