

Objective 1 Systemic Sustainability

1.1 Curriculum & Instruction: Environmental Issue Instruction

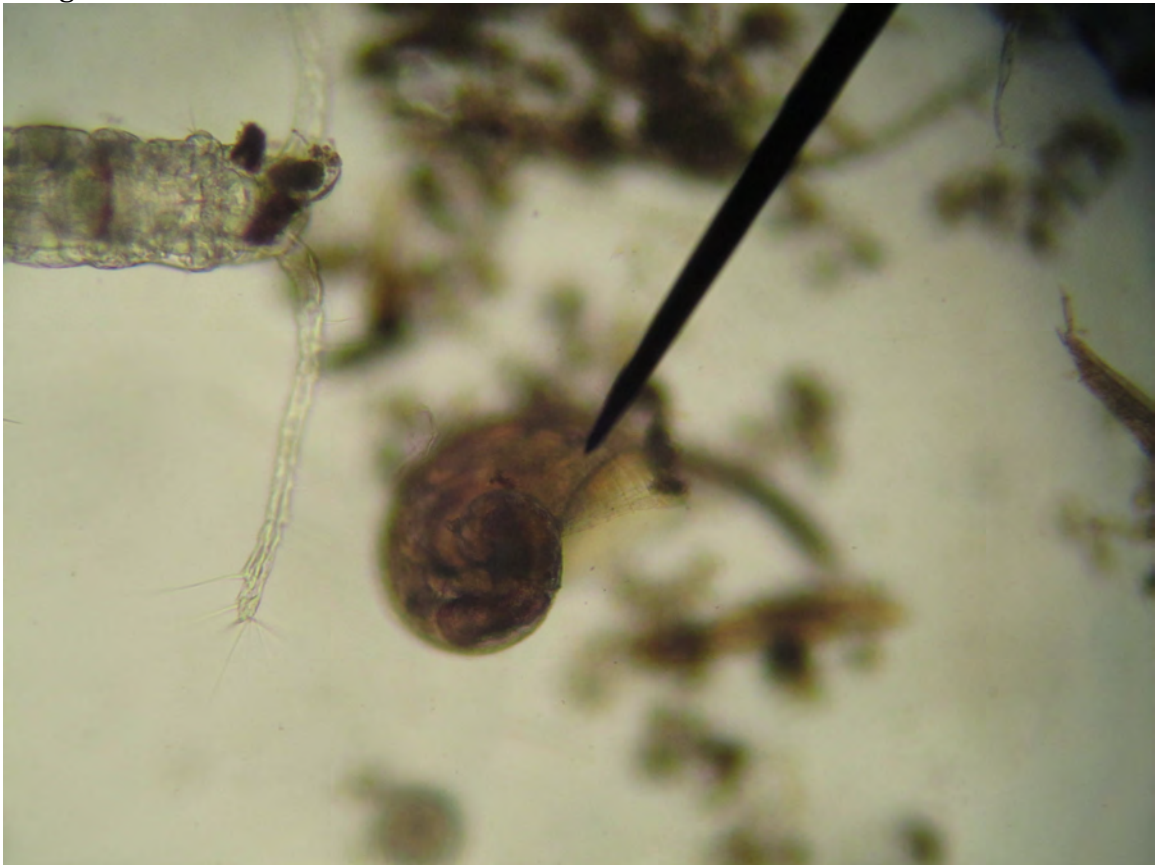
PLANS

Fall 2012 – present

Approximately 20 – 40 students each school year, grades 11 & 12

AP Environmental Science students participate each year in PLANS; a NOAA-funded collaboration between Calvert County Public Schools, Morgan State University, and The Society for Ocean Sciences

This inquiry-based learning program aims to build an understanding of the sources, impacts and possible control strategies for nutrient enrichment of the Chesapeake Bay and Patuxent River. The program has two components; an in-classroom microscope study of plankton types, and a field trip experience at the Morgan State Estuarine Research Center on the Patuxent River.



Plankton viewed through the microscope, October 2, 2012.



Students cull oysters and record water data while on the river, October 9, 2012.



Members of the AP Environmental Science class exploring the estuarine research center.