GEMS Ocean Science Educator Workshop

Saturday, January 30, 2016 • 9 AM-3:30 PM
DIVING INTO NGSS THROUGH OCEAN SCIENCES

Join us for this timely professional development opportunity for teachers of grades 3-8, offered by GEMS and MARE educators from the Lawrence Hall of Science, University of California, Berkeley.

MORNING SESSION
Instructors will share activities focused on some core ideas of ocean sciences. They will model how students gain deep understanding via argumentation while constructing explanations from evidence, as called for in the Next Generation Science Standards, and the Common Core State Standards for English Language Arts. Implications for the science and language arts classroom will be addressed.

AFTERNOON SESSION
Participants will convene in grade-level breakouts (grades 3–5 and 6–8) to focus on specific NGSS-aligned ocean sciences concepts. They’ll spend time exploring what arguing from evidence looks like at different grade spans using activities from the GEMS® Ocean Sciences Sequences curriculum. Following this, participants will practice gathering evidence about animal adaptations and making hypotheses based on that evidence during a live invertebrate lab. Sample lessons will be provided.

Cost: $80 per person. Includes lunch, all day admission to the Seymour Marine Discovery Center, free admission on a return visit, and 10% off in the Ocean Discovery Shop.

CEUs: 0.5 Continuing Education Units from Dominican University are available for this workshop. The estimated additional cost for the CEU will be $30-$40 (due on the day of the workshop).

To register or for more information, call the Seymour Center at (831) 459-3800, or visit the Educator Opportunities page of our website (seymourcenter.ucsc.edu).

Registration deadline: January 15, 2016. Please note that a minimum of 25 participants is required for this workshop. If the minimum is not met, you will be notified and fully refunded.

*The GEMS® Ocean Sciences Sequences curriculum builds students’ understanding of Earth systems science and the practices of science as called for in the Next Generation Science Standards. These sequences provide educators with the tools to teach essential science concepts in the unique and important context of ocean science.