

HAMPTON ROADS BOAT PROGRAM

Departs from selected locations in southeastern Virginia



The Chesapeake Bay Foundation's Hampton Roads Boat Program offers students a floating classroom to explore local waterways and deepen their knowledge of the Chesapeake Bay. Embarking from various tide-water locations aboard the *Jenny S.*, participants explore rivers and tributaries, sample aquatic life, and perform simple water-quality tests. They learn about the effects of human activities on the estuary, local ecosystem health, and system dynamics.

CBF's one-day, hands-on field curricula are tailored to suit group dynamics, available time, and weather conditions. Our activities are designed to correlate to the Virginia SOLs, to help teachers get the most out of our programs. Our goal is to actively engage students and promote higher order thinking skills for problem solving.

All of CBF's boat programs are equipped with state-of-the-art water quality monitoring equipment. This allows groups to generate data instantaneously, including pH, temperature, dissolved oxygen, salinity, and other indicators to build a complete picture of the health of the river. Participants can then compare their findings to the data of professional Bay scientists through an on-board wireless laptop.

PROGRAM CONCEPTS

Here are some concepts and grade-specific activities that may be emphasized during your CBF field experience. The staff of the Hampton Roads Education Program will work with you prior to your visit in order to ensure that your experiences complement your classroom curriculum.

- Estuarine food chain
- Fisheries management
- Oyster reef ecology
- Conservation behaviors
- Crab potting
- Sedimentation, eutrophication
- Livelihoods on the Bay
- Mapping skills
- Water-quality testing
- Oyster dredging
- Point source/non-point source pollution
- Salt marsh characteristics
- Watershed dynamics
- Trawling for fish

SAMPLE PROGRAM

For grades four and up. Maximum capacity is 30 participants (students and chaperones).

To apply for a field experience, visit our website at cbf.org/apply. For inquiries, contact the CBF Scheduling Department at 410/268-8816.

- Safety talk/introductions
- Underway activity
- Maps
- Water-quality testing
- Lunch
- Crab pots
- Oyster dredging
- Trawling and wrap up
- Return to dock



CHESAPEAKE BAY FOUNDATION
Saving a National Treasure