



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS
CELEBRATING 100 YEARS

Using Math to Make Sense of Our World: Pandemics, Viruses, and Our Actions

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#NCTM100



Start with a Thank You!

Thank you to my co-presenters!

They didn't ask to do this.

They agreed to jump in and figure it out together.

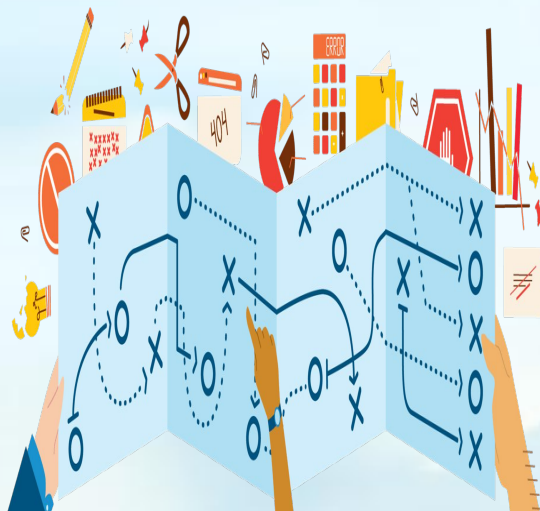
Thank you to YOU!

We know there is a lot going on!

Thank you to the NCTM leadership and staff for making the 100 Days of Professional Learning happen.

Now...where do we start?

- What day is it? Day 2? Day 15? Today!
- This is not what we signed up for. No play book.
- We are at our best when we work together.
- COVID-19: Don't Panic but Know the Science -NSTA





The Need for Grace and Space

And if we provide each other with the grace and space to talk about [difficult issues] without shame, we won't have to fear saying ridiculous things. We'll be able to forgive each other for ways in which we might inadvertently offend.

Francis Su, MAA Past President. "Freedom through Inquiry." Address at the Inquiry-Based Learning Forum & 19th Annual Legacy of R. L. Moore Conference. August 4, 2016.

Proceed with Caution!

- Impacting each of us differently.
- Impacting us unevenly.
- Increased level of uncertainty.
- Increase level of anxiety.





Understanding and Critiquing Our World

Math is useful in understanding the situation.

We are seeing more graphs, models, projections, data than ever before. Use mathematics to question and make sense.

“Why are we doing this?”

Understanding mathematics helps to answer the question.

Be empathetic. The hope is to use/develop the tools to answer their questions.