RAMP (‘Riting to Assess Mathematical Practices) Up

Schedule for 2012/2013
June 25-June 29, 2012
RAMP Up Workshop at Ohio University
Athens Campus – Baker Center

July 9-13, 2012
RAMP Up Workshop at Ohio University
Chillicothe Campus, Chillicothe, Ohio

Registration Information:
Online registration form available at
http://www.tinyurl.com/RampReg

For more information please contact
Chelsie Wollett, 740-593-0160 or via email at wolletc1@ohio.edu

The Stevens Literacy Center
Ohio University
Patton College of Education and Human Services
College of Arts and Sciences

April 28, 2012

Baker University Center
Athens, OH

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Improving Teacher Quality program, administered by the
Ohio Board of Regents
WELCOME . . .

Good day to everyone and welcome to the Final Symposium for the fifth cohort of the Better Mathematics Through Literacy program! On behalf of the entire project team, we would like to thank you, the classroom teachers, who have taken on the role of learners and action researchers over the course of this academic year. From our work this summer, you have taken the seeds of what it means to implement student-centered mathematics and planted these ideas in the fertile soil of your beliefs about effective teaching. You have fostered young seedlings of meaningful learning with an appropriate balance of reading, language development, problem-solving, and communicating mathematical thinking. Finally, with your own special tending of care and love that flows from a teacher’s heart, you have harvested a beautiful garden of student thinking and fostered the joy of learning.

On this day, we encourage you to celebrate not only your own learning and achievements from your action research projects, but also the meaningful learning that your students have achieved! Please keep in touch and continue to share with others the professional development you have received from this project.

We look forward to hearing from you in the future and to serving your school building and district colleagues in future iterations of Better Mathematics Through Literacy!

Peace to all of you!
The BMTL Team
### Session II – 10:45 A.M. – 12:00 P.M.
**Room 235**

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<td>Grade 1, Alexander Elementary</td>
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<td>Nikki Nazaroff, Angela Thomas</td>
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**Morning**

- 8:30 A.M. Continental Breakfast—Room 240/242
- 9:00 A.M. Welcome and Introductions
  - Acknowledgement of Special Guests
  - Overview of Symposium Format
- 9:20 – 10:35 A.M. Breakout Sessions I
  - Rooms 230, 233, 235, and 237
- 10:35 - 10:45 A.M. Break/Transition
- 10:45 – 12:00 P.M. Breakout Sessions II
  - Rooms 230, 233, 235 and 237

**Noon**

- 12:15 P.M. Lunch—Room 240/242
  - Guest Speaker: Dr. Bob Klein, Associate Professor, Mathematics Department

**Afternoon**

- 1:00 P.M. Recruitment for 2012 – 2013 RAMP Up
  - BMTL Professional Development Kits
  - Comments and/or discussions
- 1:30 P.M. Dismissal and Safe Travels

*Session II – 10:45 A.M. – 12:00 P.M.*

**Room 235**

**Numbers Make Sense**
**Misty Trace-Montgomery**
*Alexander Elementary*  
Grade 1

Smartboard activities develop number sense.

**Family Game Night**
**Michelle Chapman**
*Chauncey Elementary*  
Grade 1

A variety of game ideas and game bags focus on family involvement in math learning.

**Developing Number Sense**
**Ashley Culbertson**
*Thornville Elementary*  
Grade 1

Using number boards and place value to develop number sense and understanding of the = sign.

**Magnificent Measurement**
**Tonya Ogle**
*Chieftain Elementary*  
Grade 1

Standard and non-standard forms of measurement and manipulatives engage students.

**Mathematical Power Verbs, Say What?!?!!**
**Nikki Nazaroff, Angela Thomas**
*Tuscarawas Valley Primary*  
Grades K-3

Word of the day using various "Power Verbs" necessary for math learning.
**Session I – 9:20 A.M. – 10:35 A.M.**

**Room 230**

**Just Journals**
*Cassie Clayton*
*Roseville Elementary* Grade 4
Math journals for reflecting on math learning, understanding and explaining solutions, responding to math literature, recording math vocabulary, and charts.

**Teaming, - Collaboration - Small Groups**
*Julie Sheridan*
*Trimble Elementary* Grade 3
Meeting the needs of at risk and special education students using teaming, collaboration, and group work.

**The Language of Math**
*Kathleen Laughlin*
*Southlawn Elementary* Grade 4 - 6
Students gain confidence in their ability to express themselves during math because they have the vocabulary!

**What Were You Thinking?**
*Heather Bowen*
*Chesapeake Union Exempted* Grade 2
As a student has difficulty solving problems they come up with their own solution by explaining their thinking.

**Welcome to the Math Party!**
*Amber Fenwick*
*Wellston Intermediate* Grade 3-5
All learners actively participate without the teacher lecturing and using activities that promote hands-on learning.

