



# Exploring Bridges

Teachers who know more math tend to have higher achieving students. Teachers who know more of the math associated with the curriculum they are using and use standards based instruction tend to have higher achieving students. This course promotes deeper understanding of the underlying mathematical concepts behind the Bridges K–5 curriculum. “*The mathematics that teachers need to know to do math well is different from the mathematics needed to teach math well.*” Deborah Ball. This course focuses on the mathematics that teachers need to know to implement Bridges with the greatest fidelity. Instructional strategies that deepen student understanding are modeled in the course as well as made explicit through participant reflection. Participants will also explore the levels of math teacher talk that are embedded in the instruction of the course.

In this 20 hour course, participants will:

- Develop their own mathematical capacity
- Explore visual models for mathematics
- Explore all five strands of math content
- Discuss and reflect about the pedagogy modeled in the course

## ADDITIONAL INFORMATION

### Instructor

**Mike Wong** has 30 years of teaching experience in the North Clackamas School District. He was part of the district’s Math Advisory Committee and helped found their first charter school. Mike has a master’s degree in curriculum and supervision and has been a professional development workshop instructor for Math Learning Center since 1986.

### How can we help?

Contact The Math Learning Center at 1 800 575–8130 or visit our Web site at [www.mathlearningcenter.org](http://www.mathlearningcenter.org).



## DETAILS

### Exploring Bridges

Section: B35 Mth 805  
2 (quarter-hour) graduate credits

### Dates

August 9–12, 2010

### Time

Monday–Thursday; 8:00am–2:00pm

### Location

Howard Elementary School  
286 Mace Rd  
Medford, OR 97501

### Fee

\$350 noncredit.  
Payable to The Math Learning Center

### Optional University Credit

Optional credit through Western Oregon University.  
\$100 for 2 quarter-hour graduate credit. A–F or Pass/No Pass grading. Details sent upon registration.

## REGISTER TODAY

### ☎ Telephone/FAX with Visa or MasterCard:

TEL 1 800 575–8130  
or 503 370–8130,  
FAX 503 370–7961

### ✉ Mail with check, credit card number, or school PO to:

The Math Learning Center  
PO Box 12929  
Salem, OR 97309-0929

Full payment of the noncredit fee is due upon registration. A \$25 non refundable cancellation fee per workshop applies.

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FIRST NAME, MI, LAST NAME			SSN / ID NUMBER
HOME ADDRESS			HOME PHONE (     )
CITY	STATE	ZIP CODE	SCHOOL PHONE (     )
SCHOOL			GRADE LEVEL
PAYMENT METHOD			EMAIL <input type="checkbox"/> HOME <input type="checkbox"/> WORK
<input type="checkbox"/> Check or Money Order      Charge to Credit Card: <input type="checkbox"/> Purchase Order <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard			

CREDIT CARD NUMBER —                      —                      —	EXPIRATION DATE
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SIGNATURE
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