



April 30 Agenda

Leadership Content Knowledge, Multiplication and Division and Teaching through Problem Solving

Timing	Learning
8:30 am - 9:00 am	Networking Breakfast
9:00 am - 9:15 am	Welcome and Land Acknowledgement
9:15 am - 10:30 am	Leadership Content Knowledge article <ul style="list-style-type: none">• Template for Reflection• Polling Link
10:30 - 10:45 am	Break
10:45 am - 10:55 am	Grouping Research in Math
10:55 am - 11:45 am	Multiplication and Division <ul style="list-style-type: none">• Problem types and Structures• All Carpenter Problem Types (Add, Subtract, Multiply, Divide)
11: 45 am - 12:15 pm	Developing Models with Students Through Context
12:15 pm - 1:15 pm	LUNCH
1:15 pm -1:30 pm	Teaching Through Problem Solving Continued Need to develop conceptual understanding <ul style="list-style-type: none">• Tied to proficiencies
1:30 pm - 2:15 pm	Going Deeper with Challenge: Complexity and Difficulty (Video Analysis) <ul style="list-style-type: none">• Making Connection to Visible Learning (Hattie's work)• Complexity and Difficulty defined

	<ul style="list-style-type: none"> • Complexity versus Difficulty Framework • Analysing the Math through video analysis
2:15 pm -3:45 pm	<p>Additional Practices that Demonstrate Teaching Through Problem Solving (Jigsaw)</p> <p>Participants (random groupings) read and discuss the relevant sections in A Guide to Effective Instruction in Mathematics K-6, Volume 2 Problem Solving and Communication and use their experience to respond to the Adobe Chat Pods (see below)</p> <ol style="list-style-type: none"> 1. Supporting & extending learning, Encouraging & Accepting Student Strategies, Questioning and Prompting Students (pp 29-33) 2. Using Think Alouds (pp 130-135) 3. Funneling and Focusing Questions (pp 89 - 93) 4. Prompts and Cues (pp 93 - 95) <p>Share your thinking on the padlet.</p>
3:45 pm - 4:00 pm	Wrap Up