ALL ARE INVITED!

Host: Jacqui Lehmkuhl

@JacquiLehmkuhl
HELLO!

Who am I?
What’s my Why?
You can find me at @JacquiLehmkuhl
What would your mathletes say is the purpose of mathematics?
LET'S CHANGE THE MATH NARRATIVE!

Getting Answers
Procedures
Speed
To graduate

#StartWhereTheyR
#Don’tSettle
PURPOSE OF SCHOOL MATHEMATICS

Each and every student should learn the Essential Concepts in order to expand professional opportunities, understand and critique the world, and experience the joy, wonder, and beauty of mathematics.
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★ Safe
★ Unexpected
★ Purpose

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★ Safe = Critique the world
★ Unexpected = Joy
★ Purpose = Professional

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What's your superpower?

#Belief
“All children, given appropriate supports can learn math for understanding. The key is to find where the Mathlete is on solid ground and to provide tasks that will help him/her to move forward.”
KIDS DON'T LEARN FROM PEOPLE THEY DON'T LIKE.

-Rita Pierson, TedTalk

#UNEXPECTED
"Every child deserves a champion: an adult who will never give up on them, who understands the power of connection and insists they become the best they can possibly be."

- Rita Pierson, Educator

- #NeverGiveUp
- #EmbraceTheStruggle
“No significant learning occurs without a significant relationship.”

—Dr. James Comer

1. **SAFETY REQUIRED**

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TRUST

"Trust is the glue of life. It's the most essential ingredient in effective communication. It's the foundational principle that holds all relationships."

- Stephen R. Covey
NAME TENTS ~ LEHMUKHL TWISTS

BUILDING RELATIONSHIPS WEEK 1 WITH

Name Tents

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1) **CREATE YOUR CULTURE WITH CLASSROOM NORMS, NON-NEGOTIABLES, AND BELIEF, OH MY!**

2) **ALL ARE INVITED!**
BIG CONCEPT

#Safe

#Unexpected

- Number Talks
- Belief
- Growth

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MATH CHATS AND NUMBER SENSE

Safety First (Risk)

Unexpected (Creativity)

Purpose (Math Esteem)
CHANGE THE PERSPECTIVE

#Growing

#NeverGiveUp

you don’t have to be perfect to be amazing
Big Concept
Mastery Checks
“When we think about learning, we typically focus on getting information into students’ heads. What if, instead, we focus on getting information out of students’ heads?“

— Pooja K. Agarwal, Powerful Teaching: Unleash the Science of Learning
BUILDING MATH ESTEEM!

Retrieval Practice
Spacing
Interleaving
Feedback
HOW TO KNOW IF THEY “GET” MATH’S PURPOSE.

Thinking > Answers
Reflecting on the beautiful why of mathematics.

Embracing authenticity; taking risks, and owning the learning.
Easy Peasy Supports

1) Monday Motivation
2) Tuesday Rotations
3) Wacky Wednesday
4) Thursday Rotations
5) Flashback Friday
ALL ARE INVITED!

Safety (Trust)

Unexpected (Risk)

Purpose (Believe)

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BONUS FEATURE

PURPOSEFUL PRACTICE

The only way to learn mathematics is to do mathematics.

PAUL HALMOS
WHAT I DO WITH HOMEWORK?

I SEE YOU'RE DOING YOUR MATH HOMEWORK IN PEN
I TOO LIKE TO LIVE DANGEROUSLY

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ALL ARE INVITED!

We are all MATH PEOPLE

1) Safety First
2) Unexpected
3) Purpose

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NOW WHAT?
THANKS!

Feel free to contact me

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CLICK HERE
FOR
RESOURCES
CREDITS

Special thanks to all the people who made and released these awesome resources for free:

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