

## Great Explorations in Math and Science

Education Service Center, Region 6 is a **GEMS** site. Awareness sessions, workshops, and support will be offered by trained GEMS Associates, Cathy Davis and Susan Bohan.

**GEMS** units support the National Science Education Standards, Benchmarks for Science Literacy, the mathematics curriculum standards of the National Council of Teachers of Mathematics (NCTM), state frameworks and district guidelines.

**GEMS** is based on a guided-discovery approach supported by educational evidence that students learn best by doing. Activities begin by engaging students in direct experience and experimentation and then introduce explanations of principles and concepts.

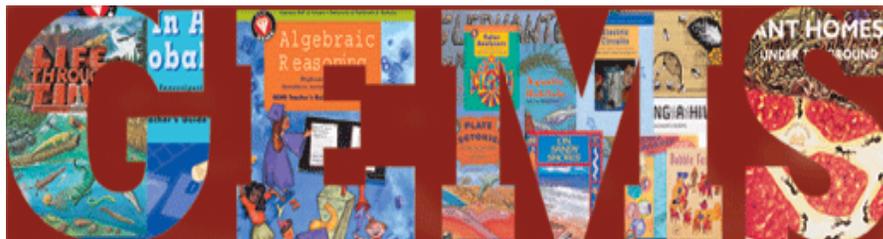
**GEMS** goals include: to create independent learners and critical thinkers, to increase students' understanding of pivotal science and mathematics concepts, to promote mastery of key science and mathematics skills, and build positive attitudes toward science and mathematics.

**GEMS** workshops are inquiry-based with hands-on experiences for participants. Key educational and practical issues are raised.

Become a part of the growing network of **GEMS** teachers!



<b>09-20-12</b>	<b>In All Probability (3-5)</b>	<b>Crockett, CD</b>	<b><u>148940</u></b>
<b>12-12-12</b>	<b>Dry Ice Investigations (6-8)</b>	<b>ESC, PDC</b>	<b><u>148910</u></b>
<b>01-29-13</b>	<b>Penguins and Their Young (PK-1)</b>	<b>Shepherd, SP</b>	<b><u>148949</u></b>
<b>05-09-13</b>	<b>Liquid Explorations (1-3)</b>	<b>ESC, PDC</b>	<b><u>148994</u></b>



### General Information

Time: 9:00 a.m. – 3:30 p.m.

Audience: Math Teachers, Science Teachers, Grades PK-8, including Special Education

### Fee

Math/Science Fee Service Members: \$0

Math/Science Fee Service Non-Members: \$175 per day on a space available basis

All workshops are listed on the web with full descriptions. Please register online at [www.esc6.net](http://www.esc6.net). For further information contact Lydia Klespis at [lklespis@esc6.net](mailto:lklespis@esc6.net) (936.435.8227), Cathy Davis at [cadavis@esc6.net](mailto:cadavis@esc6.net) (936.435-8216), or Staci Baker at [sbaker@esc6.net](mailto:sbaker@esc6.net) (936.435.8213).