

Outdoor Environmental Education Programs

Courses and Workshops

Spring 2017

Register for all courses on PDO.

Teachers of sixth grade residential Outdoor Environmental Education will have priority.

Outdoor Education Organizer Meeting; Course # 54153 Section # 105867

Thursday, January 5, 2017 4:00–5:30 p.m.

Participants: Local School Outdoor Education Organizers from every school attending the residential program in the first semester (September 2016–January 30, 2017)

Participants will review new policies and procedures, as well as be introduced to significant changes in core lessons for the 2016–2017 residential program. New local school organizers are encouraged to stay for 30 minutes after the general meeting for additional guidance and support.

Food Web (Predator/Prey); Course # 50893

Tuesday, March 7, 2017 4:00 – 7:00 p.m. Section #105868

OR Tuesday, April 4, 2017 4:00–7:00 p.m. Section #105869

Voluntary workshop for teachers who are interested in teaching the predator/prey simulation lesson that is used during the residential outdoor education experience for sixth grade students. The simulation supports the populations and diversity concepts in the sixth grade science curriculum and provides students with an engaging and thought-provoking glimpse into how food webs work and function. Teachers who complete this workshop will be able to conduct the simulation during their students' sixth grade residential experience. The workshop will focus on organizing the experience for maximum educational value and safety.

Stream Study or Pond Study Workshop; Course # 50894

Tuesday, March 7, 2017 4:00 – 7:00 p.m. Section # 105870

OR Tuesday, April 4, 2017 4:00–7:00 p.m. Section # 105871

Voluntary workshop for teachers who are interested in conducting a stream study with their students. This workshop will focus on techniques for conducting a macro invertebrate survey, chemical analysis, and stream buffer analysis of a local stream in order to determine the health of the local watershed. Food web and food chain concepts will be reinforced through identification of the organisms in a stream ecosystem. The environmental impact of various pollutants will be discussed.

Treasure Earth: Geocaching Workshop; Course # 84946, Section # 105872

Tuesday, March 7, 2017 4:00 – 7:00 p.m.

For teachers of 6th grade Outdoor Environmental Education who are interested in teaching geocaching during the residential outdoor education experience. Students will learn to use GPS units along with a map and compass to find hidden tasks to complete. Students can complete a set of specific STEM tasks or the tasks can be related to your content area.

Exploring the Watershed

Course # 50895, Section # 105874

Tuesday, April 4, 2017 4:00–7:00 p.m.

Voluntary workshop for teachers who will be teaching Exploring the Watershed. We will begin the class with a review of using a map and compass. Each outdoor education site has a course that marks special features of our local watershed or possible sites for settlement. Teachers who complete this workshop will be able to conduct a structured exploration of the watershed during their students' sixth grade residential experience. The workshop will focus on organizing the experience for maximum educational value and safety.

Confidence Course Re-Certification; Course # 50890, Section #105875

Tuesday, February 21, 2017 4:00–7:00 p.m.

In order to maintain the ability to use the confidence course for instruction, staff members need to complete a three-hour re-certification course every three years. Instructors certified in, or prior to, March 2014, are due for re-certification. This voluntary course is for MCPS Outdoor Environmental Education certification only. Available only to those who have taken EE-06 Confidence Course training.

EE–07 Using Environmental Issues as a Context for Learning;

February 23, 2017 – May 4, 2017

This 3-credit CPD course will give participants an in-depth look at the content and methodology of the MCPS Outdoor Environmental Education Program. Participants will receive opportunities to engage in investigations that emphasize content and process in outdoor environmental education related topics. Participants will build capacity by learning from experts in the fields of study typically covered in environmental education (e.g., a climatologist will present the latest research on climate change; a Department of Natural Resources manager will present on Wildlife Management issues). Participants will become familiar with using the environment as an integrated context for learning and the connections to the Common Core, Maryland Environmental Literacy Standards and MELP. This course has two all day Saturday sessions. Class Dates: 2/23, 3/2, 3/9, 3/16, 3/23, 3/25, 3/30, 4/6, 4/20, 4/27, 4/29, 5/4

EE-06 Confidence Course Instructor's Workshop

We will offer this course in June 2017.

Grade 6 Student Service Learning (SSL) Hours for this workshop, please contact your OEEP coordinator and/or check out the videos on our website:

<http://www.montgomeryschoolsmd.org/curriculum/outdoored/programs/residential-ssl.aspx>

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