

Earth Science for Middle School Teachers

at Harris County Department of Education

Offered through a grant to the Education Foundation of Harris County from SHELL
Location: Harris County Department of Education, 6300 Irvington, Houston

Need a deeper understanding of the content and more hands-on activities for your students? Would you like to embed more inquiry into your teaching? Then these workshops are for you!



Cracking Up: Plate Tectonics and Volcanos

October 1-2, 2009, 9 am-3:30 pm

Discover the relationship between plate tectonics and earthquakes, volcanos, and mountains. Connect your understanding of the Earth's changing surface to the rock cycle. Addresses the new TEKS: 6.10 (B, C, D) and 8.9 (A, B).

Earth Inside and Out: Structure, Forces, and Metamorphism

October 16, 2009, 9 am-3:30 pm

Model the structure of the Earth and its role in the forces behind plate tectonics. Discover the variety of metamorphic rocks and how they form. Addresses the new TEKS 6.10 (A, B).

Sedimentary Processes

November 13, 2009, 9 am-3:30 pm

Model various types of erosion through hands-on activities, and compare the resulting features to satellite photos. Categorize sedimentary rocks. Use your deeper understanding to analyze the effects of sedimentary processes on the Texas coast through time. Addresses the new TEKS 6.10 (B), 7.8 (B), and 8.9 (C).



Astrobiology

December 4, 2009, 9 am-3:30 pm

What are the conditions for life, and where might we find life in our Solar System? Discover answers through hands-on activities. Addresses the new TEKS 7.9 (A).

Fee: \$20 per day, subsidized by a generous grant from Shell. Participants will receive lunch, extensive presentation materials, reference materials, and hands-on activities for the classroom.

Presenters: Christine Shupla and Andy Shaner, Lunar and Planetary Institute; Jackie Allen and Kay Tobola, Johnson Space Center's Astromaterials Research and Exploration Science

Register online: <http://wms.hcde-texas.org>

For registration assistance, please contact Liliana Maldonado (713) 696-1306.



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