

proudly presents



LUCI Mathematics

10-WEEK PROGRAM on

Mathematics Content and Developing Effective Instructional Strategies

Aligned with the California Mathematics Standards

for Elementary Classroom Teachers

This program is designed to provide teachers with a cohesive, coherent and mature look at mathematics taught in the elementary classroom and emphasis is placed on building mathematical ideas based on children’s prior knowledge.

LUCIMATH - Grades K-1 Mathematics

K-1 Mathematics: Topics include counting concepts, place value, analysis of arithmetic problem types, addition and subtraction computation strategies, shapes and their properties, algebraic thinking through patterns, measurement, and assessment strategies. Issues surrounding assessment and intervention are included in the program. This program is influenced by Cognitively Guided Instruction research.

LUCIMATH – Grades 2-3 Mathematics

Grades 2-3 Mathematics: Topics include place value, computation strategies – with emphasis on multiplication and division of whole number, fraction concepts, algebraic thinking, shapes and symmetry, length and area, and concepts of probability. Issues surrounding assessment and intervention are included in the program. This program is influenced by Cognitively Guided Instruction research.

LUCIMATH – Grades 4-5 Mathematics

Grades 4-5 Mathematics- Topics include patterns, concepts of variables, generalizing arithmetic, graphing, multiplication and division of whole numbers, fraction concepts and operations, introduction to integers, and applications of factors and multiples; properties of one- two-, and three-dimensional figures; measurement of linear plane, and solid shapes; spatial reasoning and visualization; probability, interpreting and analyzing data graphs; and decimals fractions. Issues surrounding assessment and intervention are included in the program.

Credit

2 UCLA extension quarter units in Education may be purchased for a fee of \$100 or 1 LAUSD salary point (no fee) will be available upon completion of the course.

<u>Session Date</u>	<u>Schedule</u>	<u>Locations available</u>
Week of Mar. 30 th – Jun. 1 st , 2005	10 weeks, 1 meeting per week, Wednesdays from 4-7PM	Sylvan Park Elementary School North Region
Week of Mar. 30 th – Jun. 1 st , 2005	10 weeks, 1 meeting per week, Wednesdays, from 4-7 PM	Dayton Heights Elementary School Central Region
Week of Mar. 31 st – Jun. 2 nd , 2005	10 weeks, 1 meeting per week, Thursdays, from 4-7 PM	Dolores Elementary School South Region
Week of Mar. 31 st – Jun. 2 nd , 2005	10 weeks, 1 meeting per week, Thursdays, from 4-7 PM	Shenandoah Elementary School West Region

For further information and to REGISTER ONLINE, go to <http://www.lucimath.org>

For questions, please call (310) 267-3911 or email lucimath@gseis.ucla.edu