My slides are posted at my blog, mathillustrated.net

Please email me if you are interested in the classroom materials and additional resources.  Thank you!

NCTM San Diego 2019

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*e*nliven the introduction to *e* by telling its true story. It's one more *e*nteresting than compound interest. We'll *e*xamine average rates of change, series, Pascal's triangle, limits, probability, and even *e*uler's method with multiple representations in Precalculus.

Leave your student audience *e*ager to learn more about a number with many claims to fame.

Some numbers have it easy – like that number that relates the circumference and the diameter of a circle.

*e*, however, has is own *e*nteresting story.

How does your presentation align with NCTM's dedication to equity and access?

The activities presented have been designed to invite students to pose questions, promoting students' engagement with math and their belief that their own ideas are at the center of what it means to do mathematics.

By presenting this challenging math content in ways that draw upon students' prior knowledge, mathematical connections, and multiple representations, the lessons provide students with multiple entry points and different possible forms of understanding.

*e*veryone in the room has a number.

I'm going to call out random numbers from 1 to *n*.

If you number is called, stand up.

What do you *e*magine will happen?

What do you wonder?