



KENTUCKY CENTER
FOR MATHEMATICS

Math Intervention Expert Talks with Lisa Riggs

Welcome!

Expert Math Interventionist

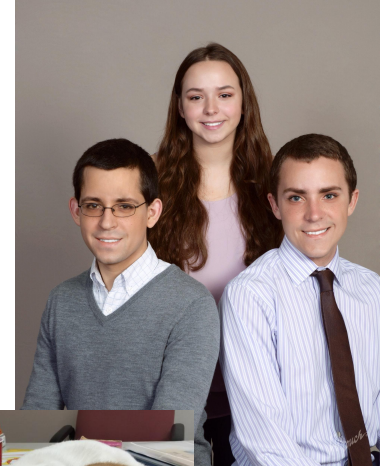
Lisa Riggs

Regional Consultant for KCM
Murray State University
Campbellsville, Kentucky
lriggs2@murraystate.edu

More About Me



- Taught for 29 years,
- NBCT 2003
- MIT for 8 years
- Math Recovery specialist, 2007
- AVMR Champion and SNAP facilitator
- KCM RC since, 2015
- Math Recovery leader, 2015
- Faith and Family are important to me.



KY Math Intervention



Thank You!

Kentucky legislators created the Mathematics Achievement Fund in 2005.

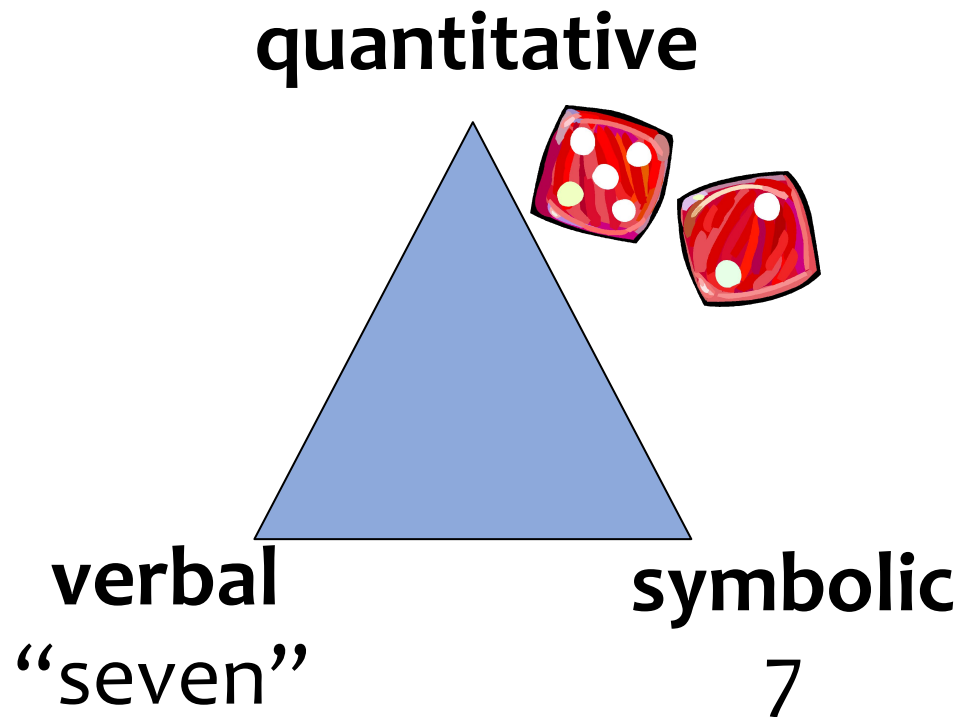
The goal of the MAF is...

“to provide developmentally appropriate diagnostic assessment and intervention services to students, primary through grade 12, to help them reach proficiency in mathematics on the state assessments.”

Agenda

- Research
- Child watching
- Reflection
- Resources share

Three Aspects of Number



- Research-based
- Each aspect is important, but the quantitative aspect is often overlooked
- Fluency in all 3 aspects is necessary to develop and sustain numeracy

Principals to Action:

MTP #3 – Use and Connect Mathematical Representations

- Effective teaching of mathematics engages students in making connections among mathematical representations to deepen understanding of mathematics concepts and procedures and as tool for problem solving.

