



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.



DETAILS

Exploring Bridges

Section: A76 Mth 805
2 (quarter-hour) graduate credits

Dates

July 6–9, 2010

Time

Tuesday–Friday; 8:00am–2:00pm

Location

George Fox University
Portland Center
12753 SW 68th Ave
Portland, OR 97223

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 <input type="checkbox"/> Check or Money Order <input type="checkbox"/> Purchase Order	Charge to Credit Card: <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard
EMAIL <input type="checkbox"/> HOME <input type="checkbox"/> WORK	

CREDIT CARD NUMBER — — —	EXPIRATION DATE
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SIGNATURE
