

Elementary

Grace Kelemanik - Fostering Math Practices – Natick, MA**Amy Lucenta - Fostering Math Practices – Natick, MA**

Developing Repeated Reasoning for ALL Students

Jody Wagner - Buffalo State College – Buffalo, NY

Tape Diagrams... A Useful Tool in Many Grades

Middle

Alicia Chiasson - Newbury Elementary School – Newbury, MA**Curriculum Writer for Illustrative Mathematics**

Using tools to express regularity in repeated reasoning with ratios:

Double number lines, tables, graphs, and tape diagrams.

Victor Mateas – Fenway High School – Boston, MA

Manifestations of MP 8 across mathematical domains:

Examples from numerical and geometric contexts of looking for

and expressing regularity in repeated reasoning

Secondary

Jay Schiffman – Rowan University – Glassboro, NJ

Rich Problems Addressing The CCCS Using Appropriate Tools Strategically

and Expressing Regularity in Repeated Reasoning

Natalya Vinogradova – Plymouth State University – Plymouth, NH

Solving Quadratic Equations via Completing a Square. Which Square?

Wednesday July 26, 2017

Elementary

Kit Norris - Math Consultant - Hudson, MA

Meaningful Tasks = Tools for Learning

Anu Advani – Amos Lawrence School – Brookline, MA

Teaching money in grades K to 3 through Board Games

Middle

Anne Collins – Lesley University – Cambridge, MA

Big Problems Become Small Problems when Mathematical Modeling is Introduced

Jim Matthews – Siena College – Loudonville, NY

Getting Your Kids to Construct Viable Arguments and Critique the Reasoning of Others

Secondary

Kaitlyn Aspell – Canton HS Canton, MA

Putting data back in the forefront

Orly Buchbinder – University of New Hampshire – Durham, NH

Is this a coincidence? – A model for mathematical discovery

Thursday July 27, 2017

Elementary

Gina Kilday – Metcalf School – Exeter, RI

Adding and Subtracting:

Using Tools and Repeated Reasoning to Develop Meaningful Strategies

Kate Marin – Stonehill College – Easton, MA

Beyond Word Problems: Modeling with Mathematics

Middle

Kees de Groot – University of Rhode Island – Kingston, RI

Fractions and Ratios: Faux Amis

Jean McKenny - Northeast Kingdom Learning Services – Newport, VT

Translate, Rotate, Reflect

Secondary

Art Bardige – What If Math – Cambridge, MA**Peter Mili – What If Math – Cambridge, MA**

Using Spreadsheets for Math Reasoning and Problem Solving

Nancy Johnson – Hopedale Jr/Sr HS (Retired) – Westborough, MA

An Introduction to Learning to Code with Graphing Calculator Technology

Daily Schedule