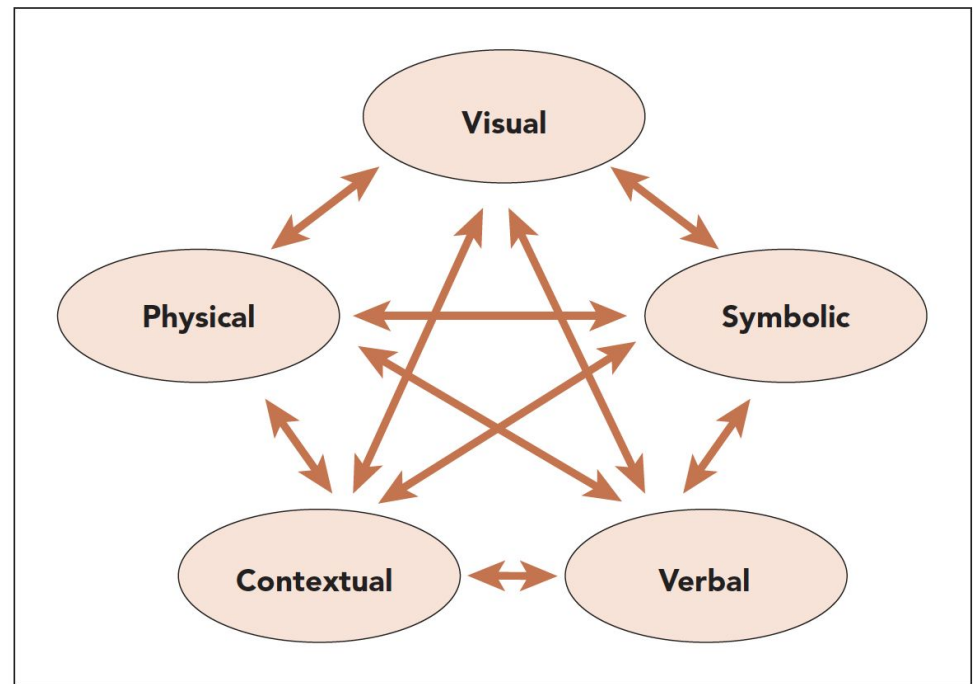


Fig. 6.1. Important connections among representations (NCTM 2014, p. 18)

Grow and Shrink



Grow and Shrink

What representations did you see in this setting?

How might it be different with a bead rack?

Grow and Shrink

<https://apps.mathlearningcenter.org/number-rack/>



Additional resource

- <https://www.lovemaths.me/games>
- <https://www.mathlearningcenter.org/home-learning>

Upcoming Virtual Professional Learning

APRIL 6 - 10
2:00-2:30 PM EST



Math Intervention Expert Talks!

w/ KY Math Leaders

Monday, April 6 - Meet the Expert- Kristie Manley

Tuesday, April 7 - Instructional Moves with KCM's Lisa Riggs

Wednesday, April 8 - Meet the Expert- Michael Hines

Thursday, April 9 - Instructional Moves with KCM's Tonda Thompson

Friday, April 10 - Meet the Expert- Jackie Damron

Visit Our KCM Website

www.kentuckymathematics.org



Good News!

The KCM is hard at work to ensure Kentucky teachers have access to innovative professional development from home.

Through the newly launched [KCM Virtual](#) site, mathematics teachers from all grade levels will have access to live zoom meetings, video records and corresponding materials. [Read more.](#)

[Elementary: Make 'n Take Supporting Number Sense and Fluency - Mar. 23-27](#)

[Middle: Fractions, Decimals & Percents - Mar. 30-Apr. 3](#)

[High: Algebra & Geometry - Thursdays, Mar. 26 - Apr. 16](#)

[Math Intervention Expert Talks - Apr. 6 - Apr. 10](#)

[Focus on Place Value - Apr. 13 - Apr. 17](#)



KCM is here to support teachers!

Expert Math Interventionist

Lisa Riggs

Regional Consultant for KCM

Murray State University

Campbellsville, Kentucky

lriggs2@murraystate.edu