



*2009 MSDE Annual Convening
of Service-Learning Leaders*

Service-Learning Unit

Camp Oyster Gardening Project

Calvert County Public Schools

Primary Subject: Science

Grade Level: 5

Additional Subject Area Connections: Math,
Reading, Social Studies

Unit Title: Oyster Gardening Project, Calvert
County Public Schools

Type(s) of Service: Direct and Indirect

Unit Description: Students learn about the role of the oyster in the Chesapeake Bay and how the oyster populations have drastically decreased overtime. Students work on the monitoring and the maintenance of a local oyster gardening project during a field experience at a site on the Chesapeake Bay.

Potential Service-Learning Action

Experiences: Students perform direct action experiences when they are participating in the field program and monitoring and maintaining the oyster gardens.

Students perform indirect service learning action when they use the data and information gathered during the field experience to create promotional flyers about oyster gardening to recruit local citizens for participation in the program. A workshop is presented in the spring each year for the local community. Participants receive the training, the equipment and oyster spat needed to keep an oyster garden for one year. The oysters that are produced in the program are placed on reefs within the Chesapeake Bay and the Patuxent River.

Maryland Curriculum Standards Met

3.4.A.1.c

State reasons why certain animals could not survive in the Chesapeake Bay

3.4.F.1.a

Explain ways that individuals and groups of organisms interact with each other and their environment

Roles within food chains and webs: scavengers, decomposers, producers, and consumers

Competition for space, food, and water

3.5.A.1.d

Explain the idea that in any particular environment, some kinds of plants and animals survive well, some less well, and some cannot survive at all

6.4.A.2.a

Recognize and describe that consequences may occur when Earth's natural resources are used

6.5.A.i.a

Explain how human activity may have a positive consequence on the natural environment

6.5.A.2.c

Identify and describe that an environmental issue affects different individuals and groups

Calvert County Public Schools



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