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**Session II – 10:45 A.M. – 12:00 P.M.**

**Room 233**

**Math Talk and Touch**
*Jennifer Plummer*
*Belpre Elementary* Grade 2 - 3
Students become more confident math learners through the use of manipulatives and math talk.

**Hands-on Math Centers and Learning**
*Maura Rider*
*East Elementary* Grade 2
Pre and post test data shows the effect of hands-on math centers for math achievement.

**Money - Hands On!**
*Ashley Ables*
*New Concord Elementary* Grade 2
Hands-on learning games and activities impact student progress with basic money skills.

**Number of the Day**
*Adam Howe*
*Bloom-Vernon Elementary* Grade 1
Students' knowledge of odd and even, tally marks, counting money, place value, and more!

**Gumball Predictions**
*Carol Taylor*
*New Concord Elementary* Grade 1
What color will the daily helper pick? What are the mathematical possibilities? Observation, questioning, movement, rewards... big hit all around!
Session II – 10:45 A.M. – 12:00 P.M.  
Room 230

Parts and Pieces Make a Whole  
**Sharon Keplar**  
Green Elementary  
Grade 4
Using BMTL literacy, students formulate methods to solve problems, show interpretations to arrive at their own answers, and connect fractions to the "whole " in the real world.

Many Ways to One Answer  
**Rachel Terry**  
Wellston City  
Grade 3
Interviews with students and teachers showing the effects of journaling on math thinking.

Ring My Bell  
**Nicole Davis**  
Northwest Middle School  
Grade 7
"Bell ringers" reinforce standards daily to refresh students on basic operations and math concepts. Using technology to help with retention, reduce reliance on calculators, and provide opportunities with quick and easy results.

Ask, Don't Tell  
**Tracy Van Balen**  
Glenford Elementary  
Grade 3
Changing a lesson to facilitating with questioning leads students into thinking,

Reading Skills Through Math Literature - Before During After  
**Wendy Rogers**  
New Lexington Elementary  
Grade 3-4
Using math books as the literature units combine strategies in both disciplines.

Session I – 9:20 A.M. – 10:35 A.M.  
Room 233

Daily Review  
**Suzanne Mulrooney**  
Central Elementary  
Grade K-2
A ring of laminated state standards modified "Number of the Day".

Marvelous Math Manipulatives  
**Christine Teti**  
Chieftain Elementary  
Grade 2
Work, photos, and lesson examples as students use manipulatives to study fractions.

Math Centers  
**Jennifer Spang**  
Central Elementary  
Grade 2
Students have made discoveries, grasping math concepts and having fun as I have developed new math centers based on BMTL.

Journaling Across the Grades  
**Beth Hickman and April Castello**  
South Elementary  
Grades 1 & 3
Action research focuses on the learning experience using manipulatives and drawings to determine solutions of math problems.

More Than One Way  
**Trisha Harris**  
Chesapeake Elementary  
Grade 1
How many different processes could my students discover? I challenged them and watched them struggle their way to a solution as they problem solved.
Session I – 9:20 A.M. – 10:35 A.M.
Room 235

Playing Games to Learn Addition Facts
Rachel Leffler
Chieftain Elementary Grade 1
Setting aside time to play games each week has helped students to be engaged and more successful in learning math facts.

Expanding Number of the Day
Juli Hartman and Lisa Chambers
Maysville Elementary Grade 1
Our students are learning different ways to represent a number including place value, addition, subtraction, and word form.

Math Journals - What's Your Thinking
Melissa Cremeans
Chesapeake Elementary Grade 1
Have weekly math journals changed students' math thinking? Have they made progress in problem solving skills?

Number Stories and Rubrics
Cindy Nau
West Elementary Grade 1
Beginning with manipulatives, students translate into written stories and self-evaluate with a rubric.

Problem solved!
Nikki Ball
Roseville Elementary Grade 1
Basic mathematical thinking to a new level! Cooperative learning experiences engage embedded math skills with language arts encouraging risk taking, writing creativity, and strong math skills practice.

Math Boxes - Improving Number Sense
Peggy Barnhart
Roseville Elementary Grade 1
Using math boxes during calendar and math circle support number sense and increase achievement and engagement for all math processes.

Session I – 9:20 A.M. – 10:35 A.M.
Room 237

Fun with Number Order
Rita Reis
Union Furnace Elementary Grade K
Photos, student work, manipulatives to put it all in order.

Journaling in Kindergarten
Nicole McPeck
New Concord Elementary Grade K
What are the students writing?

Amazing Math
Mary Baker and Pam Clark
New Lexington Elementary Grade K
The Common Core standards and a "hands-on" approach.

Riddle Me This!
Susan Holsapple
East Elementary Grade K
Beginning with "regular" riddle books, students began to write math riddles.

Inquiry in Mathematics
Heidi Humphrey
Trimble Elementary Grade K
Through the use of inquiry, students have developed mathematical concepts and apply them to their worlds.