

EGUSD / SMUD Professional Development Partnership

EGUSD's Department of Curriculum and Professional Learning is pleased to announce a partnership with SMUD's Professional Development Department.

SMUD workshops are free.

SMUD provides a light dinner at evening workshops and a continental breakfast and hot lunch at all day workshops.

SMUD often provides free materials for classroom activities.

Unless otherwise indicated, SMUD workshops are located at the SMUD office at 6301 S Street.

Visitor parking is located just past the Chevron station (adjacent to the freeway) across from the Customer Service Building.

The SMUD workshops below are now pre-approved (no Prior Approval form necessary) for A-H, 6 Unit List salary credit for EGUSD teachers by following the registration procedures below.

Steps for Registration and Salary Credit:

1. **PLEASE REGISTER WITH SMUD FIRST** by calling 732-6738. For information regarding the workshop, the SMUD contact is Suzette DelBono, Education Specialist, (916) 732-5175.
 2. Registration will close approximately two (2) days before the workshop date.
 3. Register with EGUSD by calling the electronic registrar system at 686-7561 and using the appropriate course number below.
 4. To earn EGUSD salary credit, participants must be on time for the workshop, sign the EGUSD sign-in form at the workshop, and stay for the entire workshop.
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For Grades 3-12

MYSTERY FESTIVAL

Course # 409901

Credit: 3 Hours, Salary Class A-H, 6 Unit List

Date: August 1, 2009

Time: 9:00 a.m. to 12:00 p.m.

Location: RAFT, 3136 Howard Street, McClellan Park

Fee: None

Learn how to host a family science night with a CSI theme. With the Mystery Festival, teachers will practice creating learning stations for students to understand the experimentation procedures, logical thinking, and real life connections to math and science which are necessary to explore careers in science, technology, engineering, and math (STEM).

For Grades 6-10

ENVIRONMENTAL DETECTIVES

Course # 410001

Credit: 3 Hours, Salary Class A-H, 6 Unit List

Date: August 8, 2009

Time: 9:00 a.m. to 12:00 p.m.

Location: RAFT, 3136 Howard Street, McClellan Park

Fee: None

Teachers will learn how to use a fictional environmental damage scenario to help students understand the interconnectedness of the natural world and the complexity of many environmental problems and energy demands. Using this unit will teach students to perform chemical and biological tests and track changes in predator-prey relationships.

For Grades 3-5

ALGEBRAIC REASONING

Course # 410101

Credit: 3 Hours, Salary Class A-H, 6 Unit List

Date: August 22, 2009

Time: 9:00 a.m. to 12:00 p.m.

Location: RAFT, 3136 Howard Street, McClellan Park

Fee: None

Teachers will experience Professor Arbegla's "Fabulous Function Machine" which will build a foundation for algebraic principles. Teachers will learn how to help students gain essential algebraic understanding, learn about equations, and apply what they have learned.

For Grades 5-10

DRY ICE INVESTIGATIONS

Course # 410201

Credit: 3 Hours, Salary Class A-H, 6 Unit List

Date: August 29, 2009

Time: 9:00 a.m. to 12:00 p.m.

Location: RAFT, 3136 Howard Street, McClellan Park

Fee: None

Teach the skill of inquiry as you cover the essential concepts of matter, gasses, energy, and chemistry. You will experience scientific investigation while learning about the theory of matter, phase change, and the nature of gasses.

For Grades 4-12

SOLAR SCHOOLHOUSE SOLAR PRIMER

Course # 408103

Credit: 6 Hours, Salary Class A-H

Date: September 12, 2009

Time: 8:30 a.m. to 3:30 p.m.

Location: SMUD, 6301 S Street, Sacramento, CA 95718

Fee: None

Tor Allen and Dr. Hal Aronson from the Rarus Institute will show you how to easily integrate solar energy into your existing curriculum in order to teach your students the value of using renewable energy sources. You will receive hands-on classroom activities correlated to the California content standards, a teacher guide, and solar science supplies as well as first-hand experience building a solar cooker and a solar powered whirligig for your classroom.

For Grades 3-12

MATH AROUND THE WORLD

Course # 410301

Credit: 3 Hours, Salary Class A-H

Date: September 30, 2009

Time: 4:00 to 7:00 p.m.

Location: SMUD, 6301 S Street, Sacramento, CA 95718

Fee: None

Presenter Daniel Orey, Ph.D., a math professor at CSUS and Fulbright scholar will offer insight on how to embrace the cultural diversity in Sacramento's classrooms. Teachers will learn about the various ways math is experienced around the world as well as how to engage diverse learners. Hands-on stations

displaying games from around the world along with maps will associate math, culture, and social studies. Daniel will also lead a "math safari" through the SMUD Customer Service Center building as teachers search for math in architecture and as it relates to energy efficiency.

For Grades 4-8

ELECTRIC CIRCUITS

Course # 410401

Credit: 6 Hours, Salary Class A-H

Date: October 3, 2009

Time: 8:30 a.m. to 3:30 p.m.

Location: SMUD, 6301 S Street, Sacramento, CA 95718

Fee: None

Electric Circuits is highly recommended for Grade 4 teachers as a student introduction to electricity and electric circuits. Davin Bowker of the San Juan Unified School District will lead participants through activities in which they will learn presentation strategies; explore, build, and compare simple closed, series, and parallel circuits; learn about short circuits; investigate the role of batteries, resistance, conductors, and insulators; create their own electrical inventions; and learn how to draw schematic diagrams.

For Grades 6-12

RENEWABLE ENERGY: WIND

Course # 410501

Credit: 3 Hours, Salary Class A-H

Date: October 14, 2009

Time: 4:00 to 7:00 p.m.

Location: SMUD, 6301 S Street, Sacramento, CA 95718

Fee: None

Presenter Tor Allen of the Rachus Institute will use wind as an introduction to renewable energy and how this topic can be easily integrated into a math and science curriculum. Teachers will experience the technology used by current wind technology involved in creating utility scale power. Teachers will make and take a wind Turbine kit from the KidWind Institute and also leave with curriculum to introduce wind energy in the classroom.