EUREKA MATH®

PROFESSIONAL DEVELOPMENT

VIRTUAL FLUENCY IN ACTION – PURPOSEFUL, ACCESSIBLE, AND ENGAGING PRACTICE IN GRADES K–5: *A STORY OF UNITS®*

Session Objectives:
Participants will understand

- build a shared understanding of the definition and multiple aspects of math fluency and its relationship to conceptual understanding and application,
- explain the purposes of incorporating fluency practice consistently during instruction,
- experience and analyze four common routines for fluency practice (counting, choral response, white board exchanges, and sprints) to describe when they might be most effective during instruction.
- through practice with planning for fluency practice within the context of a grade-level topic, begin to make and explain strategic instructional choices around fluency practice as a means of supporting our defined purposes and facilitating a joyful learning experience.

TIME	AGENDA	DESCRIPTION
Part A 2 hours	**Defining Fluency** **Fluency in Action**	**During the first virtual PD session, participants will** • build a shared understanding of the definition and multiple aspects of math fluency and its relationship to conceptual understanding and application. • experience and analyze four common routines for fluency practice (counting, choral response, white board exchanges, and sprints) to describe when they might be most effective during instruction.
Part B **Preparation** 30-45 minutes		**To prepare for the second virtual PD session, participants will** • Complete Grade 3 Module 1 Problem Progression and answer the guiding questions (VEM pp. 13-14).
Part B 2 hours	**Planning Purposeful Fluency Practice** **Collaborative/Independent Practice**	**During the second virtual PD session, participants will** • explain the purposes of incorporating fluency practice consistently during instruction. • through practice with planning for fluency practice within the context of a grade-level topic, begin to make and explain strategic instructional choices around fluency practice as a means of supporting our defined purposes and facilitating a joyful learning experience.

greatminds.org