

**Curriculum Research & Development Group**  
PROFESSIONAL DEVELOPMENT FOR TEACHERS

**Teaching Science As Inquiry:  
Matter, Energy and the Environment**

This professional development course provides participants an opportunity to investigate the flow of energy and the cycling of matter through the biosphere. To explore this topic experiments with photosynthesis, food analysis, composting, and interrelationships of plants and animals will be used to develop models of producers, consumers and decomposers. This course targets multiple grade seven HCPS III life science benchmarks.

The instructional materials are built around laboratory studies. The class is conducted as a community of working scientists with the instructor as the facilitator. Inquiry teaching strategies including questioning and modes of inquiry will be modeled and discussed.

**FREE to Hawai'i teachers. Course fees are covered by STEM grant funding.**

**Participants who successfully complete this course will receive a \$150 stipend.**

**TSI Matter, Energy and the Environment**

**Date:** July 7–9, 2008

**Times:** 8:30 a.m.–3:00 p.m.

**Location:** UH Mānoa, University Laboratory School, UHS 1, Room 112

**Cost:** FREE for Hawai'i Teachers! (Course fee paid by grant)

For more information or to register for this course, contact CRDG at [crdg@hawaii.edu](mailto:crdg@hawaii.edu)  
or 808-956-4969.

University of Hawai'i at Mānoa, College of Education



**Curriculum Research  
& Development Group**

*providing quality educational programs  
& services for preschool through grade 12*

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