

ARI/KVEC Fire Summit Fall 2020

Do the Math!



Do the Math!

A little about me...

[Pikeville College- Bachelor's Degree](#)

Elementary Ed, Middle School Ed, and Math

[Morehead State University- Master's Degree](#)

Reading/Writing Specialist



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A little about me...

I've been an educator for 20 years where I've taught elementary school-college classes. I've had the opportunity to work with special needs students, home hospital students, and students who needed specialized math interventions.



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A little about me...

I've had the privilege to be a part of the Kentucky Center for Math by attending trainings and have received certifications through grant fundings as a:

Numeracy Specialist

AVMR Specialist

Teacher Leader

Math Recovery Intervention Specialist



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A little about me...

Last year I was afforded the opportunity with my district to become a **GOOGLE Certified- Level I Educator.**





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A little about me...

Currently I'm an educator with Jenkins Independent Schools where I'm the director of the **Jenkins Middle High School Math Academy**.



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Now fast forward to present day...

Teaching during a Pandemic





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How do we as educators
meet the needs of our students
through distance learning
during a pandemic?

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Jenkins Middle High Math Academy





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The Purpose

To meet the ever growing need of grade level deficits in mathematics.



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The Purpose

Offer lab classes to increase the understanding of mathematics concepts.



Do the Math!

The Purpose

-Offer lab classes to increase the understanding of mathematics concepts.

Offer lab classes to bridge the gap of low performing mathematics students.



Do the Math!

The Purpose

- Offer lab classes to increase the understanding of mathematics concepts.
- Offer lab classes to bridge the gap of low performing mathematics students.

Lab classes allow students to get individualized, differentiated math lessons.



Do the Math!

The Purpose

- Offer lab classes to increase the understanding of mathematics concepts.
- Offer lab classes to bridge the gap of low performing mathematics students.
- Lab classes allow students to get individualized math lessons.

Lab classes allow students to learn with manipulatives and research based strategies.



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The Purpose

Long term goal...

Continue Math Lab classes to meet the needs of our low performing students who need math interventions.



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The Purpose

Long term goal...

-Continue Math Lab classes to meet the needs of our students who need math interventions.

Offer advance mathematic courses to students.



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Problem

Can struggling students overcome grade level deficits through virtual learning during a pandemic?



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Data

MAP Data
State Test Scores
Student Work
Teacher Observations



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Solution

Communication



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Solution

Communication

Research Based Strategies



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Solution

Communication
Research based Strategies

Differentiated Instruction



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Solution

Communication

Research based Strategies

Differentiated Instruction

Technological Resources



Do the Math!

Solution

Communication

Research based Strategies

Differentiated Instruction

Technological Resources

Math Manipulatives



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Communication Materials

- Teacher Web Page
- Rocket Book App
- Rocket Book Materials
- Drawing Tablet
- Headphones



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Student Materials

- Place Value Manipulatives
- Fraction Manipulatives
- Algebra Manipulatives
- Geometry Manipulatives



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Problem

What about students without a device or internet connections?



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Student Materials

Students without internet connection receive a device and a weekly jumpdrive.

Students are given appointments to come into the school.



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Contact Information

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<https://sites.google.com/jenkins.kyschools.us/2020-2021jmhsmathacademywebsit/home>



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Thank you!

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&

All Grant Donors