

Three Keys for Unlocking the Hearts and Minds of Math Students

Thu, 10/26: 11:00 AM - 12:00 PM ; DC Convention Center, Room 202A



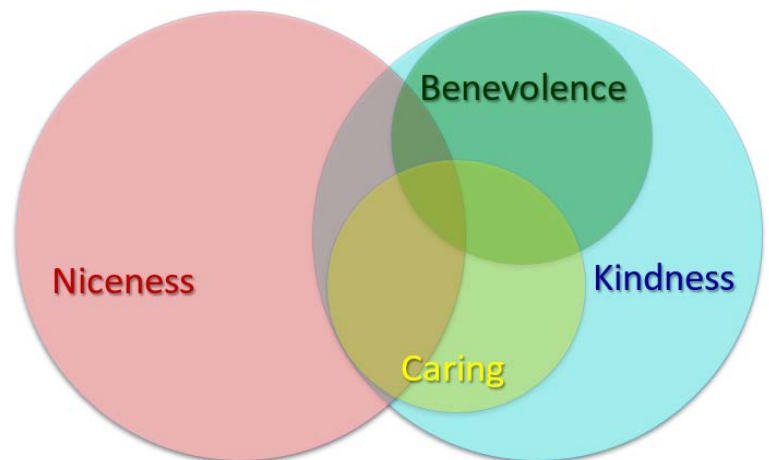
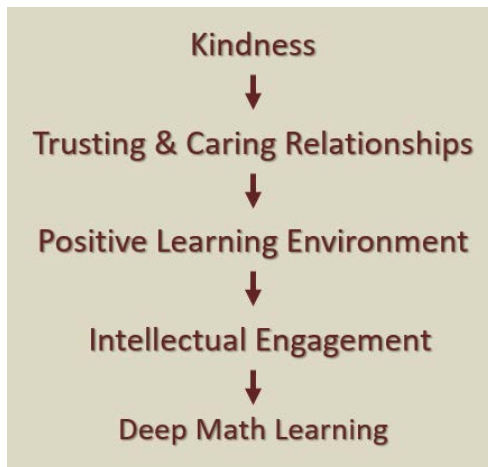
Helping students learn math deeply and wholeheartedly requires 3 keys: (1) genuine kindness to connect with students, (2) a growth mindset for students to model, and (3) a positive learning environment where students feel safe to engage openly and intellectually. This session inspires you to transition from being a nice teacher to a kind teacher.

An Outline of the Presentation

- Growth Mindset
- Positive Learning Environment
- Kindness
- Open Discussions
- Online Resources

FIXED MINDSET CHARACTERISTICS GROWTH

Fixed	—	SKILLS•INTELLIGENCE	—	Can be developed
Performing Well	—	MAIN CONCERN	—	Learning & Improving
Makes No Difference	—	EFFORT	—	Essential for learning
Avoid / Easily Give Up	—	CHALLENGES	—	Welcome / Persevere
Praises & No Criticisms	—	FEEDBACK	—	Value Them
Avoid / Lose Confidence	—	MISTAKES	—	Accept as Opportunities



- Do you want to be a caring teacher?
- What are your concerns or reservations?
- What strategies do you use to foster kindness in classrooms?
- What challenges do you encounter, and how do you overcome them?
- Do you feel inspired to cultivate kindness within?
- How can we infuse kindness in our lives and into our environment?

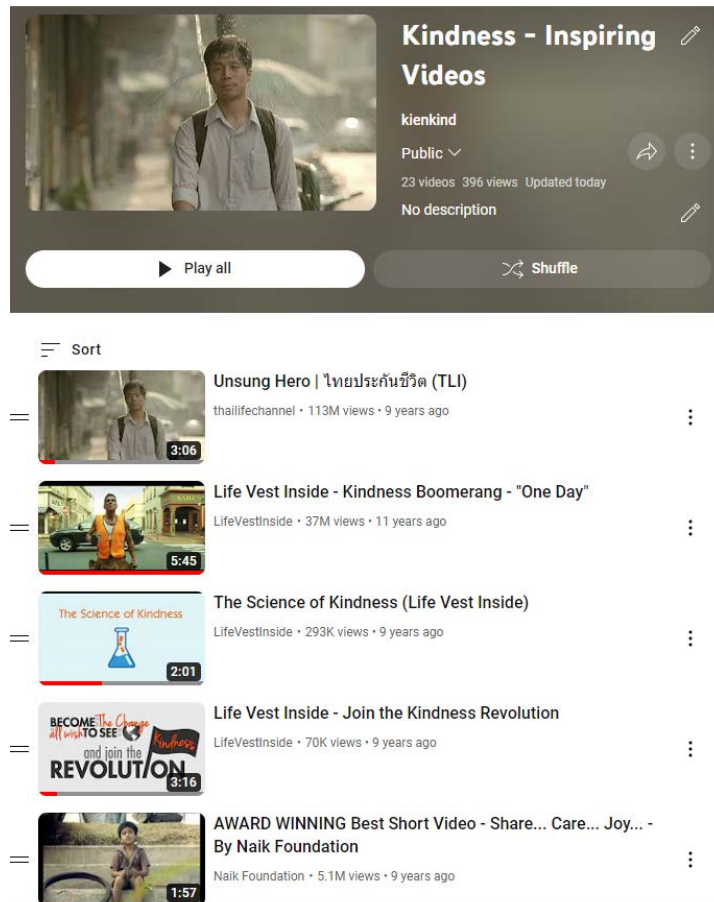
Presenter's Article on Kindness

Lim, K. H., & Matsuura, A. (2023). Blending Mathematics Teaching with Kindness. *Journal of Humanistic Mathematics*, 13(1), 217-231.



A Sample of Online Resources

- [Kindness – 23 Inspiring Videos - YouTube](#)



- [Mindset Kit | Resources for growth and learning mindsets](#)



Teaching a Growth Mindset

Learn how to talk to students about the brain, and download a growth mindset lesson plan.



Praise the Process, Not the Person

Learn about the kind of praise that promotes a growth mindset, and see it in action.



Celebrate Mistakes

Learn how to promote mistakes from Carol Dweck and Jo Boaler; watch teachers use this practice in action; and download activity ideas to try in your classroom.



Assessments for a Growth Mindset

Learn about assessments that promote a growth mindset from Jo Boaler.



Math - Give Tasks That Promote Struggle and Growth

Learn from Jo Boaler about how opening up a math task can promote a focus on growth, and see how to turn closed math tasks into open tasks.

- [Youcubed - Inspire All Students with Open, Creative Mindset Mathematics](#)