

Math Intervention Expert Talks with Michael Hines

Welcome!

Expert Math Interventionist

Michael Hines

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All About Me

- Teacher in Nelson County for 13 years
- MIT for 5 years
- Assessing Math Concepts
 - Developing Number Concepts (Kathy Richardson)
- Love spending time with family
 - camping, boating, sports, board games, cards, watching movies, eating food



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."

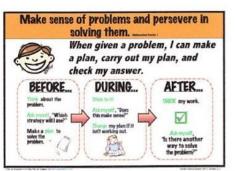


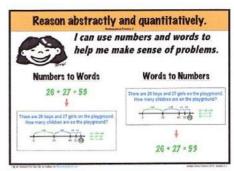
Agenda

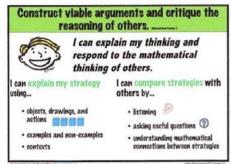
- Topic What is my role as an MIT in this never before seen challenge?
- 8 Math Practices
- Research
- Card games
- Content Money video
- Distance Number Talks
- Next Steps

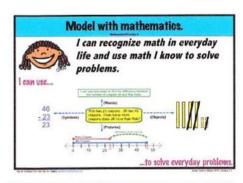


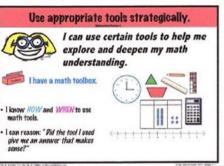
Research 8 Math Practices

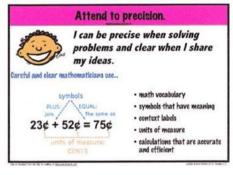


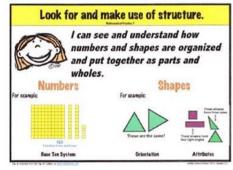


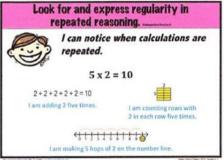










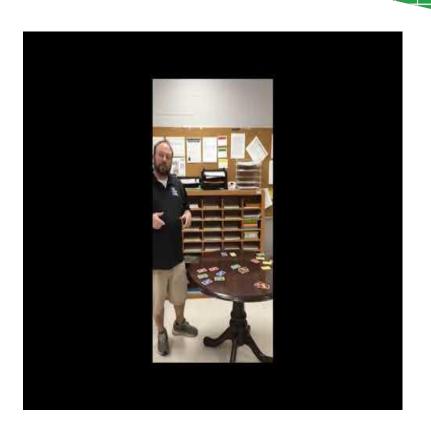


- Focus on 8 math practices when preparing digital learning / at home experiences.
- 8 practices are applicable in all areas



Card Games

- Speed Make 10 or 5
- 3v3 or 4v4 Bingo
- Flip 2 or 3
- Fan Tan
- UNO
- DREME



Development and Research in Early Math Education - Stanford University



Content - Money



- 1. Construct a clock (math tool)
- 2. Discuss each grade level.
- 3. Provide an activity for each grade level.
- 4. Encourage discussion with proper math vocabulary in real world applications.



Virtual Number Talks

- Google Meet
 - Google District (one to one)

BE CAREFUL!

- > Zoom
 - Lookout for "Zoom Bombs"
 - Tips from PCMag.com

Confidentiality!



Next Steps

- Virtual Number Talks
 - Offer Math Flips
- Dice Games Video
 - Offer chance to play against Mr. Hines online.
- Play Card Games
 - Offer chance to play against Mr. Hines online.

Next Steps Continued:

- Number of the Day (FB / Dojo)
 - ➤ Families post various ways of portraying the number such as collections, math problems, story problems, etc...
- Virtual small groups
 - Math Flips
 - Pose a question ahead of time
- **KCM** > Connect with the students

Resources

voucubed.org

DREME

PCMag.com



Upcoming Virtual Professional Learning





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 <u>KCM Virtual</u> site, mathematics teachers from all grade levels will have access to live zoom meetings, video records and corresponding materials. <u>Read more</u>.

<u>Elementary: Make 'n Take Supporting Number Sense</u> and Fluency - Mar. 23-27

<u>Middle: Fractions, Decimals & Percents - Mar. 30-Apr.</u> <u>3</u>

High: Algebra & Geometry - Thursdays, Mar. 26 - Apr. 16

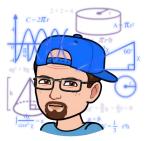
Math Intervention Expert Talks - Apr. 6 - Apr. 10

Focus on Place Value - Apr. 13 - Apr. 17



KCM is here to support teachers!

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