

Sessions to CONSTRUCT UNDERSTANDING

The following sessions will be presented in presentations, workshops and in webinars in North America and overseas. The following examples are for sessions at ACTM in Birmingham, AL on November 1&2 2018. Some or all may also be presented in Ohio, NJ, Ontario, PEI, Nova Scotia, NY, Detroit, GA, SC and in the New World School in Beijing as well as other locations.

For session details, go to www.umathx.com . Then cursor down to “Conference Sessions”



SNACK on Fractions of Licorice and JuJubes to VISUALIZE 'n LEARN Fraction Operations.

Rudy Neufeld, Neufeld Learning Systems, Inc.

Principal Steve Brown and Teachers at George Brown ES in Birmingham.

Come VISUALIZE FRACTION in different ways with Licorice and Jubes and LEARN by “tasting” our 3 part lessons to visualize concepts and construct learning in a sequence of topics .. Introduction to Equivalent to Adding Fractions to Multiplying Fractions. This rich learning environments offers on and off computer activities including virtual and real manipulatives. Participants receive access to online resources and lessons for their classes.

10:00 – 11:15 A.M. Thursday, Nov 1



Math or Magic / Empower Students to Algebraic Thinking through Number Tricks

Rudy Neufeld, Neufeld Learning Systems

Phyllis Morrison, Rome MS

If you wish, come wearing your “Halloween attire” to help get into the spirit of trickery of math or magic. We will work through model lessons which teach concepts in steps from numbers to variables in a sequence of activities involving algebraic thinking. The learning environments involve on and off computer activities. Participants will receive access to online resources and lessons for their classes.

11:30 – 12:15 A.M. Thursday, Nov 1



Brunch on a RATIO MIX of Cranberry Juice & Gingerale 'n Learn

Rudy Neufeld, Neufeld Learning Systems Inc.

Starr Plump, Conecuh Schools

RATIOS form the basis of much gr 5 to Algebra Mathematics. Come have BRUNCH by mixing Ginger Ale & Cranberry Juice and LEARN by “tasting” our 3-part lessons which teach concepts: Tape Diagrams, Ratio Tables and Double Number Lines. Scale Diagrams, Dilations, Slope. Participants will be given access to lessons both online and in print for their gr 5 to Algebra classes.

A Tasty Introduction from Mayfield Ohio, served by Jackie and Allison.

To make Jackie's & Allison's Mayfield Fruit Punch, we ask you to generate a mix made up of the “real” things. You are provided with a personal empty cup. In addition, you are given 2 small cups with no marks on them. You do not estimate. We want to generate the perfect taste which Mayfield Punch demands. The perfect taste is generated by a ratio of 3 units of ginger ale for every 4 units of cranberry juice. Please consider 2 methods.

12:30 – 1:45 P.M Thursday, Nov 1