



# PROFESSIONAL DEVELOPMENT



## EUREKA MATH® TEKS EDITION UNDERSTANDING THE MAJOR WORK OF THE GRADE BAND K–2

TIME	AGENDA	DESCRIPTION
3 Hours	<p><b>Number Core</b></p> <p><b>Three Levels of Problem Solving for Addition</b></p> <p><b>Progression of Strategies for Addition</b></p> <p><b>Standard Algorithm for Addition</b></p>	<p><b>During the first half of the session, participants will:</b></p> <ul style="list-style-type: none"> <li>• deepen their understanding of the four aspects of the number core and their relationship to addition,</li> <li>• use the make ten addition strategy and the skills it requires,</li> <li>• study concrete and pictorial representations that build conceptual understanding of addition, and</li> <li>• relate physical and written representations of the standard algorithms for addition.</li> </ul>
	<p><b>Professional Reading</b></p> <p><b>Grade Level Problems</b></p>	<p><b>To prepare for the second half of the session, participants will:</b></p> <ul style="list-style-type: none"> <li>• read the Appendix, “Counting Strategies,”</li> <li>• reflect on the relationship between addition and subtraction, and</li> <li>• apply strategies from session 1 to grade level problems.</li> </ul>
3 Hours	<p><b>Three Levels of Problem Solving for Subtraction</b></p> <p><b>Progression of Strategies for Subtraction</b></p> <p><b>Standard Algorithm for Subtraction</b></p> <p><b>Summary of Session</b></p>	<p><b>During the second half of the session, participants will:</b></p> <ul style="list-style-type: none"> <li>• use take from ten subtraction strategies and the skills they require,</li> <li>• study concrete and pictorial representations that build conceptual understanding of subtraction,</li> <li>• relate physical and written representations of the standard algorithms for subtraction, and</li> <li>• synthesize the learning of the day through problem solving.</li> </ul>