Posters and Handouts Guide: Elementary Mathematics

Professional Learning: Module 4

Prior to the session . . .

Make the following posters:

- Parking lot

Secure the following materials:

- Table supplies (markers, scissors, sticky notes, and glue sticks or tape)
- Chart paper
- Linking Cubes (1 set of 40 per group)
- Base-Ten Blocks (1 set per group)
- Copy (onto cardstock if possible) and cut out sets of facilitator handouts:
  - **M4_CL-03** math-g2-m3-topic-e-lesson-11: Lesson 11: Objective: Count the total value of ones, tens, and hundreds with place value disks: Go to **page M4_CL-03.11**, the place value disks at the end of this document, and *copy and cut out 1 set of disks per each group of 4 participants*
  - **M4_CL-05** Standards Cards for Vertical Alignment: *copy and cut out 1 set of cards (1 printed M4_CL-05 document = 1 set of cards) per each group of 4 participants*
- Participant handouts (see below)

Verify you have sufficient copies of the following participant handouts:

- **M4_P-00** Printed copy of Module 4 presentation slides (printed 2 slides to a page)
- **M4_P-01** Looking for Evidence of Student Engagement in the Key Shifts
- **M4_P-02** Place Value Chart
- **M4_P-03** Vertical Alignment Chart
- **M4_P-04** Required Fluencies in the LSSM
- **M4_P-05** Planning Guide
- **M4_P-06** Persistence and Effective Effort

Review the following facilitator handouts:

- **M4_CL-00** Math Module 4 Overview: Numbers and Base Ten: Place Value and Fluency
- **M4_CL-01** Posters and Handouts Guide (this document)
- **M4_CL-02** math-g1-m4-topic-a-lesson-2: Lesson 2: Objective: Use the place value chart to record and name tens and ones within a two-digit number.
- **M4_CL-03** math-g2-m3-topic-e-lesson-11: Lesson 11: Objective: Count the total value of ones, tens, and hundreds with place value disks.
- **M4_CL-04** math-g4-m1-topic-a-lesson-2: Lesson 2: Objective: Recognize a digit represents 10 times the value of what it represents in the place to its right.
- **M4_CL-05** Standards Cards for Vertical Alignment
- **M4_CL-06** Required Fluencies in the LSSM: Answer Key
- **M4_CL-07** Lesson 2 Exit Ticket: Student Work

Check any embedded videos to ensure smooth operation