

## Stanislaus County Office of Education June 2008 Math and Science Newsletter

### Summer Math Institutes

The Stanislaus County Office of Education is hosting a series of summer math 40 hour institutes for **SB 472 professional development** reimbursement from the California Department of Education. These workshops are designed to be publisher specific and to be an in-depth look at the new math textbooks, their ancillary components, as well as the grade level or content specific standards. State funding is available to school districts for the cost of the 40 hour workshop (\$ 750). **Districts may also issue a \$ 500 stipend to be paid to the teacher upon completion of the institute and full reimbursement from the CDE.** Please check with your district Curriculum Director for authorization to attend prior to registering online. Teachers who attend may also apply the 40 hours of attendance toward the purchase of professional development credits for mathematics in-service through CSU Stanislaus and the California Math Project. After completion of mathematics in-service, participants are eligible to purchase units of professional development credit for only **\$ 65 dollars per unit at CSUS**. For information about any of the summer mathematics workshops contact our Project Coordinator, April Meyer, at [amever@stancoe.org](mailto:amever@stancoe.org) or by phone at 208-238-1321. You can also register online at our SCOE website at [www.stancoe.org](http://www.stancoe.org) Click on the “workshops” link and then click on the link for “**SB 472 Teacher Professional Development**”. Here is a partial list of the summer mathematics workshops now available:

#### **Holt California Mathematics 2007 for Course 1, Course 2, and Algebra 1**

- June 9 - 13, 2008      July 28 – August 1, 2008      August 11 – 15, 2008

#### **Houghton Mifflin California Math 2007 for grades K-6**

- June 23 – 27, 2008 for grades K-6      July 14 – 18, 2008 for grades 3-6 only
- July 21 – 25, 2008 for grades K-2 only

#### **MacMillan/McGraw-Hill Math 2007 for grades K-5**

- July 21 – 25, 2008

#### **Harcourt California HSP Math 2007 for grades K-5**

- August 11 – 15, 2008 for grades 3-5 only      August 18 – 22, 2008 for grades K-2 only
- December 1-5, 2008 for grades 3-5 only      December 8-12, 2008 for grades K-2 only

**Day 1** of the institute includes an extensive examination of the *textbook materials* and a review of the components of a *balanced math program*. (State Frameworks)

**Day 2** of the institute includes a thorough look at the *assessment* components from the publisher, an in-depth reading from the Math Frameworks on standards, and a review of the state and federal *accountability systems*.

**Day 3** of the institute includes examination of the *technology resources* made available from the publisher, an in-depth look at *instructional strategies* to assist struggling learners, a model lesson, and what error-analysis teaches us about student mis-understanding of the standards.

**Day 4** of the institute has a focus on *universal access, differentiation of instruction*, and time for planning instruction based on a model lesson.

**Day 5** of the institute is additional time for *lesson planning*, presentations of model math lessons, and in-depth looks at *ancillary program materials*.

### **Basic Entomology for Teachers**

The University of California Cooperative Extension is hosting a workshop on **Monday, June 16, 2008 from 8:30 a.m. to 12 noon** at the Stanislaus Ag Center, located at 3800 Cornucopia Way here in Modesto. The cost of the class is **only \$ 10 dollars**, and includes light refreshments and materials. Learn about basic entomology, including how to identify local insects, how to classify insects by order, basic insect anatomy, and about insect lifestyles. This workshop is funded by the UC Regents, and the deadline to register is June 9, 2008. *Please refer all questions and registration to Anne Schellman, Horticulture Program Rep at 209 – 525 – 6824.*

### **California Math Project – summer programs for K-12 teachers**

The California Math Project, housed at CSU Stanislaus, invites K-12 classroom teachers to participate in their summer programs. This summer the focus will be **Math Writers Workshop** – publish your favorite standards based math lesson. Here are details:

- **July 14-18 for teachers in grades 6-12**
- **July 21-25 for teachers in grades K-8.**

Each week will run from 8:30 – 3:00 p.m. and include all necessary materials and lunch for a cost of \$ 250 dollars each week. The goal of the summer workshop is to have up to 20 classroom teachers write up their best lessons for publication in the NCTM journal. (National Council for Teachers of Mathematics) All lessons will be reviewed and edited by selected math faculty at CSUS and the focus will be on the math strands of Number Sense, Algebra /Function, Geometry and Measurement, and Data Analysis. For more information about the summer workshop, please contact Dr. Viji Sundar at 209 – 667 – 3595 or email her directly at [vsundar@csustan.edu](mailto:vsundar@csustan.edu) Each participant will receive copies of all the standards based lessons produced by all of the 20 participants in the week long summer workshop. **This workshop is 30 hours and participants are eligible to purchase 2 units of professional development credit ( \$ 130) after completion of the course from CSUS.**

### **The 2009 Mickelson ExxonMobil Teachers Academy:**

The Mickelson ExxonMobil Teachers Academy recently announced a new way for **elementary school teachers to get a chance to attend the 2009 Mickelson ExxonMobil Teachers Academy and improve their math and science teaching skills.** Students can nominate teachers from Grades 3, 4, and 5 or urge them to apply for **an all-expense paid trip to the Academy's math and science professional development program by logging on to [www.sendmyteacher.com](http://www.sendmyteacher.com)**, an interactive website. Developed in conjunction with the National Science Teachers Association and Math Solutions, the Mickelson ExxonMobil Teachers Academy enables teachers to hone their science and math teaching skills, enhance their curricula, and discover innovative new ways to inspire students. The teachers will spend five days next July at the Liberty Science Center in Jersey City, NJ, deepening their understanding of mathematics and science content, building expertise in facilitating student learning through problem solving and inquiry, and using links between math and science that support student learning and understanding in the classroom. **Teacher applications are due by October 31, 2008.** The National Science Teachers Association and the National Council of Teachers of Mathematics will convene a panel of math and science experts to evaluate the entries and announce the selections in February 2009. The 2008 Mickelson ExxonMobil Teachers Academy will host more than 600 teachers in Houston, Texas; Baton Rouge, Louisiana; and Jersey City, New Jersey. To date, nearly 1000 teachers have attended the Mickelson ExxonMobil Teachers Academy. To nominate a teacher or to learn more about the program, visit [www.sendmyteacher.com](http://www.sendmyteacher.com).