

# Deepen your knowledge of a problem-based approach in middle school math (3 hours)



## Agenda and objectives

Agenda	Objectives
<b>Introduction &amp; opening activity</b> <ul style="list-style-type: none"><li>Real-world connection to a problem-based approach</li></ul>	<b>By the end of this session, participants will be able to:</b> <ul style="list-style-type: none"><li>Explain how problem-based math brings delight to both teaching and learning and builds lasting student understanding.</li><li>Identify actionable strategies for leading a problem-based math classroom.</li><li>Connect current teaching practice to a problem-based approach, and choose a next step to implement a more problem-based approach.</li></ul>
<b>Experience a problem-based approach</b> <ul style="list-style-type: none"><li>Experience a lesson as a student</li><li>Reflection</li></ul>	
<b>Understanding a problem-based approach</b> <ul style="list-style-type: none"><li>Defining a problem-based approach</li><li>Watch a classroom episode</li><li>Benefits of a problem-based approach</li></ul>	
<b>Taking steps toward a problem-based approach</b> <ul style="list-style-type: none"><li>Actionable strategies</li><li>Managing the shift</li><li>Planning for next steps</li></ul>	
<b>Closing</b> <ul style="list-style-type: none"><li>Questions and answers</li><li>Survey</li></ul>	