

Teaching Student-Centered Mathematics

A hands-on workshop developing ratio and proportional reasoning

Presented by Jennifer Bay-Williams, co-author with John Van de Walle, et al.

Thursday, November 13 OR Friday, November 14

Carroll Knicely Conference Center • 2355 Nashville Road • Bowling Green

Come see how ratios and rates “shape up” when connected to multiplication, algebra and geometry!
 Join Jennifer Bay-Williams for a day filled with student-centered ratio and rate tasks designed to

- Develop deeper understanding of what is (and is not) proportional situations
- Explore rich tasks involving geometric concepts (similarity and congruence)
- Connect ratios and rates to meaningful contexts
- Consider how to implement rich tasks in ways that meet the needs of all learners

PGES Connection

Domain 1: Planning & Preparation Component 1a: Knowledge of Content and Pedagogy

- Knowledge of Content and the Structure of the Discipline
- Knowledge of Prerequisite Relationships
- Knowledge of Content-related Pedagogy



Dr. Jennifer Bay-Williams is a professor of mathematics education at the University of Louisville. She enjoys working in classrooms at all levels with both students and teachers, and regularly provides professional development on effective teaching practices in K-8 mathematics. She is on the NCTM Board of Directors and has been a regular contributor to NCTM teacher journals and yearbooks, and has authored/co—authored numerous books about effective mathematics teaching in K-12. She has served on the board of directors for TODOS; Equity for All and as president of the Association of Mathematics Teacher Education (AMTE). Dr. Bay-Williams taught elementary, middle and high school in Missouri and in Peru.

For:	Middle-level Mathematics Teachers, Special Education Mathematics Teachers/Co-teachers, Curriculum Coordinators, Instructional Coaches
Dates:	Thursday, November 13, 2014 <u>or</u> Friday, November 14, 2014
Location:	Carroll Knicely Conference Center, 2355 Nashville Road - Bowling Green
Time:	8:30 a.m. -3:30 p.m. (Central) Registration and Continental Breakfast will begin at 8:00 a.m. Lunch is on your own
Cost:	\$100 for GRREC Districts \$200 for non-GRREC districts
Materials:	Teaching Student-Centered Mathematics, Second Edition Volume III

Registration Form

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Please Print:

Name: _____ Position: _____

School: _____ District: _____

Phone #: _____ Email: _____

P.O. # _____ (required for registration)

Check one session:

_____ Thursday, November 13 [Click Here to Register Online](#)

_____ Friday, November 14 [Click Here to Register Online](#)

Note: School districts (or schools) will be billed following the activity based upon registration.

Registration Deadline: November 11, 2014
Register online with links above or
Fax this completed form to Kim Estes at (270) 563-2208

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Questions?
Contact Kim Estes at (270) 563-2113 or e-mail kim.estes@grrec.ky.gov