



INTRO TO INVERTEBRATES

Level: Grades 5 – 12

Cost Per Student: \$40 (no meals included)

9:00 AM	Arrival and Facility Orientation
9:30 AM – 10:30 AM	Lab: Water Quality
10:45 – 11:45	Lab: Invertebrate Diversity
11:45 – 12:30	BAG LUNCH FROM HOME
12:30 PM – 1:30 PM	Lab: Invertebrate Behavior
1:45 – 3:00 PM	Activity: Plankton Races

This trip is a one-day hands-on inquiry based program that does NOT include water based activities (i.e. students will not be on a boat or in the water). On arrival, students will be given a brief orientation of the facility before a water quality lesson. Students will understand the meaning of five water quality parameters, gain experience using tools to collect these measurements, and be able to make sense of the data. Students will also begin making connections between abiotic and biotic. Next, students will explore invertebrates utilizing live rock from the inshore waters and discuss the meaning of invertebrate diversity fluctuations.

After lunch, students will conduct their own experiments to learn more about invertebrate behavior. And finally, students will study the relationship of volume, mass and density in order to construct the slowest sinking plankton.

AVAILABILITY: November, December, January and February