



### VIRTUAL SOLVING WORD PROBLEMS K-5

TIME	AGENDA	DESCRIPTION
<b>Zoom Session 1</b> 2 hours	<b>The Read–Draw–Write Process</b>  <b>Solve and Analyze Kindergarten Word Problems</b>  <b>Grade 1 Problem-Solving Strategies</b>  <b>2-Step Word Problems (Grade 2)</b>	<b>During the first virtual PD session, participants will</b> <ul style="list-style-type: none"> <li>analyze and practice the RDW process for solving word problems;</li> <li>study decoding part–whole relationships in common addition and subtraction word problem situations;</li> <li>model one- and two-step addition and subtraction word problems by using concrete, pictorial, and symbolic representations; and</li> <li>study and apply three levels of counting that students use as they acquire understanding of and skill with addition and subtraction.</li> </ul>
<b>Interim Work and Lunch Break</b> 2 hours	<b>The Read–Draw–Write Process and the Standards for Mathematical Practice</b>  <b>Stages of Model Drawing</b>	<b>To prepare for the second virtual PD session, participants will</b> <ul style="list-style-type: none"> <li>study the RDW process as it relates to the Standards for Mathematical Practice and consider how to customize delivery to highlight certain practices and</li> <li>read “Stages of Model Drawing” and consider how to use the progression to coach students toward greater precision and efficiency in model drawing.</li> </ul>
<b>Zoom Session 2</b> 2 hours	<b>Equal Group Problems</b>  <b>Part–Whole Relationships with Multiplicative Comparison</b>  <b>Suggested Delivery Methods for Word Problems</b>	<b>During the second virtual PD session, participants will</b> <ul style="list-style-type: none"> <li>practice decoding part–whole relationships in common multiplication and division word problem situations;</li> <li>model one- and two-step multiplication and division word problems with concrete, pictorial, and symbolic representations; and</li> <li>practice different modes of delivery of word problem instruction when implementing the RDW process.</li> </ul>