

2018

**New York State
Middle School
Association
Conference**

**Conference Theme
Middle Level:
The Next Generation**

Featured Session: Mr. Greg Tang

Teaching the Tough Topics: Fractions, Ratios, and Proportional Thinking

Does making sense of problems and procedures make them easier to solve and remember? Are visual models the secret to moving students from arithmetic to algebra?

We will tackle the toughest topics to teach – from multiplication and division with large whole numbers and decimals to multi-step and comparison word problems with fractions, ratios and percents. We will explore a progression of visual models and methods including number bonds, area models, tape diagrams and double-sided number lines before finally making sense of algebraic equations.

Join best-selling author Greg Tang and see for yourself why visual models really are the secret to understanding and loving math. This is one workshop you won't want to miss!



Greg Tang is the *NY Times* best-selling author of a series of math picture books from Scholastic that includes *The Grapes of Math*, *Math-terpieces* and *Math Appeal*. He is the inventor of the popular math game Kakooma® and creator of GregTangMath.com.



WHEN

Thursday,
October 18th, 2018



WHERE

Vernon Downs Resort
And Casino, Vernon, NY



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Online at:
www.nysmsa.org

NEW YORK STATE



We are committed to creating, promoting, and supporting effective middle-level programs that are academically rigorous and developmentally responsive.

MIDDLE SCHOOL ASSOCIATION