## VIRTUAL FOCUS ON FLUENCY: A STORY OF UNITS®

### Session Objectives
Participants will understand
- how to analyze fluency sequences and practice adjusting them to meet varied student needs,
- the coherence of K–5 fluency,
- fluency as a component of rigor, as defined by the instructional shifts, and
- how to study, analyze, and practice Sprints and counting exercises.

<table>
<thead>
<tr>
<th>TIME</th>
<th>AGENDA</th>
<th>DESCRIPTION</th>
</tr>
</thead>
</table>
| **Zoom**<br>Session 1<br>2 hours | **Introduction to Fluency**<br>Counting Fluencies<br>Q&A | During the first virtual PD session, participants will  
- understand that units are things that can be counted, composed, and decomposed;  
- recognize the experience of productive struggle and improvement;  
- lead counting activities by using clear signals and effective pace; and  
- use deliberate practice as a tool for personal and school-wide growth and articulate the value of intentional practice. |
| **Interim Work**<br>and Lunch Break | **Professional Reading** | To prepare for the second virtual PD session, participants will  
- read and plan to discuss “The Chinese Perspective.” |
| **Zoom**<br>Session 2<br>2 hours | **Three Levels of Counting Strategies**<br>Whiteboard Exchanges<br>Sprints<br>Conclusion/Q&A | During the second virtual PD session, participants will  
- recognize the role of the concrete–pictorial–abstract progression in helping students learn new strategies,  
- connect Grade 1 Make Ten and Take from Ten strategies to addition and subtraction of fractions and decimals,  
- recognize that strategies for Making Problems Easier eventually become mental math,  
- practice Make a Ten and Take from Ten strategies,  
- understand the value of Whiteboard Exchanges in developing students’ fluency with skills that require written work or visual processing,  
- be prepared to deliver in their classrooms Sprints that include the essential components of the Sprints routine (sequence of steps, effective pace, active practice, and focus on improvement),  
- learn the value of completing a Sprint and analyzing its complexities before delivery, an |

greatminds.org