

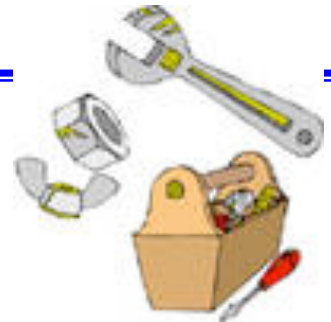
# Marchelle Kassebaum, Christian-Montgomery ROE #10

presents

## “Math Nuts and Bolts – Summer Session”

### Mathematics Essentials to Support the CCSS for Mathematics

Presented by Joyce Bishop PhD, math specialist for ROE 10 (June 3, 4 and 6) and  
Marshall Lassak PhD (Friday, June 7)



**June 3, 2013 ~ for Grades K & 1 Teachers (8:30 a.m. – 11:30 a.m.)**

**at Midstate Special Education conference room, 202 Prairie Street, Morrisonville**

- Ten-frame magic for early number sense
- Digging deeper into teaching addition and subtraction with formative assessment
- Strategies for fluency with basic addition facts
- Linking teaching mathematics to the Charlotte Danielson Framework

**June 3, 2013 ~ for Grades 2 & 3 Teachers (12:30 p.m. – 3:30 p.m.)**

**at Midstate Special Education conference room, 202 Prairie Street, Morrisonville**

- Extending understanding of addition and subtraction with Place Value Power and formative assessment
- Building on arrays to understand multiplication
- Growing deep understanding of fractions
- Linking teaching mathematics to the Charlotte Danielson Framework

**June 4, 2013 ~ for Grades 4 & 5 Teachers (8:30 a.m. - 11:30 a.m.)**

**at Midstate Special Education conference room, 202 Prairie Street, Morrisonville**

- A nifty method for finding factors and multiples
- Using base 10 blocks to teach decimals
- Building a solid foundation for multiplication and division of fractions
- Linking teaching mathematics to the Charlotte Danielson Framework

**June 4, 2013 ~ for PreK Teachers (12:30 p.m. - 3:30 p.m.)**

**at Midstate Special Education conference room, 202 Prairie Street, Morrisonville**

- Looking toward the Common Core: a framework for Pre-K mathematics
- Growing number sense with dot cards and five-frames
- Linking teaching mathematics to the Charlotte Danielson Framework

**June 6, 2013 ~ for Grades 6 & 7 Teachers (8:30 a.m. - 11:30 a.m.)**

**at Midstate Special Education conference room, 202 Prairie Street, Morrisonville**

- Developing ratio concepts
- Proportion and Non-proportion situations
- Ratio and proportion problems with Singapore math
- Linking teaching mathematics to the Charlotte Danielson Framework

**June 6, 2013 ~ for Grade 8 Math Teachers (12:30 p.m. - 3:30 p.m.)**

**at Midstate Special Education conference room, 202 Prairie Street, Morrisonville**

- Making sense of equations
- Relating proportions and non-proportions to lines
- Lines and linear equations
- Linking teaching mathematics to the Charlotte Danielson Framework

**June 7, 2013 ~ for Grades 8-12 Math Teachers (8:30 a.m. & 3:30 p.m. ~ BRING A SACK LUNCH) Counts as 2 sessions**

**at Nokomis Jr. High School computer lab, 511 Oberle, Nokomis, IL**

- Tapping Technology to Teach Mathematics:  
Topics will be selected from the following:
- Exploring function parameters with sliders
- Unexpected potential of graphing calculators
- Solving a system analysis
- Line of best fit: what is the impact of residuals?
- Making sense of data and line of best fit with Tinker Plots
- Linking teaching mathematics to the Charlotte Danielson Framework

Workshops are  
limited to 25  
participants per  
session. . .

You may register for  
more than one !

3 CPDUs  
per session

Register online **no later than May 14**

Online registration will be available soon at [www.roeio.org](http://www.roeio.org) (Workshops)  
or **Email your registration (name, school, and email address)**

**to Meg Dees [mdees@montgomery.k12.il.us](mailto:mdees@montgomery.k12.il.us)**

All workshops are **free** for teachers from Christian-Montgomery ROE 10  
public and private schools

**Questions? Email Joyce Bishop [bishop.jd@gmail.com](mailto:bishop.jd@gmail.com).**

*You will receive an email confirmation.*