Posters and Handouts Guide: Elementary Mathematics

Professional Learning: Module 1

Prior to the session . . .

Make the following posters:

- Parking lot

The following should be printed for you as a poster:

- Key shifts of the LSSM (see slide 27)
  - Focus: Narrowing in on fewer topics
  - Coherence: Linking topics and thinking across grades and domains
  - Rigor: Pursuing with equal intensity conceptual understanding, procedural skills and fluency, and applications

Secure the following materials:

- Chart paper and table supplies (markers, scissors, sticky notes, and glue sticks or tape)
- Copy and cut out materials for participants:
  - **M1_CL-02** EngageNY Tasks: Standards Card Sort *(printed on cardstock and cut out in advance; 1 set for each group of 4 participants)*
- Participant handouts (see below)

Verify you have sufficient copies of the following participant handouts:

- **M1_P-00** Elementary Math presentation slides (2 slides to a page): Title: "Module 1: Setting the foundation for implementing the curriculum: Grades K–5"
- **M1_P-01** Key Shifts in Mathematics
- **M1_P-02** Looking for Evidence of Student Engagement in the Key Shifts
- **M1_P-03** EngageNY Lesson 4—ENY Math G2 M1 TB L4 Teacher
- **M1_P-04** Diamond Reflection: Unpacking the EngageNY Lesson
- **M1_P-05a** What's Your Mindset? and **M1_P-05b** "The Perils and Promises of Praise."
  - Note that the next part of this activity requires that participants have access to the following article by Carol Dweck: Dweck, C. S. (2007). The perils and promises of praise. *Educational Leadership: Early intervention at every age* [issue theme], 65(2), 34–39. http://www.ascd.org/publications/educational-leadership/oct07/vol65/num02/The-Perils-and-Promises-of-Praise.aspx
- **M1_P-06** LDOE Elementary Math: Content Module Organization

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Review the following facilitator handouts:

- **M1_CL-00a** Math Module 1 Overview Plan: Module Title: Setting the Foundation for Implementing the Curriculum
- **M1_CL-00b** Facilitator copy of Math Module 1 Slides: Module Title: Setting the Foundation for Implementing the Curriculum
- **M1_CL-01** Posters and Handouts Guide (this document)
- **M1_CL-02** EngageNY Tasks: Standards Card Sort
- **M1_CL-03** "Save the Last Word For Me"
    - Note that this activity requires that facilitators have access to the following article available online: National School Reform Faculty; Patricia Averette. (No date). "Save the Last Word for Me." Developed in the field by educators affiliated with NSRF. Bloomington, Indiana: National School Reform Faculty, Harmony Education Center. 2018 May 24 retrieved via https://www.dev.wordpress.nsrfharmony.org/nsrf_protocol_selection_tool/text-other-media or http://schoolreforminitiative.org/doc/save_last_word.pdf

Check the embedded video link to ensure smooth operation:

- **Slide 17**: The Importance of Coherence in Mathematics (Video title: "Common Core State Standards: A New Foundation for Student Success."] In this 5-minute video, CCSS lead writer Professor William McCallum explains the importance of connections within mathematics and the value of students understanding the structure and coherence of the subject. From the Hunt Institute. Available via https://achievethecore.org/page/2801/learn-more-about-the-coherence-map or on Vimeo here: https://vimeo.com/81639437